



## Weekly Security Articles 31-January-2024

Contribution Managers:

[Christopher Sundberg](#)

[Kirsten Koepsel](#)

[Vanessa DiMase](#)

[Ryan Johns](#)

[Isabella Johnson](#)

[Bryan Watts](#)

[Daniel DiMase](#)

### ***Please Take our On-Line Survey***

We would like to keep the *Weekly Security Articles of Interest* relevant and timely. Please take a few minutes to answer our brief survey.

Thank you!

Link to Survey: <https://forms.gle/L95wrYfa5sh3cZRQ8>

**NOTE:** The results of the survey will be used to determine direction of the *Weekly Security Articles of Interest*.

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

TLP Definition: <https://www.cisa.gov/tlp>

## Contents

For a list of events to attend: .....	1
Chip Industry events for 2024 .....	1
Events - Online.....	1
Accident Reconstruction Digital Summit .....	1
Wine Down Wednesday: Enabling a Global Resilient Supply Chain with Technology Leadership .....	1
Cybersecurity Standardisation Conference 2024.....	1
Electric Vehicle Charging Infrastructure Conference, an SAE Sustainability Event - Electric Vehicle Charging Infrastructure Conference .....	1
Wine Down Wednesday: Working and Living Abroad: The Good, the Bad, and the Ugly.....	1
ESDA Webinar: Chiplet Security - Current and Future .....	2
Compound Semiconductor Materials Europe TC Chapter Meeting 2024 .....	2
Events - In-person .....	2
MD&M West - Advancing Manufacturing Excellence Through Medical Devices.....	2
Cyber Risk & Insurance Innovation Europe 2024 .....	2
Gartner Security & Risk Management Summit 2024, Dubai, UAE .....	2
International Solid-State Circuits Conference .....	3
CISO Sydney 2024 .....	3
Phil Kaufman Award & Banquet.....	3
PDS Professional Development Seminar Grand Canyon University.....	3
SPIE Advanced Lithography + Patterning.....	3
Zero Trust World 2024 .....	3
Space Beach Law Lab .....	4
PDS Professional Development Seminar Austin Community College .....	4
Cybersecurity Standardisation Conference 2024.....	4
Counterfeit Electronics & Materials Symposium .....	4
Cloud & Cyber Security Expo.....	4
Advanced Packaging Seminar 2024 .....	4
Industry Strategy Symposium Europe.....	5
PDS Professional Development Seminar San Jose State University 2024.....	5
Capital Expo & Tech Forum.....	5
Smart Data-AI Seminar .....	5

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Members' Networking Night..... 5

CREATING TOMORROW'S HEALTH ..... 5

Connect, Learn, and Advance at AeroTech® ..... 6

2024 On-Board Diagnostics Symposium-Europe..... 6

Black Hat Spring Trainings 2024..... 6

Monterrey Expo & Tech Forum ..... 6

2nd ENISA Cybersecurity Policy Conference ..... 6

ACS SPRING 2024: Connect with peers. Get the latest insights in chemistry. .... 6

GOMACTech 2024 ..... 7

Dallas Expo & Tech Forum ..... 7

PDS Professional Development Seminar Miami University 2024 ..... 7

IT & Cybersecurity Meetings - 19, 20 & 21 mars 2024..... 7

Laser World of Photonics (LWOP) China..... 7

Houston Expo & Tech Forum..... 8

Focus on Microscopy Conference Website..... 8

Cyber Security Training at SANS Orlando 2024 ..... 8

North America Standards Spring Meetings 2024 ..... 8

ICCWS - 19th International Conference on Cyber Warfare and Security..... 8

Réinventer la cybersécurité à l'ère de l'IA..... 8

Cyber Florida presents Sunshine Cyber Conference..... 9

IPC APEX EXPO 2024 ..... 9

SPIE Photonics Europe 2024..... 9

WICYS Women in Cybersecurity 2024 ..... 9

Physical Interfaces Carriers Japan TC Chapter Meeting ..... 9

Information Control Japan TC Chapter Meeting Cloned ..... 9

Fundamentals of Product Marketing 2.5 ..... 10

WCX 2024..... 10

Black Hat Asia 2024..... 10

Gulf Information Security Expo & Conference (GISEC)..... 10

37th International Electric Vehicle Symposium & Exhibition ..... 10

OPIE '24 (OPTICS & PHOTONICS International Exhibition 2024) ..... 10

Silicon Wafer Japan TC Chapter Meeting ..... 11

SEMI Arizona Golf Classic ..... 11

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

CLEO - Laser Science to Photonic Applications ..... 11

RSA Conference 2024 ..... 11

Wisconsin Expo & Tech Forum..... 11

Vehicle Automation Symposium: Getting to SAE Level 4™ ..... 11

13th CISO Leaders Australia Summit ..... 12

Ciudad Juarez Expo & Tech Forum ..... 12

TRACEABILITY JAPAN TC CHAPTER MEETING ..... 12

Advanced Semiconductor Manufacturing Conference - ASMC 2024..... 12

Electronics in Harsh Environments Conference and Exhibition ..... 12

EV Mobility 2030 ..... 12

Key Semiconductor Account Selling and Management ..... 13

HackMiami XI: May 15 - 18, 2024 - HackMiami Conference XI 2024 ..... 13

Women in Semiconductors - WIS ..... 13

Rocky Mountain Expo & Tech Forum ..... 13

GITEX Europe..... 13

16th Annual FIB SEM Meeting..... 13

LIQUID CHEMICALS JAPAN TC CHAPTER MEETING ..... 14

GITEX Africa ..... 14

HIMSS24 European Health Conference & Exhibition ..... 14

Upper Midwest Expo & Tech Forum ..... 14

Infosecurity Europe - Everyone and Everything You Need to Know in Information Security ..... 14

LASYS - International Trade Fair for Laser Material Processing..... 15

GS1 Connect: The All-Inclusive Supply Chain Event of the Year ..... 15

Techno Security & Digital Forensics Conference 2024 ..... 15

Querétaro Expo & Tech Forum ..... 15

AeroCON2024 ..... 15

Ontario Expo & Tech Forum ..... 15

.conf24 User Conference ..... 16

EPHJ - The World of High Precision - Palexpo Geneva ..... 16

CO2 Reduction for Transportation Systems Conference ..... 16

Vendor & Third Party Risk Europe ..... 16

3D and Systems Summit..... 16

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

International Styrian Noise, Vibration & Harshness .....	16
Oregon Expo & Tech Forum .....	17
Symposium on Counterfeit Parts & Materials - United States .....	17
Stuttgart International Symposium .....	17
Laser Korea 2024 .....	17
The 23rd International Conference on Ultrafast Phenomena .....	17
METRICS JAPAN TC CHAPTER MEETING .....	17
Black Hat USA 2024 .....	18
DEF CON Security Training .....	18
Chihuahua Expo & Tech Forum .....	18
Long Island Expo & Tech Forum .....	18
Laser & Photonics Taiwan 2024 .....	18
Michigan Expo & Tech Forum .....	18
Ohio Valley Expo & Tech Forum .....	19
Annual Privacy Forum 2024 .....	19
PCI SSC 2024 North America Community Meeting .....	19
COMVEC .....	19
Guadalajara Expo & Tech Forum .....	19
SEMICON India 2024 .....	19
Brake Colloquium & Exhibition .....	20
Techno Security & Digital Forensics Conference .....	20
On-Board Diagnostics Symposium-Americas .....	20
MIND THE SEC 2023 .....	20
Gartner Security & Risk Management Summit 2024, London, U.K. ....	20
Micronora - Microtechnology, high precision and nanotechnology trade fair .....	20
ICSCRM - the premiere international forum FOR Silicon Carbide .....	21
Thermal Management Systems Symposium .....	21
Neuroscience 2024 .....	21
PCI SSC 2024 Europe Community Meeting .....	21
Cloud Expo Asia .....	21
Télécharger le Livre Blanc de l'édition 2022 des Assises .....	21
GITEX Global .....	22
SMTA International Conference & Exposition .....	22

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

LA/OC Expo and Tech Forum..... 22

CISO Leaders Thailand ..... 22

Tijuana Expo & Tech Forum ..... 22

Vietnam Business Summit - Connecting Vietnam to the Sea Semiconductor Ecosystem ..... 22

LASER World of PHOTONICS (LWOP) INDIA ..... 23

Orlando 2024, ISF World Congress ..... 23

CIPRE - Critical Infrastructure Protection & Resilience Europe ..... 23

IEEE International Conference on PHYSICAL ASSURANCE and INSPECTION of ELECTRONICS (PAINE) ..... 23

Energy & Propulsion Conference & Exhibition ..... 23

Space Coast Expo & Tech Forum..... 23

PCI SSC 2024 Asia-Pacific Community Meeting ..... 24

CS4CA: Cyber Security for Critical Assets Summit..... 24

THOTCON 0xD - Chicago's Hacking Conference..... 24

Request for Comments ..... 24

Federal Acquisition Regulation: Implementation of Federal Acquisition Supply Chain Security Act (FASCSA) Orders ..... 24

NIST SP 1800-38, Migration to Post-Quantum Cryptography: Preparation for Considering the Implementation and Adoption of Quantum Safe Cryptography..... 24

NIST SP 800-100 Rev. 1, PRE-DRAFT Call for Comments | Information Security Handbook: A Guide for Managers Initial Preliminary Draft..... 25

NIST SP 1800-29, Data Confidentiality: Detect, Respond to, and Recover from Data Breaches..... 25

Cybersecurity Maturity Model Certification Program Proposed Rule Published..... 25

NIST SP 800-55 Vol. 1, Measurement Guide for Information Security: Volume 1 — Identifying and Selecting MeasuresInitial Public Draft ..... 25

NIST SP 800-55 Vol. 2, Measurement Guide for Information Security: Volume 2 — Developing an Information Security Measurement ProgramInitial Public Draft..... 25

SPACE TECHNOLOGY ADVANCED RESEARCH-FAST-TRACKING INNOVATIVE SOFTWARE AND HARDWARE (STAR-FISH) ADVANCED RESEARCH ANNOUNCEMENT (ARA) WITH CALLS ..... 26

Patches/Advisories..... 26

CISA Adds One Known Exploited Vulnerability to Catalog ..... 26

Apple Releases Security Updates for Multiple Products ..... 26

Security Snippets: Microsoft SharePoint vulnerability to watch out for..... 26

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



CISA Releases Six Industrial Control Systems Advisories .....	26
CISA Adds One Known Exploited Vulnerability to Catalog .....	27
Crestron AM-300.....	27
Lantronix XPort .....	27
Orthanc Osimis DICOM Web Viewer .....	27
Mozilla Releases Security Updates for Thunderbird and Firefox .....	27
Review – 6 Advisories Published – 1-23-24.....	27
Cisco Releases Security Advisory for Multiple Unified Communications and Contact Center Solutions Products .....	27
Opteev MachineSense FeverWarn .....	28
SystemK NVR 504/508/516 .....	28
CISA Releases Two Industrial Control Systems Advisories.....	28
Review – 2 Advisories Published – 1-25-24.....	28
Review – Public ICS Disclosures – Week of 1-20-24.....	28
Juniper Networks Releases Security Bulletin for J-Web in Junos OS SRX Series and EX Series .....	28
CVE-2023-6267 .....	29
CVE-2023-52355 .....	29
CVE-2024-23655 .....	29
CVE-2024-23656 .....	29
CVE-2024-0885 .....	29
CVE-2024-22635 .....	30
CVE-2024-0889 .....	30
CVE-2024-0921 .....	30
CVE-2024-22861 .....	30
Zero-day Confluence RCE Vulnerability Blocked by Contrast Runtime Security   CVE-2023-22527   Contrast Security .....	30
CVE-2024-23738 .....	31
CVE-2024-23730 .....	31
CVE-2023-38318 .....	31
Traceroute 2.1.2 Privilege Escalation .....	31
MajorDoMo Command Injection.....	32
Gentoo Linux Security Advisory 202401-26.....	32
Gentoo Linux Security Advisory 202401-28.....	32

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

CVE-2024-0939 .....	32
CVE-2024-20253 .....	32
CVE-2023-31037 .....	33
CVE-2024-0810 .....	33
CVE-2024-22372 .....	33
CVE-2023-52329 .....	33
CloudLinux CageFS 7.0.8-2 Insufficiently Restricted Proxy Command .....	33
CVE-2023-46892 .....	34
CVE-2023-52330 .....	34
CVE-2023-47193 .....	34
CVE-2021-42142 .....	34
CVE-2023-36177 .....	35
CVE-2023-35835 .....	35
CVE-2022-4964 .....	35
CVE-2023-51711 .....	35
CVE-2024-0665 .....	35
CVE-2024-22135 .....	36
CVE-2024-22294 .....	36
CVE-2023-50274 .....	36
CVE-2023-50275 .....	36
CVE-2024-22490 .....	36
CVE-2024-22496 .....	37
CVE-2023-45889 .....	37
CVE-2024-0749 .....	37
CVE-2024-0750 .....	37
CVE-2024-0751 .....	37
CVE-2024-0753 .....	38
CVE-2024-0755 .....	38
CVE-2023-49657 .....	38
CVE-2024-0703 .....	38
CVE-2024-22772 .....	38
Improper restriction of XML external entity references (XXE) in MLIT "Electronic Delivery Check System" and "Electronic delivery item Inspection Support System" ..	39

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



CVE-2023-39197 .....	39
CVE-2023-7194 .....	39
CVE-2024-23848 .....	39
CVE-2023-41474 .....	39
CVE-2023-52046 .....	40
CVE-2023-38317 .....	40
CVE-2024-0879 .....	40
CVE-2023-40547 .....	40
CVE-2023-52076 .....	41
CVE-2024-0822 .....	41
CVE-2023-44281 .....	41
CVE-2024-22725 .....	41
CVE-2023-24676 .....	41
CVE-2024-22751 .....	41
CVE-2024-23985 .....	42
CVE-2024-22099 .....	42
CVE-2024-23307 .....	42
CVE-2023-33757 .....	42
CVE-2023-6282 .....	42
CVE-2024-23855 .....	43
CVE-2021-42143 .....	43
CVE-2024-23648 .....	43
CVE-2024-23897 .....	43
CVE-2024-23905 .....	44
CVE-2021-43584 .....	44
CVE-2024-23644 .....	44
CVE-2023-45193 .....	44
CVE-2023-48118 .....	44
CVE-2024-0430 .....	45
CVE-2024-0606 .....	45
CVE-2023-24135 .....	45
CVE-2024-23342 .....	45
CVE-2023-6290 .....	46

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

CVE-2023-51210 .....	46
CVE-2023-42143 .....	46
CVE-2023-6926 .....	46
CVE-2023-7238 .....	46
CVE-2024-22154 .....	47
CVE-2023-6697 .....	47
Employee Management System 1.0 SQL Injection.....	47
CVE-2023-6159 .....	47
CVE-2024-21387 .....	47
CVE-2024-23615 .....	48
CVE-2020-36771 .....	48
CVE-2024-0782 .....	48
CVE-2022-45790 .....	48
CVE-2024-0775 .....	48
Ivanti Connect Secure Unauthenticated Remote Code Execution.....	49
Podcasts/Videos .....	49
Veolia, FeverWarn, SystemK, Fortra, GitLab, Ring, Trickbot, Aaran Leyland, and More .....	49
Secret Double Octopus, Furbies, and Too Much Data!.....	49
2024: The Year Cross-Platform Endpoint Management Finally Gets Good? - Zach Wasserman.....	49
MS Breach, printers, Android hacking - PSW #814 .....	49
What Smart CISOs and Mature Orgs Get That Others Don't About Cyber Compliance - Matt Coose .....	50
Say Easy, Do Hard, Hiring a CISO, Part 2.....	50
Security in Wrenches, Vulns in Atlassian and GitLab, 2023's Top Web Hacking Tricks .....	50
Dealing with the Burden of Bad Bots - Sandy Carielli .....	50
RoboJoe, Apple, VMWARE, AI, Confluence, Scarcruft, Microsoft, Jason Wood, and More.....	50
SBOMs and Supply Chains - Allan Friedman .....	50
Simply Cyber: January 26's Top Cyber News NOW! - Ep 543 (DR Edition) on Apple Podcasts .....	50
Simply Cyber: ● January 25's Top Cyber News NOW! .....	51
Simply Cyber: ● January 24's Top Cyber News NOW! .....	51

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Simply Cyber: ● January 23's Top Cyber News NOW! ..... 51

Simply Cyber: ● January 22's Top Cyber News NOW! ..... 51

7MS #608: New Tool Release - EvilFortiAuthenticator - 7 Minute Security ..... 51

A Week of News and Listener Views ..... 51

Phishing for mail. .... 51

356: Big dumpers, AI defamation, and the slug that slurped..... 52

A new purchase is cause for a call out..... 52

Another day, another Blizzard attack. .... 52

The fight against exploiting Americans. .... 52

The mother of all data breaches. .... 52

Midnight Blizzard brings the storm. .... 52

Srsly Risky Biz: How the SEC's new cyber disclosure rules are shaking out..... 52

Risky Biz News: SVR hackers also breached HPE..... 52

Between Two Nerds: Why data brokers aren't causing widespread harms ..... 53

Risky Biz News: AU, UK, US sanction Russian behind Medibank ransomware attack  
..... 53

Risky Business #733 -- Say cheese, motherf---er..... 53

Sponsored: Why finding and responding threats isn't enough and we need to contain  
them as well ..... 53

Risky Biz News: SVR hackers breach Microsoft..... 53

U.S. Microelectronics Production for National Security..... 53

Tech Showcase at TCE 23.2 ..... 53

Farming Innovation Rooted in Sustainability..... 53

Cybersecurity threats: 60% of local organisations saw ransomware incidents double in  
2023..... 54

Webcast: How will AI drive defense tech and priorities in coming years?..... 54

Regulations – Effective..... 54

NEW YORK STATE DEPARTMENT OF FINANCIAL SERVICES SECOND  
AMENDMENT TO 23 NYCRR 500 CYBERSECURITY REQUIREMENTS FOR  
FINANCIAL SERVICES COMPANIES..... 54

Strategic and Critical Materials Stockpiling Act Reform ..... 54

Regulations – Proposed ..... 54

8(a) Program..... 54

Increase of Statutory Architect and Engineering Service Fees ..... 55

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

(S) Prohibition on Operation of Covered Unmanned Aircraft Systems from Covered Foreign Entities ..... 55

(S) Prohibition on the Transfer of Certain Data of Employees of the Department of Defense to Third Parties ..... 55

Inflation Adjustment of Acquisition-Related Thresholds ..... 56

(S) Earned Value Management System..... 56

(S) Past Performance of Affiliate Companies of Small Business Concerns ..... 56

(S) Prohibition on Contracting with Russian Energy Fossil Fuel Operations..... 56

(S) Exception Amendment for Restriction on Certain Metal Products ..... 57

(S) Prohibition on Procurement Related to Chinese Military Companies ..... 57

(S) Limitation on Procurement of Certain Batteries ..... 57

(S) Restrictions on Certain Aerospace-Grade Metals ..... 57

(S) Preventing Conflicts of Interest for Certain Consulting Services ..... 58

(S) DoD Mentor-Protege Program ..... 58

(S) Disclosure of DoD Funding in Technical Publications ..... 58

Inflation Adjustment of Acquisition-Related Thresholds ..... 59

Pay Equity and Transparency in Federal Contracting ..... 59

Clarification of System for Award Management Pre-Award Registration Requirements ..... 59

Consolidation and Bundling ..... 59

Subcontracting Plans and Limitations on Subcontracting ..... 60

Policy on Joint Ventures ..... 60

(S) Small Business Protests..... 61

Trade Agreements Thresholds..... 61

Updates to the Safeguarding Covered Defense Information and Cyber Incident Reporting Clause ..... 61

Trade Agreements Thresholds..... 62

Case Number 2023-HUBZone Program ..... 62

Prohibition on a ByteDance Covered Application..... 62

Small Business Participation on Certain Multiple Award Contracts..... 63

Prohibition on Certain Semiconductor Products and Services ..... 63

Definition of Subcontract..... 63

Information Technology, Cybersecurity, and Cyberrelated Contractor Training and Certification Requirements..... 64

Open Market Micro-purchase Representation ..... 64

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Acquisitions for Foreign Military Sales and Appendix F – Transportation ..... 64

Credit for Lower-Tier Subcontracting ..... 64

Modification of Cooperative Research and Development Project Authority ..... 65

Prohibition on Procurement of ForeignMade Unmanned Aircraft Systems ..... 65

Establishing FAR Part 40 ..... 65

Standardizing Cybersecurity Requirements for Unclassified Federal Information  
Systems ..... 66

Cyber Threat and Incident Reporting and Information Sharing ..... 66

(EO) Strengthening America's Cybersecurity Workforce ..... 66

Controlled Unclassified Information ..... 67

Assessing Contractor Implementation of Cybersecurity Requirements ..... 67

(EO) DFARS Buy American Act Requirements ..... 67

NIST SP 800-171 DoD Assessment Requirements ..... 68

Modifications to Printed Circuit Board Acquisition Restrictions ..... 68

Supply Chain Software Security..... 68

Enhanced Price Preferences for Critical Components and Critical Items ..... 69

Federal Acquisition Supply Chain Security Act of 2018 ..... 69

Report – Government..... 69

    Engaging with Artificial Intelligence (AI) ..... 69

Report – Industry..... 69

    Barracuda Cybernomics 101 report ..... 69

    Ransomware Readiness: How SMBs Can Prepare for the Rising Threat of... ..... 69

    Clever Cybersecure 2024 ..... 70

    Cyber Annual Report ..... 70

    Applications Abound: Average Organization Now Integrates 379 Third-Party  
    Applications with Email ..... 70

    Allianz Risk Barometer: A cyber event is the top global business risk for 2024 ..... 70

    2024 Email Security Risk Report ..... 70

    Security Navigator 2024: Latest Cybersecurity Threats and Trends ..... 70

    Looking Ahead: Cyber Liability Insurance Concerns in 2024 ..... 70

    Ransomware Incidents Reported to UK Financial Regulator Doubled in 2023 ..... 71

    2023 Adversary Infrastructure Report ..... 71

    Allianz Risk Barometer 2024..... 71

    Annual Payment Fraud Intelligence Report: 2023..... 71

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Privacy in Practice 2024 Report..... 71

Map of worldwide ransomware attacks (updated daily) ..... 71

[Report] A Year in the World of Resilience: 2023: A BCI Report..... 71

2024 Email Security Risk Report ..... 72

Metaverse a law enforcement perspective..... 72

Cbir ZeroTrust V011 ..... 72

White House..... 72

    FACT SHEET: Biden-Harris Administration Highlights New Commitments Toward  
    Equitable Workforce Development in Advanced Manufacturing ..... 72

    Statement from NSC Spokesperson Adrienne Watson on the U.S.-PRC  
    Counternarcotics Working Group..... 72

    Background Press Call on APNSA Jake Sullivan's Meeting with Foreign Minister  
    Wang Yi of the People's Republic of China..... 72

    Readout of National Security Advisor Jake Sullivan's Meeting with Chinese  
    Communist Party Politburo Member, Director of the Office of the Foreign Affairs  
    Commission, and Foreign Minister Wang Yi ..... 73

    Press Briefing by Press Secretary Karine Jean-Pierre, NSC Coordinator for Strategic  
    Communications John Kirby, and National Climate Advisor Ali Zaidi..... 73

    Readout of National Security Advisor Jake Sullivan's Meetings with the Prime Minister  
    of the Kingdom of Thailand Srettha Thavisin and Deputy Prime Minister/Foreign  
    Minister Parnpree Bahiddha-Nukara ..... 73

    Statement from NSC Spokesperson Adrienne Watson on National Security Advisor  
    Jake Sullivan's Meeting with Director Wang Yi ..... 73

    Statement from NSC Spokesperson Adrienne Watson on National Security Advisor  
    Jake Sullivan's Travel to Thailand..... 73

    Press Briefing by Press Secretary Karine Jean-Pierre and NSC Coordinator for  
    Strategic Communications John Kirby ..... 74

    Press Briefing by Press Secretary Karine Jean-Pierre and NSC Coordinator for  
    Strategic Communications John Kirby ..... 74

    Readout of National Security Advisor Sullivan's Meeting with Swedish National  
    Security Advisor Henrik Landerholm..... 74

    Statement from National Security Advisor Jake Sullivan on the Millennium Challenge  
    Corporation's 20th Anniversary ..... 74

Articles of Interest..... 74

    Swedish Government May Take Weeks to Recover from Ransomware Attack | iTech  
    Post..... 74

    Subway Sandwich Chain Investigating Ransomware Group's Claims - SecurityWeek

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

..... 75

Cybersecurity incident impacting Bucks County's emergency communication system -  
6ABC ..... 76

Trello - 15,111,945 breached accounts..... 76

Head of ChatGPT to meet with top executives from Samsung, SK ..... 76

Altman eyes billions for AI fab network ..... 77

Akira ransomware gang says it stole passport scans from Lush • The Register -  
Theregister..... 77

The NSA Buys Web Browsing Data Without A Warrant, Letter Shows..... 77

MOAB: The Implications of 26 Billion Records Breached ..... 78

New Hampshire robocall kicks off era of AI-enabled election disinformation ..... 78

Russian Hacker Sentenced to Over 5 Years in US Prison..... 78

Report: Data breach at Norton Healthcare was one of the worst in 2023 - WHAS11 79

SSH3 – Faster & Rich Secure Shell Using HTTP/3 ..... 79

Neighbouring Kent councils hit by simultaneous cyber attacks..... 79

Douglas County Libraries hacked by overseas criminal group - CBS News ..... 79

Silobreaker integrates with DarkOwl for enhanced darknet credential monitoring .... 80

Microsoft network breached through password-spraying by Russia-state hackers.... 80

Australia publicly names and sanctions Russian hacker over Medibank data leak -  
CNN ..... 80

Patch Your GoAnywhere MFT Immediately - Critical Flaw Lets Anyone Be Admin... 80

Software supply chain attacks are getting easier ..... 81

Britons must 'strengthen defences' against growing threat of AI-assisted ransomware,  
cyber ..... 81

ESET Webinar Explores Strategies for Ransomware Resilience with Software-  
Hardware Solutions..... 81

Oracle WebLogic Server vulnerable to HTTP header injection ..... 81

British intelligence warns AI will cause surge in ransomware volume and impact .... 81

Microsoft critics accuse the firm of 'negligence' in latest breach ..... 82

Exclusive: How the cops are boxing in ransomware hackers - Axios..... 82

AI Automation Won't Steal All Jobs, for Now ..... 82

MacOS Malware Targets Bitcoin, Exodus Cryptowallets ..... 82

Ransomware Protection Market Accelerates at 16.4% CAGR to - GlobeNewswire... 82

Multiple Vulnerabilities in Google Chrome Could Allow for Arbitrary Code Execution 83

X adds passkeys support for iOS users in the United States ..... 83

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



Identity-based incidents accounted for 64% of all incidents ..... 83

AI Program Poised to Advance Cybersecurity in Abu Dhabi..... 83

Mitsubishi Electric to sample new J3-Series SiC and silicon power modules ..... 83

Millions at Risk As 'Parrot' Web Server Compromises Take Flight ..... 84

UT Health Tyler announces some patients' Social Security numbers, contact information ..... 84

Dragos achieves new AWS Manufacturing and Industrial Competency for OT security ..... 84

Clackamas Community College classes canceled after cyberattack - oregonlive.com ..... 84

CISA Releases Six Industrial Control Systems Advisories ..... 85

Fan-Out Panel-Level Packaging Hurdles ..... 85

Blog Review: Jan. 24 ..... 85

Army asks AeroVironment to build compact Switchblade unmanned anti-personnel smart mortar for infantry..... 85

SpaceX launch sends four private astronauts to ISS ..... 86

NASA and Archer Aviation sign agreement for energy storage for AAM and space.. 86

Air Force asks Lockheed Martin to build another three gallium nitride (GaN)-based air-defense radar systems..... 86

Navy picks WR Systems to support long-range Relocatable Over-The-Horizon Radar (ROTHR) for surveillance..... 86

GE Aerospace demonstrates hypersonic dual-mode ramjet engine with rotating detonation combustion..... 86

Pratt & Whitney Canada unveils high-voltage advanced mobile charging unit..... 87

Collins Aerospace to continue development of future VLF communications with submerged missile submarines..... 87

The risks of engine neglect..... 87

U.K. demonstrates its first successful satnav overlay ..... 87

Case study: F-Theta Lens..... 88

Emerging Radar and Electronic Warfare (EW) Challenges: Developing Test Strategies..... 88

SIGINT Cyber Security: Importance of Signal Monitoring and Analysis..... 88

Current Status of UAVs (Drones) and Trends in Applied Wireless Communication Technologies..... 88

MEDC approves incentives for EV-related companies to move into Detroit ..... 89

China Says EU's 'Unfair' EV Subsidies Probe Risks Damaging Ties ..... 89

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Air-taxi maker Vertical Aerospace gets \$50 mln equity injection from founder ..... 89

Apple Dials Back Car’s Self-Driving Features and Delays Launch to 2028 ..... 89

China’s EV players ramp up competition with Tesla using new tech ..... 90

Articulated Dump Trucks Get More Advanced ..... 90

Zero-emission truck adoption soars - and not just in California - FreightWaves ..... 90

Dubai to consider flexible Salik toll charges to cut congestion ..... 90

New Biden guidance makes EV charger tax credits available where most Americans live ..... 91

New type water splitter could make green hydrogen cheaper ..... 91

Cummins to spend \$580M to upgrade North Carolina plant ..... 91

SUVs drive trend for new cars to grow 1cm wider in UK and EU every two years, says report ..... 91

Archer and NASA collaborate on battery testing to ‘push AAM industry forward’ ..... 91

BYD Crowned China’s No. 1 Selling Car Brand for 2023 Over VW ..... 92

Ryder adds Kodiak Robotics to its autonomous trucking dance card ..... 92

Beijing to tap emerging tech, including AI, to build smart city ..... 92

Major IT outage at Europe's largest caravan and RV club makes for not-so-happy campers ..... 92

Splunk fixed high-severity flaw impacting Windows versions..... 93

Poisoning AI Models ..... 93

UK says AI will empower ransomware over the next two years - Bleeping Computer 93

5379 GitLab servers vulnerable to zero-click account takeover attacks..... 93

\$2.4 trillion securities platform owner hacked. EquiLend admits "unauthorised access" ..... 93

HPE joins the 'our executive email was hacked by Russia' club ..... 94

Ransomware attack hits Veolia North America | SC Media ..... 94

How the FBI is fighting an increasing number of ransomware attacks - WCVB ..... 94

Evolving BianLian ransomware attack strategies detailed | SC Media..... 94

Global fintech firm EquiLend offline after recent cyberattack - Bleeping Computer ... 95

Kasseika Ransomware Using BYOVD Trick to Disarms Security Pre-Encryption .... 95

North Korean Hackers Using AI in Advanced Cyberattacks ..... 95

UK Mulls Rollout of New Software Vulnerability Rules..... 95

GSA Sparks Security Fears After Buying Risky Chinese Cameras ..... 96

Pwn2Own Automotive: Hackers Earn Over \$700k for Tesla, EV Charger, Infotainment Exploits ..... 96

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Jason’s Deli Restaurant Chain Hit by a Credential Stuffing Attack ..... 96

Zscaler reportedly in negotiations to acquire Avalor. Silverfort raises \$116 million in Series D round..... 96

AMD Ryzen 9000X3D “Zen 5 3D V-Cache” CPUs Allegedly Launching in Jan 2025 97

Fortra Discloses Critical Auth Bypass Vuln in GoAnywhere MFT ..... 97

AI Learning Initiative Launches for UAE Women ..... 97

Coal: Don’t Burn It, Compute With It..... 97

DOD Awards \$49 Million to Improve Advanced Semiconductor Packaging Capabilities ..... 97

Intel opens fab 9 new mexico html..... 98

Russia repeatedly hammering gps baltic ..... 98

Grooming, radicalization and cyber-attacks: INTERPOL warns of ‘Metacrime’ ..... 98

We Must Consider Software Developers a Key Part of the Cybersecurity Workforce 98

Intel opens massive factory in Rio Rancho ..... 99

Biden Aims to Stop Countries From Exploiting Americans’ Data for Blackmail, Espionage ..... 99

Tech Giant HP Enterprise Hacked by Russian Hackers Linked to DNC Breach..... 99

Request for Information - Space Weather Impacts on GNSS Applications Survey.... 99

South Korea invests big in becoming a global chip leader - DW..... 100

The race is on to prepare Australia for nuclear subs..... 100

Intel and UMC Announce New Foundry Collaboration..... 100

HPE breached by Russian APT behind Microsoft hack ..... 100

Crypto Firm Terraform Labs Files for Chapter 11 Bankruptcy in US..... 101

Why Is The Power Device Market So Hot Right Now? ..... 101

New bill looks to shore up US food, agriculture sectors ..... 101

Google Kubernetes Clusters Suffer Widespread Exposure to External Attackers ... 101

HP Claims Monopoly on Ink, Alleges 3rd-Party Cartridge Malware Risk ..... 102

Browser-based Phishing Attacks Increase By 198% Over Six Months ..... 102

How Datawiza uses Microsoft Entra ID to help universities simplify access ..... 102

Assessing and mitigating cybersecurity risks lurking in your supply chain - WeLiveSecurity ..... 102

Trickbot malware scumbag gets five years for infecting hospitals, businesses..... 102

Weasel Words Rule Too Many Data Breach Notifications ..... 103

Directed Energy: The Focus on Laser Weapons Intensifies ..... 103

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Break-in to its systems forces EquiLend to drag them offline - Theregister ..... 103

Panorays Study Finds 94% of CISOs Are Concerned About Third-party Cyber Threats, Yet Only 3% Have Implemented Security Measures ..... 103

23andMe data breach: Hackers stole raw genotype data, health reports ..... 104

SecurityScorecard Launches MAX ..... 104

AI Intensifying Global Ransomware Threat, Warns The NCSC - The Tech Report . 104

HHS releases voluntary cybersecurity goals for the healthcare sector ..... 104

Malwarebytes wins every MRG Effitas award for 2 years in a row..... 105

Feds Warn Healthcare Sector of ScreenConnect Threats ..... 105

Pwn2Own 2024: Tesla Hacks, Dozens of Zero-Days in Electrical Vehicles ..... 105

Airline Gets SASE to Modernize Operations..... 105

Bill seeks cyber protections for food and agriculture - CyberScoop ..... 106

Malicious ads for restricted messaging applications target Chinese users ..... 106

Apple Patches iOS, macOS 0-Day That May Have Been Exploited ..... 106

Missouri’s Secretary of State accused of withholding critical cybersecurity reviews of election authorities. Iowa files lawsuit against TikTok..... 106

FBI and CISA issue guidance for companies using Chinese-made UAS to protect cyber and information security ..... 107

Anduril to use artificial intelligence (AI) and sensor fusion for IR-based counter-UAV perimeter security ..... 107

What is a door plug, and why do some airplanes have them?..... 107

General Dynamics set to build 39th and 40th Virginia Class submarines, sonar sensors, and electro-optics ..... 107

Army asks AeroVironment to build compact Switchblade unmanned anti-personnel smart mortar for infantry..... 108

Chip Industry Week In Review ..... 108

EDA Back On Investors' Radar ..... 108

Edmunds Top Rated Awards for 2024 are out..... 108

Hyundai-Kia retains global No. 3 spot as profits top Tesla's ..... 108

The US Postal Service’s new EV chargers are here..... 109

What’s next for robotaxis in 2024..... 109

House committee backs Artemis despite latest delay ..... 109

Office of Space Commerce starts commercial pathfinder project for civil space traffic coordination system ..... 109

Guetlein calls for a change in culture in 'responsive space' ..... 110

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

DoD seeks less space classification, more collaboration with allies and commercial partners..... 110

New report calls for DoD investments in lunar space infrastructure..... 110

U.S. bracing for tougher satellite radio wave negotiations ..... 110

Internet from space: U.S. Air Force bets on commercial networks ..... 111

The US Desperately Needs EVs Under \$50,000. They're On the Way ..... 111

Porsche CFO Says Europe May Delay Ban of New Fuel-Burning Cars ..... 111

NASA preps Starliner capsule for first crewed flight to ISS..... 111

Lucid Motors expands Arizona plant ahead of Gravity launch ..... 111

Commercial-truck EV fleets slow to grow..... 112

Kentucky considers giving green light to driverless cars..... 112

Navigating the Electric Avenue: Challenges Cities Face as EV Demand Surges .... 112

Space Policy Official Details Approach to Maintaining U.S. Edge..... 112

NASA Selects 12 Companies for Space Station Services Contract..... 113

NASA Administrator Names New Head of Space Technology..... 113

NASA, Partners to Welcome Private Crew Aboard Space Station..... 113

Japan becomes the fifth country to land a spacecraft on the moon ..... 113

Japanese Mars mission launch delayed to 2026 ..... 114

ESA and EU collaborate on launch initiative ..... 114

Belgium signs Artemis Accords..... 114

Microsoft reveals how hackers breached its Exchange Online accounts - Bleeping Computer ..... 114

NCA celebrates National Data Privacy Week while CISA eyes new cybersecurity guidelines..... 115

Microsoft Teams outage causes connection issues, message delays ..... 115

Watch out, experts warn of a critical flaw in Jenkins ..... 115

Data Privacy Day 2024: Security leaders share AI concerns..... 115

Who is Alleged Medibank Hacker Aleksandr Ermakov? - Krebs on Security..... 115

Researchers Observe Increase in Emerging Ransomware Groups Targeting Healthcare..... 116

How ransomware attacks at Wichita hospitals threaten your privacy and health - KSN-TV ..... 116

Thousands of Dark Web Posts Expose ChatGPT Abuse Plans..... 116

Despite awareness, small businesses still highly vulnerable to cyber attacks ..... 116

Microsoft Says Test Account Gave Hackers Keys to the Kingdom..... 117

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

INTERPOL Fights Virtual Crime in the Metaverse ..... 117

Ring curtails law enforcement’s access to footage ..... 117

No more ‘must-wins’: Defense firms growing warier of fixed-price deals ..... 117

US senator says NSA's purchase of Americans' data is unlawful. Mexican banks targeted by AllaKore RAT. .... 118

Ukraine: Hack wiped 2 petabytes of data from Russian research center..... 118

Elon Musk says Chinese EV makers will 'pretty much demolish' most competitors without trade barriers ..... 118

40% of litigators say data privacy disputes increased in 2023 ..... 118

Nineteen Group acquires SASIG ..... 119

Chrome content::NavigationURLLoaderImpl::FallbackToNonInterceptedRequest Heap Use-After-Free ..... 119

Quebec City ambulance dispatch hit by ransomware attack | CTV News..... 119

FINRA receives reports from member firms about LockBit-related cyber incidents . 119

Saudi Arabia Boosts Railway Cybersecurity ..... 119

Brave to end 'Strict' fingerprinting protection as it breaks websites - Bleeping Computer ..... 120

Owner of Cybercrime Website BreachForums Sentenced to Supervised Release.. 120

Shoppers feel more at risk of being scammed - and retailers are having to step up 120

Sivers Photonics receives \$860,000 follow-up orders from US Fortune 100 customer ..... 120

Feds to compete for cyber glory at fifth annual President's Cup ..... 121

Finclusive, Verida, and cheqd Launch Reusable KYC/KYB Solution..... 121

US House Committees deepen investigation into maritime sector security risks, request testimony from ABB ..... 121

COURT DOC: Two Russian Nationals Charged in Separate Indictments with Fraud and Other Offenses Related to Hacking Campaigns ..... 121

Beware of Pirated MacOS Apps That Install Chinese Malware ..... 122

Hybrid Communication: Why Two Networks Are Better Than One ..... 122

Mirai NoaBot: Protect Servers From Crypto Mining Threats ..... 122

CISA Adds 6 Known Exploited Vulnerabilities to Catalog ..... 122

“My Slice”, an Italian adaptive phishing campaign ..... 123

New sustainable method for creating organic semiconductors ..... 123

Cognyte adds GenAI capabilities into its LUMINAR offering..... 123

Ivanti and Juniper Networks accused of bending the rules with CVE assignments . 123

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

New NTLM Hash Leak Targets Outlook, Windows Programs..... 124  
France Fines Yahoo 10 Million Euros Over Cookie Abuses..... 124  
Chinese Spies Exploited VMware vCenter Server Vulnerability Since 2021..... 124  
BreachForums Admin Gets 20 Years Of Supervised Release..... 124  
Inventor Of The NTP Protocol Dies At 85 ..... 124  
'Electronic skin' continuously monitors nine markers that indicate a stress response  
..... 125  
New candidate for universal memory is fast, low-power, stable and long-lasting..... 125  
Researchers investigate strange transient responses of organic electrochemical  
transistors ..... 125  
Russia Microsoft breach, JPMorgan hacking news, TeamViewer - CISO Series..... 125  
Thirty percent more cyber attacks in 2023 - Techzine Europe ..... 126  
LoanDepot says 16.6 million customers had 'sensitive personal' information stolen in  
cyberattack..... 126  
Japan Foods latest listco to get hit by ransomware - fourth this month - The Edge  
Singapore..... 126  
Ransomware gang takes responsibility for hospital hack..... 126  
The Pros and Cons of Large Language Models..... 127  
Accounts on Payoneer in Argentina Compromised in 2FA Bypass Incidents ..... 127  
European Union to Block Amazon's Acquisition Over iRobot ..... 127  
EFF adds Street Surveillance Hub so Americans can check who's checking on them  
..... 127  
Scientists advance affordable, sustainable solution for flat-panel displays and  
wearable tech..... 128  
AWS completes the first cloud audit by the Ingelheim Kreis Initiative Joint Audits  
group for the pharmaceutical and life sciences sector ..... 128  
Healthcare Data Breaches Continue to Impact Patients in New Year - Health IT  
Security ..... 128  
Thai Court Blocks 9near.org to Avoid Exposure of 55M Citizens..... 128  
Security Experts Describe AI Technologies They Want to See..... 129  
Israel, Czech Republic Reinforce Cyber Partnership Amid Hamas War ..... 129  
The Fake Fix: New Chae\$ 4.1 Malware Hides in Driver Downloads..... 129  
Ivanti: VPN appliances vulnerable if pushing configs after mitigation ..... 129  
Multiple Vulnerabilities in VMware Products Could Allow for Remote Code Execution  
..... 129  
Facebook Phishing Scams Target Concerned Friends and Family ..... 130

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



AerCap Faces Cybersecurity Breach: Ransomware Attack on January 17 - InfotechLead ..... 130

Fleeing Data Protection Pros Compound Ransomware Worries: Survey ..... 130

Poorly Secured PostgreSQL, MySQL Servers Targeted By Ransomware Bot - OODA Loop ..... 130

France's OFAC to Tackle Cyberthreats Ahead of Olympics ..... 131

Enzoic for AD Lite Data Shows Increase in Crucial Risk Factors..... 131

German IT Consultant Fined Thousands for Reporting Security Failing ..... 131

Ransomware crims slime AerCap, claim to have stolen 1TB • The Register - Theregister..... 131

Securing the Frontier: Preventing Account Takeovers with AI ..... 132

FTC orders Intuit to stop pushing "free" software that isn't really free ..... 132

Prosecutors Add to Evidence Against Alleged Vastaamo Hacker..... 132

Godzilla Web Shell Attacks Stomp on Critical Apache ActiveMQ Flaw..... 132

Amy Farrow Joins Infoblox As Chief Information Officer ..... 133

Cyber sanctions in response to Medibank Private cyber attack - Minister for Foreign Affairs..... 133

China’s evolving approach to multipolar world order in 2024 ..... 133

A Universal Prompt Injection Attack In The GPT Store ..... 133

SonicWall Threat Report: Ransomware Attacks Drop, Cryptojacking Skyrockets ... 134

Massachusetts hospital claimed to be targeted by Money Message ransomware | SC Media ..... 134

Apple Issues Patch for Critical Zero-Day in iPhones, Macs - Update Now ..... 134

AI-driven cyberattacks and defences to create a battle of algorithms in 2024 ..... 134

Yamaha wireless LAN access point devices vulnerable to active debug code ..... 134

Android App "Spoon" uses a hard-coded API key for an external service ..... 135

Organizations need to switch gears in their approach to email security..... 135

New threat actors contribute to big rise in ransomware attacks - Digit.fyi ..... 135

Intel 15th Gen Arrow Lake-U CPUs to Leverage 3nm Process: Meteor Lake Node Shrink..... 135

Hackers Abusing LSASS Process Memory to Exfiltrate Login Credentials ..... 136

Data Breach Strikes Hathway: 41.5M Data Exposed ..... 136

Overcoming CVE Shock with Effective Kubernetes Vulnerability Scanning..... 136

Google lays off “dozens” from X Labs, wants projects to seek outside funding ..... 136

HP CEO evokes James Bond-style hack via ink cartridges ..... 136

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Cops Used DNA to Predict a Suspect’s Face—and Tried to Run Facial Recognition on It..... 137

News alert: Sternum and ChargePoint collaborate to enhance ChargePoint Home Flex Security ..... 137

Kaspersky Standard wins Product of the Year award from AV-Comparatives | Kaspersky official blog ..... 137

FTC Outlogic Ban: Broker Stopped From Selling Location Data..... 137

F5 Names Samir Sherif as New CISO ..... 138

BianLian ransomware group shifts focus to US, European healthcare and manufacturing industries ..... 138

Thales and Quantinuum strengthen protection against quantum computing attacks138

Google DeepMind Cofounder Claims AI Can Play Dual Role in Next Five Years.... 138

AI Does Not Scare Me, But It Will Make The Problem Of Social Engineering Much Worse ..... 139

Snaking for dragons - Taipei Times ..... 139

Navigating the New Waters of AI-Powered Phishing Attacks..... 139

From Megabits to Terabits: Gcore Radar Warns of a New Era of DDoS Attacks..... 139

The Current State of Evolving CMMC Policy ..... 139

Infineon and Wolfspeed expand and extend multi-year 150mm SiC wafer supply agreement..... 140

New Malware Hidden In PyPI Packages Attacking Windows & Linux Machines ..... 140

North Korean Hackers Attacking Cybersecurity Professionals to Steal Threat Research Reports ..... 140

Doppel Secures \$14M for AI-Powered Brand Protection Technology..... 140

Silverfort Plans Platform Expansion With \$116M Funding Round ..... 141

AI Testing Startup RagaAI Emerges From Stealth With \$4.7M in Seed Funding.... 141

Alice & Bob Speeds Era of Fault-Tolerant Quantum Computing..... 141

HC3 warns healthcare sector of unauthorized access threats from ScreenConnect tool ..... 141

Multiple Vulnerabilities in Apple Products Could Allow for Arbitrary Code Execution ..... 142

Magecart Adds Middle East Retailers to Long List of Victims ..... 142

Porotech and Powerchip partner on mass producing 200mm GaN-on-Si micro-LEDs for displays..... 142

SemiQ debuting QSiC 1200V MOSFET modules at APEC ..... 142

CISA Adds One Known Exploited Vulnerability to Catalog ..... 143

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Accused PII seller faces jail for running underground fraud op ..... 143

Can a global ban on payments stop the ransomware plague? - TechRadar ..... 143

United States, Australia, and the United Kingdom Sanction Russian Cyber Actor... 143

Security Researchers Establish Connections Between 3AM Ransomware and Conti, Royal Cybercriminal Groups ..... 143

U.K. Equipment Rental Company Secures Network Access and Consolidates Its IT Infrastructure with Fortinet ..... 144

High Severity Vulnerability Patched In Splunk Enterprise ..... 144

Hackers Are Hitting A Critical Atlassian Confluence Vulnerability..... 144

US, Allies Impose First Joint Sanctions on Russian Cyber Actor | Mirage News ..... 144

Major Data Breach Hits Popular Brands ..... 145

Update on Atlassian Exploit Activity , (Tue, Jan 23rd) ..... 145

Vietnam Law Enforcement to Tackle Growing Cybercrime - OCCRP ..... 145

CISA boss swatted: 'While my own experience was certainly harrowing, it was unfortunately not unique' ..... 145

Vulnerabilities in Lamassu Bitcoin ATMs Can Allow Hackers to Drain Wallets ..... 145

First Financial Security Notifies Consumers of Data Breach Following October 2023 ... ..... 146

Kasseika ransomware uses antivirus driver to kill other antiviruses - Bleeping Computer ..... 146

Multiple Vulnerabilities in Mozilla Products Could Allow for Arbitrary Code Execution ..... 146

Water services giant Veolia North America hit by ransomware attack ..... 146

Medical Lab Database Exposed 1.3M Records, COVID Test Info ..... 147

Netskope Announces MSP-Friendly, Enterprise-Grade SASE Tailored for the Midmarket ..... 147

"Mercari" App for Android fails to restrict custom URL schemes properly..... 147

Parrot TDS Injecting Malicious Redirect Scripts on Hacked Sites..... 147

Hunters Ransomware Attack on Double Eagle Energy; Site Down! - The Cyber Express ..... 147

MavenGate Supply Chain Attack Let Attackers Hijack Java & Android Apps ..... 148

ASML profits soar, 'positive' signs for chips despite trade spats ..... 148

Improper Separation of User/Administrator Privilege in Cybersecurity ..... 148

Multiple Go Vulnerabilities Fixed in Ubuntu ..... 148

Python FBot Hacking: Cloud and SaaS Platforms Targeted..... 149

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

CFPB’s proposed data rules would improve security, privacy and competition ..... 149

Hackers Use SYSTEMBC Tool to Maintain Access to Compromised Network..... 149

Securiti collaborates with Lacework to improve data protection in the cloud ..... 149

Cybersecurity Market Forecasts: AI, API, Adaptive Security, Insurance Expected to Soar ..... 149

Chrome 121 Patches 17 Vulnerabilities ..... 150

Global Retailer BuyGoods.com Leaks 198GB of Internal and User PII, KYC data .. 150

CISA Joins ACSC-led Guidance on How to Use AI Systems Securely..... 150

Gen AI Expected to Bring Big Changes to Banking Sector ..... 150

UK cyber attack: GCHQ warns of AI ransomware threat - ReadWrite ..... 151

Gartner® Releases Two Concurrent Reports Championing Automated Moving Target Defense (AMTD) Technology..... 151

Riber wins order from Asia for three production MBE systems ..... 151

Honeywell debuts Advance Control for Buildings, improves building management with cybersecurity measures ..... 151

CRI, CyManII launch pilot program to enhance cybersecurity in energy manufacturing sector ..... 152

Oxford Instruments supplies ALD system to UK micro-LED maker ..... 152

North Korean Threat Actor Targeting Cybersecurity Researchers With Spear Phishing Attacks ..... 152

Use of Generative AI Apps Jumps 400% in 2023, Signaling the Potential for More AI-Themed Attacks ..... 152

Enzoic and ThreatQuotient join forces to defend companies from compromised credentials..... 153

Google to put Disclaimer on How its Chrome Incognito Mode Does ‘Nothing’ ..... 153

ThreeAM Ransomware Attacking Small & Medium Companies - Cyber Security News ..... 153

Using GoAnywhere MFT for file transfers? Patch now – an exploit's out for a critical bug..... 153

Meta Has Not Done Enough To Safeguard Children, Whistleblower Says ..... 153

Colorado Pastor Accused Of Multimillion Dollar Crypto Scheme ..... 154

Suppression of deep-level traps for lead-free perovskite solar cells ..... 154

Google Pixel phones unusable after January 2024 system update ..... 154

One of world's largest water utility company hit by ransomware attack - TechRadar ..... 154

Can China use offshore wind to break its reliance on foreign LNG and coal? ..... 155

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Mozilla Releases Security Updates for Thunderbird and Firefox ..... 155

Israeli Startup Gets \$5M Seed Capital to Tackle AI Security ..... 155

Beware of Weaponized Office Documents that Deliver VenomRAT ..... 155

Trezor Unveils Unauthorized User Data Access, Highlighting Emerging Phishing Threat ..... 155

Are Bots Behind the Apple Vision Pro Pre-Order Sell Out? ..... 156

Water management conglomerate hit by ransomware. AI's use in ransomware attacks. .... 156

Roblox Game 'Hack-A-Cat' Now Part of the Free KnowBe4 Children's Interactive Cybersecurity Activity Kit ..... 156

37C3: how ethical hackers broke DRM on trains | Kaspersky official blog ..... 156

Bitcoin ransomware gang claims to have hacked major UK water provider - Protos 157

Ransomware cyberattack hits KCATA, call centers most impacted - KCTV5 ..... 157

VexTrio TDS: Inside a massive 70,000-domain cybercrime operation..... 157

CISA's Water Sector Guide Puts Incident Response Front & Center..... 157

ChatGPT Cybercrime Discussions Spike to Nearly 3K Posts on Dark Web ..... 158

HHS Details New Cyber Performance Goals for Health Sector ..... 158

Managed Ransomware Detect & Respond (RDR) Offering From Zyston ..... 158

Black Basta claims hack on Southern Water - Computing.co.uk ..... 158

Commercial Banking Takes on Reverse Proxy Phishing ..... 159

Financial tech firm EquiLend says recovery after cyberattack 'may take several days' ..... 159

45% of critical CVEs left unpatched in 2023 ..... 159

Facebook AdsManager Targeted by a Python Infostealer, (Thu, Jan 25th)..... 159

Darktrace, Garland Technology collaborate to enhance cybersecurity in complex OT environments ..... 159

Veracity Industrial debuts combination virtual switch and OT-SDN Controller running on a single device ..... 160

Memory chip giant SK Hynix returns to profit on strong AI demand..... 160

China-backed Hackers Hijack Software Updates to Implant "NSPX30" Spyware.... 160

US regulators have done little to address firmware vulnerabilities, think tank argues ..... 160

Sequence Security partners with Vercara to prevent sophisticated automated API attacks ..... 161

Zscaler Adds SASE Offering to Zero-Trust Portfolio of Cloud Services ..... 161

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Linux Kernel 6.7 Released with Various Security Improvements ..... 161

TuxCare Extended Lifecycle Support for CentOS 7 Offers Unmatched Security, Compliance, and Migration Guidance ..... 161

New Deepfake Video Scam has “Taylor Swift” Offering Free French Cookware ..... 161

ColdRiver APT: Google TAG Warns Against Russian APT Group is Using a Custom Backdoor ..... 162

GitHub, NPM Registry Abused To Host SSH Key-Stealing Malware ..... 162

\$1.7 Billion Stolen In Cryptocurrency Hacks In 2023 ..... 162

Leaks and Revelations: A Web of IRGC Networks and Cyber Companies..... 162

Dangerous Trends: YouTube Stream-Jacking Attacks Reach Alarming Levels..... 163

Infineon providing 1200V CoolSiC MOSFET devices for Sinexcel’s energy storage systems..... 163

\$2.4 trillion securities platform owner hacked. EquiLend admits “unauthorised access” ..... 163

LODEINFO Fileless Malware Evolves with Anti-Analysis and Remote Code Tricks 163

Critical Jenkins Vulnerability Exposes Servers to RCE Attacks - Patch ASAP! ..... 164

Another Phobos Ransomware Variant Launches Attack – FAUST ..... 164

1Kosmos BlockID 1Key secures users in restricted environments ..... 164

Kyndryl and Cisco unveil two security edge services ..... 164

Vercara introduces the Private Data Lake feature into UltraDNS..... 165

US suffered cyberattacks from 168 threat actors in 2023 ..... 165

Pure Malware Tools Pose As Legitimate Software to Bypass AV Detections..... 165

Abu Dhabi Investment Firm Warns About Scam Efforts ..... 165

Expect ‘AI versus AI’ cyber activity between US and adversaries, Pentagon official says ..... 165

Navitas and SHINRY open joint R&D power lab ..... 166

Secret Service to revive the Cyber Investigations Advisory Board..... 166

Will All Li-ion Battery Chemistries Be Recycled? ..... 166

"A limited amount of data has been published": Southern Water confirms ransomware attack ... ..... 166

'Midnight Blizzard' Breached HPE Email Months Before Microsoft Hack..... 167

US FTC Launches Investigation Into Tech Giants' AI Influence..... 167

Ardent Health Services Files Notice of Data Breach in the Wake of Ransomware Attack..... 167

Cybersecurity: Ransomware Hacker Gangs Shift to Zero-Day Vulnerabilities in 2024

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



..... 168

Russian Sentenced To Five Years In Prison For Trickbot Malware | Barron's..... 168

Critical Cisco Flaw Lets Hackers Remotely Take Over Unified Comms Systems.... 168

New Concordia study shows offshore wind farms are vulnerable to cyberattacks... 168

Social Engineering Attacks Rising in the Trucking Industry ..... 168

Hackers target WordPress database plugin active on 1 million sites ..... 169

systematic restoration work continues after the ransomware attack – first customer ...  
- Tietoevry ..... 169

Call centers impacted, services continue after ransomware attack hits KCATA early  
Tuesday - Yahoo..... 169

BISD Board approves quote of over \$37000 for ransomware software - WTVB..... 169

SystemBC Malware's C2 Server Analysis Exposes Payload Delivery Tricks..... 170

Fintech Company EquiLend Restoring Systems Following Cyberattack..... 170

Regula introduces smart testing for remote onboarding efficiency..... 170

Searchlight Cyber adds AI-powered language translation to simplify dark web  
investigations ..... 170

ITRC Report: Breaches Up 78% in 2023, Breaking 2021 Record..... 171

Budget cuts loom for data privacy initiatives ..... 171

Longer passwords aren't safe from intensive cracking efforts ..... 171

GuidePoint reports alarming rise in ransomware, mostly impacting manufacturing and  
technology industries ..... 171

Senate Committee debuts bipartisan bill to add OT, ICS environments to federal  
employee cyber competition ..... 172

Post-cyberattack restoration of Pennsylvania county's dispatch system underway | SC  
Media ..... 172

KYOCERA SLD Laser demos high-speed underwater wireless optical communication  
and custom GaN laser capabilities..... 172

CISA Emergency Directive Demands Action on Ivanti Zero-Day Vulnerabilities..... 173

Guerrilla RF adds two ¼W linear PAs and two LNAs, targeting cellular compensators  
for automotive market ..... 173

Malicious Ads on Google Target Chinese Users with Fake Messaging Apps..... 173

GitLab Arbitrary File Write Vulnerability (CVE-2024-0402) Alert..... 173

Data Privacy Week: Companies are Banning Generative AI Due to Privacy Risks . 174

Microsoft Teams Adds Support for 3D Immersive Meetings to Enhance Collaboration  
..... 174

3D printed electronic skin provides promise for human-machine interaction ..... 174

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



Authentication bypass exploit in GoAnywhere MFT | Kaspersky official blog ..... 174

Pegasus Spyware Targets Togolese Journalists' Mobile Devices ..... 174

Invoice Phishing Alert: TA866 Deploys WasabiSeed & Screenshotter Malware..... 175

Widespread phishing campaign deployed by reemerging TA866 ..... 175

Hackers Drain Wallets via Cracked macOS Apps using Scripts Accessed From DNS Records..... 175

QR Code Scammers are Changing Tactics to Evade Detection ..... 175

Ukraine Arrests Hacker for Assisting Russian Missile Strikes..... 176

5.3k Servers Still Vulnerable To GitLab Password Reset Flaw..... 176

Interview with the Knight Group, the heir of Cyclops - DataBreaches.net..... 176

Ransomware Attack: Fitch Ratings Warns of Credit Implications As Cyber Attacks Pose Risks ..... 176

Microsoft releases first Windows Server 2025 preview build ..... 177

New Leaks Expose Web of Iranian Intelligence and Cyber Companies ..... 177

Bastille Raises \$44M Series C Investment Led by Goldman Sachs Asset Management..... 177

ICS Ransomware Danger Rages Despite Fewer Attacks - Dark Reading ..... 177

Kahua Announces Data Breach Following Ransomware Attack - JD Supra..... 177

\$10 billion cyber-insurance sector fears war, AI, ransomware ahead | Fortune..... 178

Therapy Provider Notifying 4 Million Patients of PJ&A Hack..... 178

Civil Society Sounds Alarms on UN Cybercrime Treaty..... 178

New strain of the Phobos ransomware discovered in VBA script | SC Media ..... 178

Microsoft sheds some light on Russian email heist – and how to learn from Redmond's mistakes..... 179

MyPertamina - 5,970,416 breached accounts..... 179

Ransomware In Virtual Machines - TrendTICtrendTIC - Nation World News ..... 179

Cyberattacks impact Ukrainian state-owned critical infrastructure orgs | SC Media 179

AllaKore RAT Malware Targeting Mexican Firms with Financial Fraud Tricks..... 180

Intel Arc Battlemage Laptop GPUs Allegedly Cancelled: Arc B770 to Feature 8192 Cores? ..... 180

Intel's Fab 9 Will Allow the Chipmaker to Produce a Viable Rival to AMD's 3D V-Cache ..... 180

Ottawa-based cyberfraudster sentenced to 2 years | CBC News ..... 180

X Launches Secure Login with Passkey for iOS Users in US..... 181

Fortra's GoAnywhere MFT Software Faces Exploitation, No Evidence of Active

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Exploitation Detected ..... 181

Algorand X account hacker brags they're still in control after 'taking a nap' - Protos 181

One of the world's biggest web hosting companies revealed that it eradicated nearly ... - TechRadar ..... 181

HEAL Security secures \$4.6 million in funding for healthcare cybersecurity..... 182

Clay County issues 2nd notice of data breach - Minnesota - InForum..... 182

HP Enterprise Reveals Hack Conducted by State-backed Russian Hackers ..... 182

Shadowy world of ransomware-for-hire revealed by online account activity linked to ... - The Guardian..... 182

New Ransomware Reporting Requirements Kick in as Victims Increasingly Avoid Paying..... 182

New Soap2day Domains Emerge Despite Legal Challenges ..... 183

Anduril Is Helping The Air Force To Develop Its Loyal Wingman Drone..... 183

AI-Guided Integrated Resource Optimization for Mission Readiness ..... 183

AI-enabled Valkyrie drone teases future of US Air Force fleet..... 183

Will our AI-powered killer robots turn on us?..... 184

Nvidia founder Jensen Huang meets with TSMC counterparts to discuss AI ..... 184

UMC shares tumble despite Intel deal ..... 184

German semiconductor students to arrive in March..... 184

Economy to grow 3.5 percent in 2024: DBS Bank ..... 185

Greenpeace urges end to renewable energy monopoly ..... 185

Economy could expand 3.1 percent this year: CIER..... 185

China Steel Chemical to triple graphite capacity..... 185

ASML annual profits surge to US\$8.5bn..... 186

Prosecutors probing Ponzi scheme targeting TSMC employees ..... 186

December electricity use increases 1.61% annually ..... 186

Industrial production index down 12.45% in 2023..... 186

Ottawa-based cyberfraudster sentenced to 2 years - DataBreaches.net..... 186

Machine tool exports tipped to be flat or rise slightly..... 187

ProLogium touts new EV battery plant in Taoyuan ..... 187

EDITORIAL: Taiwan-Japan trade only to expand ..... 187

PixPirate: The Brazilian financial malware you can't see ..... 187

China buys US\$40 billion in gear to skirt US controls ..... 188

TSMC still eyeing 1nm fab venues following report ..... 188

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Hon Hai announces joint semiconductor OSAT venture with India’s HCL Group .... 188  
AllaKore RAT: Malware Target Mexican Banks and Crypto Platforms..... 188  
Foreign investors in about-face over Taiwan stocks ..... 189  
US aid office in Colombia reports its Facebook page was hacked - Houston Chronicle  
..... 189  
Minnesota county service clients' sensitive information compromised in ransomware  
attack ..... 189  
UMC shares tumble despite Intel deal ..... 189  
Economy to grow 3.5 percent in 2024: DBS Bank ..... 189  
750 million Indian mobile subscribers' info for sale on dark web..... 190  
Intel issues bleak forecast..... 190  
Chainalysis Reveals Decline in Crypto Crime, Stablecoins Emerge as Preferred  
Choice..... 190  
UMC shares tumble despite Intel deal ..... 190  
UK: Coventry school reprimanded for data breach after IT system 'hacked three times'  
..... 191  
Microsoft Might Be Sharing Your Outlook Emails Without Your Knowledge ..... 191  
MUN President Confirms: Ransomware was Behind Cyberattack on Their Grenfell  
Campus..... 191  
Meta is Collecting Consumers Data from Thousands of Firms ..... 191  
Nvidia CEO tours China offices amid US curbs ..... 192  
Export orders drop for a second consecutive year amid global woes ..... 192  
Liquid RAM Flexes for Wearables, Robots, Implants..... 192  
Watch out for "I can't believe he is gone" Facebook phishing posts ..... 192  
Australia identifies hacker behind major cyberattack ..... 192  
Fortinet: Ransomware incidents surge in the Philippines - Back End News ..... 193  
European solar struggles against Chinese panels ..... 193  
Without clear guidance, SEC’s new rule on incident reporting may be detrimental . 193  
NTUH lauds AI pancreatic cancer breakthrough..... 193  
ams OSRAM launches SYNIOS P1515 automotive signaling LEDs..... 194  
US to announce billions in subsidies for advanced chips: WSJ ..... 194  
First Solar acquires facility for use as distribution center to serve expanding Ohio  
manufacturing footprint ..... 194  
Hanjin poised for aggressive overseas expansion in 2024 ..... 194  
High prices, project financing woes to hamper Korea's growth in 2024: experts ..... 195

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Korea to spend \$74.9 mil. in 2024 for reshoring companies .....	195
China enters hi-tech imaging race with new 'core' electron microscope for semiconductor industry .....	195
Egress report highlights rising concern over phishing threats - SecurityBrief New Zealand .....	195
LockBit confirms Foxsemicon ransomware attack - Cyber Daily.....	196
Ransomware Sends Doctors to Court Over \$50 Patient Extortion - Bloomberg Law News.....	196
DarkGate Malware Abuses AutoIT Scripting For Payload Obfuscation.....	196
World Bank chief stresses population growth to sustain future .....	196
SK hynix vows to solidify leadership in high-growth AI chip market.....	196
Data Disaster: 35M Customers in Peril as VF's Breach Unveils .....	197
New NTLM Hash Leak Attacks Target Outlook, Windows Programs.....	197
2 Koreans caught for suspected smuggling of US chips to China.....	197
SK hynix swings to Q4 operating profit on rising demand for premium chips .....	197
Info Stealing Packages Hidden in PyPI.....	198
Industry minister calls for export diversification.....	198
Captchaone.azurewebsites.net ads .....	198
S. Korea, US hold 1st joint cyber security drill .....	198
AI emerges as top cybersecurity issue in 2024: Samsung SDS .....	198
Password purgatory .....	199
Local shares lose luster due to high returns of US, Japanese stock markets .....	199
Samsung deploys premium marketing in India to retain top spot.....	199
'Doomsday Clock' signals existential threats of nuclear war, climate disasters and AI .....	199
Worlds no 2 memory chip maker sk hynix reports surprise profit.....	199
Improper restriction of XML external entity references (XXE) in Electronic Deliverables Creation Support Tool provided by Ministry of Defense.....	200
Onfido Compliance Suite simplifies local and global identity verification .....	200
US chip battle with China catches South Korea in the crossfire.....	200
ASML orders triple in fourth quarter amid soaring demand for advanced chip gear	200
Zscaler unveils Zero Trust SASE solution for simplified security implementation ....	201
Nvidia, TSMC CEOs meet in Taiwan as chip constraints threaten AI boom .....	201
Apple debuts new feature to frustrate iPhone thieves.....	201
US wants cloud firms to report foreign users building AI applications.....	201

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

CISA, FBI, EPA Offer Cybersecurity Guide for Water System Operators ..... 202

India awards one of its highest civilian honours to Taiwanese Foxconn CEO ..... 202

Tech war strong china demand chip tools bolsters revenue lam research and asml despite us trade ..... 202

Cybercriminals train guns on supply chains - Inquirer Business ..... 202

Senior us and chinese commerce officials poised meet and tackle business communities concerns ..... 203

Nvidia CEO’s low-key China visit seen as a goodwill gesture towards key market.. 203

US lawmaker moves to ban Chinese biotech firms from contracts on military link... 203

Nvidia chief visits China for first time in 4 years amid mainland market headwinds. 203

Shanghai failed to achieve 5.5% economic growth target for 2023 amid ‘complex and severe’ external environment, mayor says..... 204

Taiwan export orders plunge as global inflation fears outpace demand for AI gear. 204

Taiwan’s president-elect faces new era with legislature in the balance ..... 204

Bad bot traffic skyrockets across the web ..... 205

CloudFoxable: Open-source AWS penetration testing playground ..... 205

Geopolitics adding to cyber risks; Singapore companies are attractive targets ..... 205

The EU and China can’t agree on key issues. Is this ‘a recipe for a trade war’? ..... 205

FTC Bans InMarket for Selling Precise User Location Without Consent..... 205

Top Unexpected Ways to Utilise a Password Manager for Enhanced Security and Organisation..... 206

Hong kong stocks extend rebound alibaba jumps 5 insider buying china vows more support calm market ..... 206

Boardroom cyber expertise comes under scrutiny ..... 206

Uncovering Hidden Threats with VirusTotal Code Insight..... 206

Nvidia, TSMC CEOs meet in Taiwan as chip constraints threaten AI boom ..... 207

How to Use Context-Based Authentication to Improve Security ..... 207

China is testing 16nm chips in space while Nasa sticks to 250nm process ..... 207

How to prepare your business for Digital Operational Resilience Act (DORA) implementation?..... 207

US wants cloud firms to report foreign users building AI applications..... 208

Google-Backed Israeli University Launches Cyber-Analyst Course..... 208

How to avoid malware on Linux systems ..... 208

Chinas smartphone market recovers 2023 amid increased competition huaweis strong comeback 5g handset..... 208

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

88% of organizations use passwords as primary authentication method ..... 209

China containment becomes a lose-lose strategy for everyone ..... 209

Chinese consumers offered double priced apple vision pro mixed reality headsets  
grey market ahead ..... 209

The Unknown Risks of The Software Supply Chain: A Deep-Dive ..... 209

Break the fake: The race is on to stop AI voice cloning scams ..... 210

Exploit Code Released For Critical Fortra GoAnywhere Bug ..... 210

China plans to turn hi-tech lab innovations into globally competitive goods ..... 210

WaterISAC: 15 Security Fundamentals You Need to Know ..... 210

Taiwan’s president-elect faces new era with legislature in the balance ..... 210

Hackers Deploy Malicious npm Packages on GitHub to Steal SSH Keys ..... 211

Chinese scientists create ‘dream bullet’ years after US abandons project ..... 211

Cybersecurity education from childhood is a vital tool: 72% of children worldwide have  
experienced at least one type of cyber threat ..... 211

Taiwan export orders plunge as global inflation fears outpace demand for AI gear. 211

China’s Guangdong to ‘shoulder major responsibility’ to aid 2024 economic growth,  
makes Greater Bay Area top priority ..... 212

The Impact of AI-Generated Content on Internet Quality ..... 212

The EU and China can’t agree on key issues. Is this ‘a recipe for a trade war’? ..... 212

Hong Kong finance sector on pace in AI deployment, but concerns persist: survey 213

Russian hacker Aleksandr Ermakov linked to prominent 2022 Australia data breach  
..... 213

Despite Vietnam’s appeal to Chinese manufacturers, some are ‘trapped in losses’ 213

2024 State of Ransomware in Education: 92% spike in K-12 attacks ..... 213

Peters and Braun Introduce Bipartisan Bill to Bolster Government’s Cybersecurity  
Capabilities ..... 214

Korean kimchi makers turn to AI for quality control, as population falls and export  
demand rises thanks to popularity of Korean wave ..... 214

Ransomware Attacks Spotlight Need for FIs to Gauge Third-Party Risk ..... 214

Why AI isn’t changing our world yet (give it 10 more years) ..... 214

IC Tool Vendors Eye Cloud-Native Future ..... 215

Samsung integrate baidus ai model new galaxy s24 handsets mainland chinese rivals  
push new ..... 215

Hackers Blast Violent Gaza Message at a Popular Israeli Movie Theater ..... 215

Alibaba launches AI-assisted slide-deck creation tool through cloud storage platform

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



Quark ..... 215

How smart warehouse automation has improved efficiency and safety in Netherlands and Hungary ..... 216

iPhone apps abuse iOS push notifications to collect user data..... 216

Using Google Search to Find Software Can Be Risky ..... 216

Nvidia, TSMC CEOs meet in Taiwan as chip constraints threaten AI boom ..... 216

Cisco warns of a critical bug in Unified Communications products, patch it now! .... 217

Fintech giant Ant Group sets up AI unit led by former Google researcher ..... 217

Microsoft Warns of Widening APT29 Espionage Attacks Targeting Global Orgs..... 217

Cisco Vulnerability Fix: Protection From High-Risk Threats..... 217

Microsoft briefly hit US\$3 trillion value to surpass Apple, shares close at record on AI optimism..... 218

Westermo Switch Vulnerabilities Can Facilitate Attacks on Industrial Organizations218

Musician Brian Eno on why he doesn't trust tech titans with AI ..... 218

How hong kong government initiative entices fintech ai data science and advanced manufacturing ..... 218

ResourceActivity Mac virus ..... 219

Rabbit, US\$200 AI-powered gadget, becomes unexpected hit after CES 2024 launch by Chinese entrepreneur ..... 219

Prevent BEC with AI-Powered Email and Collaboration ..... 219

Blackwood hijacks software updates to deploy NSPX30 – Week in security with Tony Anscombe ..... 219

UK firm pauses AI chat function after bot swears at customer..... 220

4 Key Takeaways from the BlackBerry Global Threat Intelligence Report..... 220

US opens antitrust probe on Big Tech investments in OpenAI, Anthropic ..... 220

Navigating the Future: DevOps Predictions for 2024 ..... 220

ByteDance executive leaves to start cross-border e-commerce venture after Shein, Temu success in US ..... 221

Keeping your data safe: Pitfalls to avoid when shopping online - Digital Journal..... 221

Citadel.One Suffered A Cyberattack On The Arbitrum Network, Incurring \$93,000 Loss ..... 221

Is your confidential info safe? More can be done to beef up personal data protection rules ..... 221

Annual cost of recovering from cybercrime can be as much as US\$5 Mn: Barracuda - ciosea ..... 222

Major spike in public sector attacks in 2023: Report, CIOSEA News, ETCIO SEA.. 222

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



Cybercriminals embrace smarter strategies, less effort - Help Net Security ..... 222

Businesses advised to brace for increased cyber attacks in 2024 - New Telegraph 222

Hong Kong industrial property picks up amid rising data centre demand ..... 223

'A whole different ballgame': Samsung aims for next level in health tracking ..... 223

Senior us and chinese commerce officials poised meet and tackle business communities concerns ..... 223

Hong Kong police arrest 219 people over swindling residents out of HK\$500 million ..... 223

China's new energy, automation sectors show big gains in job demand: report..... 224

Us china science deal must address american national security concerns senior state department..... 224

Google moves rid chrome browser third party cookies will it bolster data security or just tech..... 224

Skills-based practices needed to replenish America's talent pipeline ..... 225

TSMC stock sale makes up 80 percent of stabilization fund's gains ..... 225

DBS forecasts 3.5% growth for Taiwan's economy in 2024..... 225

Hon Hai Chair honored with India's Padma Award ..... 225

TIER forecast of Taiwan 2024 GDP growth rate remains 3.15% ..... 226

UMC to collaborate with Intel on new foundry..... 226

Taiwan shares end above 18,000 points, led by TSMC..... 226

30 German students to come to Taiwan for chip production training ..... 226

Taiwan shares end little changed with tech stocks in consolidation..... 226

Greenpeace calls for end to Taipower's dominance of renewables supply ..... 227

Industrial production down for 19th straight month in December ..... 227

Taiwan shares continue uptrend as TSMC gains..... 227

Taiwan shares end up as tech sector steams ahead ..... 227

TSMC still considering where to build 1nm fab after Chiayi report..... 228

Taiwan shares end above 18,000 points, led by TSMC..... 228

More than 80% of Taiwan's CEOs confident in national economy: Survey..... 228

Salaries to rise 2%-5% in Taiwan in 2024: Recruitment consultancy..... 228

Kansas City public transportation authority hit by ransomware..... 228

Subscription Required ..... 229

Eager for economic wins Biden to announce billions for advanced chips ..... 229

Gms cruise confirms DOJ investigation of driverless car incident b249c13b ..... 229

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Intel stock sinks on tepid sales forecast Lpmb04oz5y3Q4YQ8sd6a..... 229

Dupont stock plummets on shaky outlook TSrjMGGMLHMLBqr4slj ..... 229

Tech stocks nvidia microsoft rise 288c36d1..... 230

Wuxi apptec related shares tumble on proposed u s bill aimed at chinese biotech companies a2d1a5ab..... 230

Heard on the street the chip industry is preparing for renewed growth BHJoBVRdMTy8iAnXvHpO ..... 230

Intel hopes for a factory reset a6OWCNSMraAyKjCaQndj ..... 230

A smarter way to play china bailout roulette 8502fb02..... 231

Why it makes sense for new ev drivers to look beyond tesla 44a78425 ..... 231

Layoffs remote work data 980ed59d..... 231

Intel intc q4 earnings report 2023 8b61b812..... 231

The samsung rival taking an early lead in the race for ai memory chips ff0e6538 ... 232

Stock market today dow jones earnings 01 26 2024..... 232

Apple boeing gm usher in latest week of packed earnings 5905cffe..... 232

Global stocks markets dow news 01 26 2024 05099cf8 ..... 232

Mckinseys top leader faces vote to unseat him d172c03e ..... 233

Tesla makes it harder for investors to ignore its problems 511a2c40 ..... 233

Global stocks markets dow news 01 23 2024 0ad6a147 ..... 233

The ipo market is struggling in its first big test of the year 2b06540a..... 233

Global stocks markets dow news 01 24 2024 0998cc2d ..... 233

Esg forget term 2b9e57e8 ..... 234

Global supply chains are in flux here s what s changing according to citi EW3wfkfuVptN4vM0giDP ..... 234

The middle east crisis is starting to weigh on the economy 6c2302a1..... 234

Retailers return to bringing in inventory just in time 4613e3ee..... 234

Red sea houthis disruptions retail 507ac940 ..... 235

Ge gives muted outlook as breakup looms knocking stock YFz5PpHrjKmSfxNLgHH3 ..... 235

Houthi attacks wont threaten global natural gas security 72628e8d ..... 235

Labor supply helped tame inflation it might not have much more to give 0d694844 235

Private equity owned medical apparel seller careismatic files for bankruptcy 357e17e7 ..... 236

Armed with new 3 8 billion fund arlington capital forms defense manufacturer keel 0646ee40 ..... 236

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Sion power raises 75 million for push to build a better ev battery 5c38ab5d ..... 236

Ocean shipping rates surge as red sea attacks continue 2c21beeb ..... 236

What executives were saying about sustainability at davos a1b7fea2..... 237

Enforcement of china forced labor import ban needs to be much tougher say u s  
lawmakers 4fce562f ..... 237

Ai delivery faster cheaper 37566215..... 237

Why America’s controls on sales of AI tech to China are so leaky..... 237

New york city passed an ai hiring law so far few companies are following it 7e31a5b7  
..... 238

Ahead of new hampshires gop primary a look at the granite states economy ca10f4b9  
..... 238

Ukraine strikes russian fuel terminal on baltic sea in long range attack 76692dd5 .. 238

Deep freeze knocked out millions of barrels of u s oil output  
wDbMi8wUixPUM9Gw9UZ1 ..... 238

Negative advertising consumer brands 9b80f299 ..... 239

Some private equity firms stick with natural gas despite climate concerns bb767750  
..... 239

Biden pauses approvals for lng exports 3d065745 ..... 239

National security adviser jake sullivan to meet chinas wang yi for talks on houthi  
attacks in red sea 51f28d8f..... 239

China urges iran to lean on houthis to halt red sea attacks iranian officials say  
2b0fb57b ..... 240

Nokia starts to see green shoots despite continuing challenges 57f7def8 ..... 240

U s issues 15 million bounty targeting alleged iran drone middleman 6bde3bf9 ..... 240

Ericsson sees network challenges continuing in 2024 0c127a4e ..... 240

Retailers reduce racial profiling 65a32d27 ..... 241

Heating your house will be cheaper this winter thanks to natural gas boom 315bf682  
..... 241

Consumers simple packaging 5f49f46e ..... 241

Apple boeing gm usher in latest week of packed earnings 5905cffe..... 241

Eu tackles new 20 billion plan to boost ukraine military aid 79d52b6b..... 242

Ecb holds rates as investors shift expectations of cuts 9ea733a5 ..... 242

Tiny gaza is home to most of the worlds hungriest people df62eeda..... 242

Amazon hopes to dominate the world of streaming ads it faces some challenges  
along the way 7176a7a2 ..... 242

The most important man in finance youve never heard of 58069d32 ..... 243

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Vista global private jet market ad1e4727 ..... 243

Palantir technologies stock business outlook 515f1b5a..... 243

Employees slow down work 3a0e0866 ..... 243

Angola africa china us railroad f0e23523 ..... 244

Cyber management details emerge under sec rules 83b92b41 ..... 244

Microsoft balances sec disclosure rules after email hack c571c6ff..... 244

Australia sanctions russian individual for medibank cyberattack 314cf7b3..... 244

Hewlett packard enterprise suffered cyber breach over months last year 4f2b0241 245

Equilend a securities lending platform hit by cyberattack f219fbdf..... 245

Copyright ai works 87ae841a..... 245

Can ai solve legacy tech problems companies are putting it to the test 36d9c490 .. 245

Ftc announces ai review to probe roles of microsoft open ai 4255398a ..... 245

How we can control ai 327eeecf ..... 246

Microsoft closes above 3 trillion as its big ai play generates excitement e37ea2a4. 246

Sap launches eur2 billion restructuring affecting 8 000 jobs amid ai push 121eb316  
..... 246

Intel intc q4 earnings report 2023 8b61b812..... 246

Microsoft is back on track for a 3 trillion market cap 0u3r0qiNSMzlh0RpF5uw..... 247

Ibm revenue growth tops expectations on strong ai demand  
gdBJBVEvb05QNJn7Rq4k ..... 247

How to get rid of phone distractions and get more done d1f9d63d ..... 247

Global emissions from electricity set to fall even as power demand climbs iea predicts  
181b5227 ..... 247

Stock market today dow jones earnings 01 25 2024..... 248

Why elon musk is comparing index fund consultants to isis dd8b9a90..... 248

Sony's virtual studio aims to cut costs of Hollywood blockbusters ..... 248

Elon Musk: China automakers would 'demolish' rivals without trade barriers ..... 248

OpenAI's Altman to meet Samsung, SK Hynix during Korea trip ..... 249

South Korea sees global export share ranking in key tech industries fall to 5th from  
2nd place ..... 249

Several new wafer fabs in Japan to come online in 2024 ..... 249

Intel reportedly to integrate Samsung's LPDDR5X in Lunar Lake CPU by 3D  
packaging..... 249

Backend firm Lingsen reportedly in Humane Ai Pin supply chain ..... 250

Upcoming flagship smartphones to drive power amplifier demand ..... 250

The articles have been curated by an independent team of subject matter experts to raise  
awareness in the dynamic field of cyber-physical security issues with systems, software and  
hardware assurance including risks in the supply chain.

ITRI unveils ambitious 2035 tech roadmap and sustainability initiatives..... 250

World's no. 2 memory chip maker SK Hynix reports surprise profit ..... 250

China imports over 400 lithography machines from the Netherlands in past five years  
..... 251

Smart homes to fuel growth for Chinese MCU businesses..... 251

ASML orders triple as demand for most-advanced gear soars ..... 251

'Taiwanese Chips Act' to take effect in February, aiming to cement semiconductor  
leadership ..... 251

China's import of South Korean semiconductor materials skyrockets in 2023 ..... 251

Supply chains shift to localized short chains..... 252

Japan-based semiconductor equipment suppliers thrive with increased demand in  
China and generative AI ..... 252

TSMC and Samsung accelerate UCIe commercialization, entering chiplet mass  
production race in 1H24 ..... 252

Rockwell focuses market strategy in Taiwan on semiconductors, fine chemicals, and  
biotech-medical..... 253

China-based semiconductor equipment suppliers expected to continue surging growth  
in 2024 ..... 253

Marvell Tech sees India as R&D center for advanced CMOS and other chips ..... 253

Indian cabinet approves MoU on semiconductors with EU ..... 253

Intel and UMC's alliance may reshuffle foundry market rankings..... 254

Intel, UMC form foundry partnership ..... 254

Chinese government support produces 100 domestic EDA vendors, but few will  
survive ..... 254

Taiwan to purchase quantum computers from Finland ..... 254

Chinese power component makers yet to see demand pick up ..... 254

Weekly news roundup: US congress urges tariffs amid concerns over China's chip  
dominance ..... 255

Dutch startup Innatera unveils T1: a game-changing RISC-V neural-type MCU in the  
edge AI sensor market..... 255

SK Hynix said to diversify HBM equipment sources, optimizing processes ..... 255

Intel provides weak guidance, boasts advancements in foundry business ..... 256

Intel reportedly to integrate Samsung's LPDDR5X in Lunar Lake CPU by 3D  
packaging..... 256

Intel-UMC to boost Intel market share via advanced foundry services for UMC  
customer base ..... 256

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Products such as Vision Pro and AI Pin could lead to demand recovery for end-user devices in 2H24 ..... 256

Samsung's Taylor TX fab delays tool-in plans again..... 257

OpenAI refuses to queue for AI chips; will build its fab faster to get them? ..... 257

For PCB manufacturers, improving specs is key to recovery..... 257

Chinese AI processor developers face challenges ..... 257

Apple to obtain initial 2nm capacity from TSMC, sources say..... 257

Taiwan IC designers seeking investment tax credit for EDA and software tools..... 258

Adata sees low-priced inventory boost profitability in 4Q23..... 258

Texas Instruments posts disappointing guidance, signaling weakness in chip industry ..... 258

Huawei unveils Kirin 9000W, but what's the difference with the 7nm Kirin 9000S? . 258

Porotech and PSMC team up to produce 200mm GaN-on-Si microLEDs ..... 259

Asus forecasts 5% growth in 2024 PC shipments, as AI PCs see delayed takeoff.. 259

TSMC CoWoS capacity expansion to support AI server sales..... 259

OpenAI's wishlist: billions, freedom from Nvidia, in-house AI chip production ..... 259

Edge AI could catapult growth for chip manufacturers in 2024 ..... 260

Rapidus to focus on specialized AI chips and not compete with TSMC..... 260

Japan-based semiconductor equipment suppliers thrive with increased demand in China and generative AI ..... 260

Ennostar slows down microLED capacity expansions, expecting mass production momentum for TV applications after 2027 ..... 260

Samsung hopes 2nd-gen 3nm process help narrow gap with TSMC ..... 261

For Pegatron, lower profit margins may not be drawback..... 261

NEV price war effectiveness: opinions differ across supply chain..... 261

CXMT and YMTC to step up development pace..... 261

TSMC, ASEH gearing up to expand advanced packaging capacity..... 262

China buys near-record \$40 Billion of chip gear to beat US curbs..... 262

Chinese exports of battery material graphite plunge on controls ..... 262

Kyushu IC production value hits JPY1 trillion for first time in 16 years..... 262

The rising tide of satellite-to-cell connectivity in smartphones ..... 263

Micron, Samsung, and SK Hynix vie for HBM dominance in AI era ..... 263

Quanta to embrace AI, says chairman..... 263

Integrated PMICs to become mainstream power solution for AI servers, says Infineon ..... 263

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Singapore repitch incentives for TSMC to produce advanced chips there ..... 264

Taiwan's hacking crisis exposes semiconductor firms' Achilles supply chains..... 264

AI is hacker's delight while OT remains high-risk, says Palo Alto Networks ..... 264

Digital forensics to benefit from LLM automated cybersecurity ..... 264

US spies want AI as tool against China if tech can be trusted ..... 265

India special report: low costs, favorable policies, a sea of talent made India IT service hub ..... 265

Samsung's Indian R&D center plays key role in AI smartphone development..... 265

Indian Samsung Galaxy S24 pre-orders blow S23 record out of water..... 265

AI healthcare: Moderna CIO highlights transformative role at CES 2024 ..... 265

Seagate expands areal density for the AI era ..... 266

Latest financial results indicate Tesla's 3 challenges and 2 opportunities..... 266

Thinking Electronic steps up deployment in automotive sector..... 266

For IPC industry, growth in 2024 depends on recovery in China ..... 266

Chinese silicon wafer suppliers increasing production capacity..... 267

Products such as Vision Pro and AI Pin could lead to demand recovery for end-user devices in 2H24 ..... 267

Panasonic's aviation-grade automotive Gyro Sensor to tame the road..... 267

Chiplets market to ride on a strong 42.5% CAGR..... 267

Kakao unveils MLLM, aiming to create S. Korean version of Google's Gemini..... 268

Shipment estimates for Samsung's Galaxy S24 series set at 32 million units ..... 268

MIH CEO Jack Cheng sees the EV industry more solution-driven at CES 2024 ..... 268

ASML expects strong rebound in 2025, optimistic about orders from memory makers ..... 268

EDOM Technology's professional bridging services ..... 269

Phison's AI applications see adoption by Kingston and OSE..... 269

APT opens new plant for advanced packaging process solutions ..... 269

IC inspection labs enjoy gradual pickup in orders for consumer electronics ..... 269

SK Hynix reports financial results for 2023, 4Q23..... 270

For PCB manufacturers, improving specs is key to recovery..... 270

Google launches AI-first startup accelerator for ecosystem expansion..... 270

Automakers and auto tech developers unveil latest concept vehicles and AI techs at CES 2024, says DIGITIMES Research..... 270

Gen AI boom leads to mammoth big tech job purge ..... 271

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



AMD harnesses the AI boom for growth in 2024..... 271

ASEH, JCET gearing up for AI biz opportunities..... 271

CES 2024 auto tech and car showcases ..... 271

AT&S commences Malaysian IC substrate plant, start supplying AMD by year-end 272

Backend houses choose Malaysia as new hub for factory expansion ..... 272

TSMC CoWoS capacity expansion to support AI server sales..... 272

Apple's Vision Pro catalyzes Japanese XR HMD renaissance ..... 272

4Q23 PC shipments slip, shipment momentum to return in 1H24..... 272

BYD eyes Tesla's crown, pours investment into smart car technology ..... 273

Samsung launches Galaxy S24, igniting global AI smartphone war ..... 273

Chenbro announces next-gen high-performance server chassis with latest Intel and AMD platforms ..... 273

Global server shipments to return to growth in 2024..... 273

AI-powered overhaul: Galaxy S24 series display panels get a major upgrade ..... 274

DRAM and NAND flash prices may rise through 4Q24..... 274

Nvidia's Jensen Huang embarks on first China visit in 5 years ..... 274

Samsung Electro-Mechanics to enter glass substrate market ..... 274

What's causing Samsung to balk at adding satellite communication to Galaxy S24? ..... 275

Qualcomm ignites the 6th edition of the Taiwan Innovation Challenge focused on AI PCs and Edge AI ..... 275

Samsung's self-developed AP Exynos 2400 revives, thanks to AI ..... 275

Quanta to embrace AI, says chairman..... 275

Galaxy S24 completes the final piece of Samsung's AI puzzle..... 276

Sakana AI secures US\$30M from Sony and co., paving the way for Japan's GenAI leap ..... 276

Samsung to make S24 series in India and expand exports ..... 276

Boeing Reinstalled Panel That Later Blew Out of 737 Max Jet..... 276

United, Alaska aim to resume service on grounded jets in next few days..... 277

Southern Water says Black Basta ransomware attack compromised customer data records ..... 277

Finnish IT company Tietoevry blames Akira ransomware group for a major attack on its ... ..... 277

Defense startups risk becoming failed experiment without more pentagon dollars dc9e663a ..... 277

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Damage From Cyber Attack on Sweden May Take Weeks to Recover -  
Bloomberg.com..... 277

*If you have publicly available contribution that you would like to share that may be added to this weekly report in the future, please send them to [daniel.dimase@aerocyonics.com](mailto:daniel.dimase@aerocyonics.com) along with the URL for the document.*

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

## For a list of events to attend:

### ***Chip Industry events for 2024***

Source: <https://semiengineering.com/semiconductor-events/>

## Events - Online

### ***Accident Reconstruction Digital Summit***

Source: <https://www.sae.org/attend/accident-reconstruction-digital-summit>

February 6–7, 2024

### ***Wine Down Wednesday: Enabling a Global Resilient Supply Chain with Technology Leadership***

Source: <https://smta.org/events/EventDetails.aspx?id=1801588&group=>

February 7, 2024

### ***Cybersecurity Standardisation Conference 2024***

Source: [https://www.enisa.europa.eu/events/cybersecurity\\_standardisation\\_2024](https://www.enisa.europa.eu/events/cybersecurity_standardisation_2024)

March 5, 2024

### ***Electric Vehicle Charging Infrastructure Conference, an SAE Sustainability Event - Electric Vehicle Charging Infrastructure Conference***

Source: <https://www.sae.org/attend/electric-vehicle-charging-infrastructure-conference>

March 5–6, 2024

### ***Wine Down Wednesday: Working and Living Abroad: The Good, the Bad, and the Ugly***

Source: <https://smta.org/events/EventDetails.aspx?id=1801590&group=>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

March 13, 2024

***ESDA Webinar: Chiplet Security - Current and Future***

Source: <https://www.semi.org/en/esda-webinar-chiplet-security-current-and-future-2024>

March 14, 2024

***Compound Semiconductor Materials Europe TC Chapter Meeting 2024***

Source: <https://www.semi.org/en/event/compound-semiconductor-materials-europe-tc-chapter-meeting-2024>

April 9, 2024

## Events - In-person

***MD&M West - Advancing Manufacturing Excellence Through Medical Devices***

Source: <https://www.imengineeringwest.com/en/show/show-brands/mdm-west.html>

February 6-8, 2024

***Cyber Risk & Insurance Innovation Europe 2024***

Source: <https://www.cyber-insurance-innovation-eu.com/>

February 8, 2024

***Gartner Security & Risk Management Summit 2024, Dubai, UAE***

Source: <https://www.gartner.com/en/conferences/emea/security-risk-management-uae>

February 12-13, 2024

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***International Solid-State Circuits Conference***

Source: <https://www.isscc.org/>

February 18-22, 2024

***CISO Sydney 2024***

Source: <https://ciso-syd.coriniumintelligence.com/>

February 20-21, 2024

***Phil Kaufman Award & Banquet***

Source: <https://www.semi.org/en/event/phil-kaufman-award-banquet>

February 22, 2024

***PDS Professional Development Seminar Grand Canyon University***

Source: <https://www.semi.org/en/connect/events/pds-professional-development-seminar-grand-canyon-university>

February 22, 2024

***SPIE Advanced Lithography + Patterning***

Source: <https://spie.org/conferences-and-exhibitions/advanced-lithography-and-patterning/attend>

February 25-29, 2024

***Zero Trust World 2024***

Source: <https://zerotrustworld.threatlocker.com/>

February 26-28, 2024

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***Space Beach Law Lab***

Source: <https://www.spacelawlab.com/>

February 27-29, 2024

***PDS Professional Development Seminar Austin Community College***

Source: <https://www.semi.org/en/event/pds-professional-development-seminar-austin-community-college>

February 29, 2024

***Cybersecurity Standardisation Conference 2024***

Source: [https://www.enisa.europa.eu/events/cybersecurity\\_standardisation\\_2024](https://www.enisa.europa.eu/events/cybersecurity_standardisation_2024)

March 5, 2024

***Counterfeit Electronics & Materials Symposium***

Source: <https://smta.org/mpage/anticounterfeit/>

March 5 - 6, 2024

***Cloud & Cyber Security Expo***

Source: <https://www.cloudsecurityexpo.com/>

March 6-7, 2024

***Advanced Packaging Seminar 2024***

Source: <https://www.semi.org/en/event/person-advanced-packaging-seminar-mar2024>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

March 6-7, 2024

***Industry Strategy Symposium Europe***

Source: <https://www.semi.org/eu/connect/events/industry-strategy-symposium-europe>

March 6-8, 2024

***PDS Professional Development Seminar San Jose State University 2024***

Source: <https://www.semi.org/en/event/pds-professional-development-seminar-san-jose-state-university-2024>

March 7, 2024

***Capital Expo & Tech Forum***

Source: <https://smta.org/events/EventDetails.aspx?id=1796329&group=>

March 7, 2024

***Smart Data-AI Seminar***

Source: <https://www.semi.org/en/event/aiseminar-mar2024>

March 7, 2024

***Members' Networking Night***

Source: <https://www.semi.org/en/event/membersnight-mar2024>

March 7, 2024

***CREATING TOMORROW'S HEALTH***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



Source: <https://www.himssconference.com/en/homepage.html>

March 11-15, 2024

***Connect, Learn, and Advance at AeroTech®***

Source: <https://www.sae.org/attend/aerotech/>

March 12-14, 2024

***2024 On-Board Diagnostics Symposium-Europe***

Source: <https://www.sae.org/attend/obd-europe>

March 12-14, 2024

***Black Hat Spring Trainings 2024***

Source: <https://www.blackhat.com/tr-24/>

March 12-15, 2024

***Monterrey Expo & Tech Forum***

Source: <https://smta.org/events/EventDetails.aspx?id=1800623&group=>

March 14, 2024

***2nd ENISA Cybersecurity Policy Conference***

Source: <https://www.enisa.europa.eu/events/2nd-enisa-cybersecurity-policy-conference>

March 14, 2024

***ACS SPRING 2024: Connect with peers. Get the latest insights in chemistry.***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.acs.org/meetings/acs-meetings/spring.html>

March 17-21, 2024

***GOMACTech 2024***

Source: <https://www.gomactech.net/>

March 18-21, 2024

***Dallas Expo & Tech Forum***

Source: <https://smta.org/events/EventDetails.aspx?id=1788944&group=>

March 19, 2024

***PDS Professional Development Seminar Miami University 2024***

Source: <https://www.semi.org/en/event/pds-professional-development-seminar-miami-university-2024>

March 19, 2024

***IT & Cybersecurity Meetings - 19, 20 & 21 mars 2024***

Source: <https://www.it-and-cybersecurity-meetings.com/en>

March 19-21, 2024

***Laser World of Photonics (LWOP) China***

Source: <https://www.world-of-photonics-china.com.cn/en-us/>

March 20-22, 2023

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***Houston Expo & Tech Forum***

Source: <https://smta.org/events/EventDetails.aspx?id=1788947&group=>

March 21, 2024

***Focus on Microscopy Conference Website***

Source: <https://www.focusonmicroscopy.org/2024-home/>

March 24-27, 2024

***Cyber Security Training at SANS Orlando 2024***

Source: <https://www.sans.org/cyber-security-training-events/2024/>

March 24-29, 2024

***North America Standards Spring Meetings 2024***

Source: <https://www.semi.org/en/event/north-america-standards-spring-meetings-2024>

March 25-28, 2024

***ICCWS - 19th International Conference on Cyber Warfare and Security***

Source: <https://www.academic-conferences.org/conferences/iccws/>

March 26-27, 2024

***Réinventer la cybersécurité à l'ère de l'IA***

Source: <https://europe.forum-incyber.com/>

March 26-28, 2024

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***Cyber Florida presents Sunshine Cyber Conference***

Source: <https://cyberflorida.org/sunshine/>

March 27-28, 2024

***IPC APEX EXPO 2024***

Source: <https://www.ipcapexexpo.org/>

April 6-11, 2024

***SPIE Photonics Europe 2024***

Source: <https://spie.org/conferences-and-exhibitions/photonics-europe>

April 7 - 11, 2024

***WICYS Women in Cybersecurity 2024***

Source: <https://www.wicys.org/events/wicys-2024/>

April 11-13, 2024

***Physical Interfaces Carriers Japan TC Chapter Meeting***

Source: <https://www.semi.org/en/event/physical-interfaces-carriers-japan-tc-chapter-meeting-0>

April 12, 2024

***Information Control Japan TC Chapter Meeting Cloned***

Source: <https://www.semi.org/en/event/information-control-japan-tc-chapter-meeting-cloned>

April 16, 2024

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***Fundamentals of Product Marketing 2.5***

Source: <https://www.questteam.com/classroom/fpm.html>

April 16-18, 2024

***WCX 2024***

Source: <https://wcx.sae.org/>

April 16-18, 2024

***Black Hat Asia 2024***

Source: <https://www.blackhat.com/asia-24/>

April 16-19, 2024

***Gulf Information Security Expo & Conference (GISEC)***

Source: <https://www.gisec.ae/default.aspx>

April 23-24, 2024

***37th International Electric Vehicle Symposium & Exhibition***

Source: <https://evs37korea.org/main.asp>

April 23-26, 2024

***OPIE '24 (OPTICS & PHOTONICS International Exhibition 2024)***

Source: <https://www.opie.jp/en/about/>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

April 24 - 26, 2024

***Silicon Wafer Japan TC Chapter Meeting***

Source: <https://www.semi.org/en/event/silicon-wafer-japan-tc-chapter-meeting>

April 26, 2024

***SEMI Arizona Golf Classic***

Source: <https://www.semi.org/en/connect/events/semi-arizona-golf-classic>

May 2, 2024

***CLEO - Laser Science to Photonic Applications***

Source: <https://www.cleoconference.org/home>

May 5-10, 2024

***RSA Conference 2024***

Source: <https://www.rsaconference.com/usa>

May 6-9, 2024

***Wisconsin Expo & Tech Forum***

Source: <https://smta.org/events/EventDetails.aspx?id=1812783&group=>

May 7, 2024

***Vehicle Automation Symposium: Getting to SAE Level 4™***

Source: <https://www.sae.org/attend/vehicle-automation-symposium>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

May 7-8, 2024

**13th CISO Leaders Australia Summit**

Source: <https://focusnetwork.co/cisoleaders.com.au/sydney/>

May 9, 2024

**Ciudad Juarez Expo & Tech Forum**

Source: <https://smta.org/events/EventDetails.aspx?id=1806784&group=>

May 9, 2024

**TRACEABILITY JAPAN TC CHAPTER MEETING**

Source: <https://www.semi.org/en/event/traceability-japan-tc-chapter-meeting-0>

May 9, 2024

**Advanced Semiconductor Manufacturing Conference - ASMC 2024**

Source: <https://www.semi.org/en/connect/events/advanced-semiconductor-manufacturing-conference-asmc>

May 13-16, 2024

**Electronics in Harsh Environments Conference and Exhibition**

Source: <https://smta.org/events/EventDetails.aspx?id=1780904&group=>

May 14-16, 2024

**EV Mobility 2030**

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



Source: <https://stage.advancedautobat.com/aabc-europe/ev-mobility-2030>

May 15-16, 2024

***Key Semiconductor Account Selling and Management***

Source: <https://www.questteam.com/classroom/ksm.html>

May 15-17, 2024

***HackMiami XI: May 15 - 18, 2024 - HackMiami Conference XI 2024***

Source: <https://hackmiami.com/>

May 15-18, 2024

***Women in Semiconductors - WIS***

Source: <https://www.semi.org/en/connect/events/women-in-semiconductors-wis>

May 16, 2024

***Rocky Mountain Expo & Tech Forum***

Source: <https://smta.org/events/EventDetails.aspx?id=1799503&group=>

May 16, 2024

***GITEX Europe***

Source: <https://www.gitex-europe.com/>

May 21-23, 2024

***16th Annual FIB SEM Meeting***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://fibsem.net/>

May 22 – 23, 2024

***LIQUID CHEMICALS JAPAN TC CHAPTER MEETING***

Source: <https://www.semi.org/en/event/liquid-chemicals-japan-tc-chapter-meeting>

May 24, 2024

***GITEX Africa***

Source: <https://gitexafrica.com/>

May 29-31, 2024

***HIMSS24 European Health Conference & Exhibition***

Source: <https://www.himss.org/event-himss-europe>

May 29-31, 2024

***Upper Midwest Expo & Tech Forum***

Source: <https://smta.org/events/EventDetails.aspx?id=1796357&group=>

June 4, 2024

***Infosecurity Europe - Everyone and Everything You Need to Know in Information Security***

Source: <https://www.infosecurityeurope.com/en-gb.html>

June 4-6, 2024

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***LASYS - International Trade Fair for Laser Material Processing***

Source: <https://www.messe-stuttgart.de/lasys/>

June 4 - 6, 2024

***GS1 Connect: The All-Inclusive Supply Chain Event of the Year***

Source: <https://www.gs1us.org/education-and-events/events/gs1-connect>

June 4-6, 2024

***Techno Security & Digital Forensics Conference 2024***

Source: <https://www.technosecurity.us/east>

June 4-6, 2024

***Querétaro Expo & Tech Forum***

Source: <https://smta.org/events/EventDetails.aspx?id=1806786&group=>

June 6, 2024

***AeroCON2024***

Source: <https://saeindia.org/aerocon2024/>

June 6-7, 2024

***Ontario Expo & Tech Forum***

Source: <https://smta.org/events/EventDetails.aspx?id=1816599&group=>

June 11, 2024

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

**.conf24 User Conference**

Source: <https://conf.splunk.com/>

June 11-14, 2024

**EPHJ - The World of High Precision - Palexpo Geneva**

Source: <https://ephj.ch/en/>

June 11-14, 2024

**CO2 Reduction for Transportation Systems Conference**

Source: <https://conferences.ata.it/>

June 12-13, 2024

**Vendor & Third Party Risk Europe**

Source: <https://www.cefpro.com/forthcoming-events/vendor-third-party-risk-europe/>

June 12-13, 2024

**3D and Systems Summit**

Source: <https://www.semi.org/eu/connect/events/3d-and-systems-summit>

June 12-14, 2024

**International Styrian Noise, Vibration & Harshness**

Source: <https://www.isnvh.at/>

June 19-21, 2024

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***Oregon Expo & Tech Forum***

Source: <https://smta.org/events/EventDetails.aspx?id=1815028&group=>

June 20, 2024

***Symposium on Counterfeit Parts & Materials - United States***

Source: <https://smta.org/events/EventDetails.aspx?id=1780918&group=>

June 25-27, 2024

***Stuttgart International Symposium***

Source: <https://www.fkfs-veranstaltungen.de/en/events/stuttgart-symposium>

July 2-3, 2024

***Laser Korea 2024***

Source: <https://laserkorea.or.kr/eng/main/main.php>

July 3 - 5, 2024

***The 23rd International Conference on Ultrafast Phenomena***

Source: <https://www.up2024.org/>

July 14-19, 2024

***METRICS JAPAN TC CHAPTER MEETING***

Source: <https://www.semi.org/en/event/metrics-japan-tc-chapter-meeting-0>

July 26, 2024

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***Black Hat USA 2024***

Source: <https://www.blackhat.com/upcoming.html>

August 3-8, 2024

***DEF CON Security Training***

Source: <https://training.defcon.org/>

August 12-13, 2024

***Chihuahua Expo & Tech Forum***

Source: <https://smta.org/events/EventDetails.aspx?id=1800625&group=>

August 15, 2024

***Long Island Expo & Tech Forum***

Source: <https://smta.org/events/EventDetails.aspx?id=1796370&group=>

August 20, 2024

***Laser & Photonics Taiwan 2024***

Source: <https://www.chanchao.com.tw/laserexpo/en/>

August 21 - 24, 2024

***Michigan Expo & Tech Forum***

Source: <https://smta.org/events/EventDetails.aspx?id=1796345&group=>

August 27, 2024

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***Ohio Valley Expo & Tech Forum***

Source: <https://smta.org/events/EventDetails.aspx?id=1800264&group=>

August 29, 2024

***Annual Privacy Forum 2024***

Source: <https://www.enisa.europa.eu/events/annual-privacy-forum-2024>

September 4-5, 2024

***PCI SSC 2024 North America Community Meeting***

Source: <https://events.pcisecuritystandards.org/>

September 10-12, 2024

***COMVEC***

Source: <https://comvec.sae.org>

September 10-12, 2024

***Guadalajara Expo & Tech Forum***

Source: <https://smta.org/events/EventDetails.aspx?id=1800618&group=>

September 11-12, 2024

***SEMICON India 2024***

Source: <https://www.semi.org/en/connect/events/semicon-india-2024>

September 11-13, 2024

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***Brake Colloquium & Exhibition***

Source: <https://www.sae.org/attend/brake/>

September 15 - 18, 2024

***Techno Security & Digital Forensics Conference***

Source: <https://www.technosecurity.us/west>

September 16-18, 2024

***On-Board Diagnostics Symposium-Americas***

Source: <https://www.sae.org/attend/obd-na>

September 17-19, 2024

***MIND THE SEC 2023***

Source: <https://www.mindthesec.com.br/>

September 17-19, 2024

***Gartner Security & Risk Management Summit 2024, London, U.K.***

Source: <https://www.gartner.com/en/conferences/emea/security-risk-management-uk>

September 23-25, 2024

***Micronora - Microtechnology, high precision and nanotechnology trade fair***

Source: <https://micronora.com/en/>

September 24 - 27, 2024

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



***ICSCRM - the premiere international forum FOR Silicon Carbide***

Source: <https://www.icscrm-2024.org/>

September 29 - October 4, 2024

***Thermal Management Systems Symposium***

Source: <https://www.sae.org/attend/thermal/>

October 2-3, 2024

***Neuroscience 2024***

Source: <https://www.sfn.org/meetings/neuroscience-2024>

October 5 - 9, 2024

***PCI SSC 2024 Europe Community Meeting***

Source: <https://events.pcisecuritystandards.org/>

October 8-10, 2024

***Cloud Expo Asia***

Source: <https://www.cloudexpoasia.com/>

October 9-10, 2024

***Télécharger le Livre Blanc de l'édition 2022 des Assises***

Source: <https://en.lesassisesdelacybersecurite.com/>

October 9-12, 2024

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***GITEX Global***

Source: <https://gitex.com/home>

October 14-18, 2024

***SMTA International Conference & Exposition***

Source: <https://smta.org/events/EventDetails.aspx?id=1780909&group=>

October 21-24, 2024

***LA/OC Expo and Tech Forum***

Source: <https://smta.org/events/EventDetails.aspx?id=1816574&group=>

November 5, 2024

***CISO Leaders Thailand***

Source: <https://focusnetwork.co/cisoleadersthailand.com/>

November 7, 2024

***Tijuana Expo & Tech Forum***

Source: <https://smta.org/events/EventDetails.aspx?id=1806788&group=>

November 7, 2024

***Vietnam Business Summit - Connecting Vietnam to the Sea Semiconductor Ecosystem***

Source: <https://www.semi.org/en/sea/events/vbs2024>

November 7-8, 2024

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

**LASER World of PHOTONICS (LWOP) INDIA**

Source: <https://world-of-photonics-india.com/en/>

November 7 - 9, 2024

**Orlando 2024, ISF World Congress**

Source: <https://www.securityforum.org/attend/orlando-2024-isf-world-congress/>

November 9-12, 2024

**CIPRE - Critical Infrastructure Protection & Resilience Europe**

Source: <https://www.cipre-expo.com/>

November 12-14, 2024

**IEEE International Conference on PHYSICAL ASSURANCE and INSPECTION of ELECTRONICS (PAINE)**

Source: <https://paine-conference.org/>

November 12-14, 2024

**Energy & Propulsion Conference & Exhibition**

Source: <https://www.sae.org/attend/energy-propulsion-conference>

November 12-14, 2024

**Space Coast Expo & Tech Forum**

Source: <https://smta.org/events/EventDetails.aspx?id=1812361&group=>

November 14, 2024

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

**PCI SSC 2024 Asia-Pacific Community Meeting**

Source: <https://events.pcisecuritystandards.org/>

November 20-21, 2024

**CS4CA: Cyber Security for Critical Assets Summit**

Source: <https://mena.cs4ca.com/>

January 28-29, 2025

**THOTCON 0xD - Chicago's Hacking Conference**

Source: <https://www.thotcon.org/>

May 2025

## Request for Comments

**Federal Acquisition Regulation: Implementation of Federal Acquisition Supply Chain Security Act (FASCSA) Orders**

Source: <https://www.federalregister.gov/documents/2023/11/28/2023-26046/federal-acquisition-regulation-implementation-of-federal-acquisition-supply-chain-security-act>

Extension of comment period. Comments due: February 2, 2024

**NIST SP 1800-38, Migration to Post-Quantum Cryptography: Preparation for Considering the Implementation and Adoption of Quantum Safe Cryptography**

Source: [https://csrc.nist.gov/pubs/sp/1800/38/iprd-\(1\)](https://csrc.nist.gov/pubs/sp/1800/38/iprd-(1))

Comments due: February 20, 2024

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***NIST SP 800-100 Rev. 1, PRE-DRAFT Call for Comments | Information Security Handbook: A Guide for Managers Initial Preliminary Draft***

Source: <https://csrc.nist.gov/pubs/sp/800/100/r1/iprd>

Comments due: February 23, 2024

***NIST SP 1800-29, Data Confidentiality: Detect, Respond to, and Recover from Data Breaches***

Source: <https://csrc.nist.gov/pubs/sp/1800/29/ipd>

Comments due: February 23, 2024

***Cybersecurity Maturity Model Certification Program Proposed Rule Published***

Source: <https://www.govinfo.gov/content/pkg/FR-2023-12-26/pdf/2023-27280.pdf>

Additional sources:

<https://www.defense.gov/News/Releases/Release/Article/3626384/cybersecurity-maturity-model-certification-program-proposed-rule-published/>

<https://www.regulations.gov/docket/DOD-2023-OS-0063>

Comments due February 26, 2024

***NIST SP 800-55 Vol. 1, Measurement Guide for Information Security: Volume 1 — Identifying and Selecting Measures Initial Public Draft***

Source: <https://csrc.nist.gov/pubs/sp/800/55/v1/ipd>

Comments Due: March 18, 2024

***NIST SP 800-55 Vol. 2, Measurement Guide for Information Security: Volume 2 — Developing an Information Security Measurement Program Initial Public Draft***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://csrc.nist.gov/pubs/sp/800/55/v2/ipd>

Comments Due: March 18, 2024

**SPACE TECHNOLOGY ADVANCED RESEARCH-FAST-TRACKING INNOVATIVE SOFTWARE AND HARDWARE (STAR-FISH) ADVANCED RESEARCH ANNOUNCEMENT (ARA) WITH CALLS**

Source: <https://sam.gov/opp/a8de62c4477549ddb33e06255c9ff79/view>

Comments due: April 23, 2025

## Patches/Advisories

### ***CISA Adds One Known Exploited Vulnerability to Catalog***

Source:

<https://www.cisa.gov/news-events/alerts/2024/01/23/cisa-adds-one-known-exploited-vulnerability-catalog>

### ***Apple Releases Security Updates for Multiple Products***

Source:

<https://www.cisa.gov/news-events/alerts/2024/01/23/apple-releases-security-updates-multiple-products>

### ***Security Snippets: Microsoft SharePoint vulnerability to watch out for***

Source:

<https://www.jdsupra.com/legalnews/security-snippets-microsoft-sharepoint-3407484/>

### ***CISA Releases Six Industrial Control Systems Advisories***

Source:

<https://www.cisa.gov/news-events/alerts/2024/01/23/cisa-releases-six-industrial-control-systems-advisories>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***CISA Adds One Known Exploited Vulnerability to Catalog***

Source:

<https://www.cisa.gov/news-events/alerts/2024/01/24/cisa-adds-one-known-exploited-vulnerability-catalog>

***Crestron AM-300***

Source: <https://www.cisa.gov/news-events/ics-advisories/icsa-24-023-02>

***Lantronix XPort***

Source: <https://www.cisa.gov/news-events/ics-advisories/icsa-24-023-05>

***Orthanc Osimis DICOM Web Viewer***

Source: <https://www.cisa.gov/news-events/ics-medical-advisories/icsma-24-023-01>

***Mozilla Releases Security Updates for Thunderbird and Firefox***

Source:

<https://www.cisa.gov/news-events/alerts/2024/01/24/mozilla-releases-security-updates-thunderbird-and-firefox>

***Review – 6 Advisories Published – 1-23-24***

Source:

<https://chemical-facility-security-news.blogspot.com/2024/01/review-6-advisories-published-1-23-24.html>

***Cisco Releases Security Advisory for Multiple Unified Communications and Contact Center Solutions Products***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source:

<https://www.cisa.gov/news-events/alerts/2024/01/25/cisco-releases-security-advisory-multiple-unified-communications-and-contact-center-solutions>

### ***Opteev MachineSense FeverWarn***

Source: <https://www.cisa.gov/news-events/ics-advisories/icsa-24-025-01>

### ***SystemK NVR 504/508/516***

Source: <https://www.cisa.gov/news-events/ics-advisories/icsa-24-025-02>

### ***CISA Releases Two Industrial Control Systems Advisories***

Source:

<https://www.cisa.gov/news-events/alerts/2024/01/25/cisa-releases-two-industrial-control-systems-advisories>

### ***Review – 2 Advisories Published – 1-25-24***

Source:

<https://chemical-facility-security-news.blogspot.com/2024/01/review-2-advisories-published-1-25-24.html>

### ***Review – Public ICS Disclosures – Week of 1-20-24***

Source: [https://chemical-facility-security-news.blogspot.com/2024/01/review-public-ics-disclosures-week-of-1\\_27.html](https://chemical-facility-security-news.blogspot.com/2024/01/review-public-ics-disclosures-week-of-1_27.html)

### ***Juniper Networks Releases Security Bulletin for J-Web in Junos OS SRX Series and EX Series***

Source:

<https://www.cisa.gov/news-events/alerts/2024/01/29/juniper-networks-releases-security-bulletin-j-web-junos-os-srx-series-and-ex-series>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



**CVE-2023-6267**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-6267>

From the Article: "If annotation based security is used to secure a REST resource, the JSON body that the resource may consume is being processed (deserialized) prior to the security constraints being evaluated and applied. This does not happen with configuration based security."

**CVE-2023-52355**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-52355>

From the Article: "An out-of-memory flaw was found in libtiff that could be triggered by passing a crafted tiff file to the TIFFRasterScanlineSize64() API."

**CVE-2024-23655**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-23655>

From the Article: "Starting in version 3.118.12 and prior to version 3.119.10, an attacker is able to send a manipulated email so that the user can no longer use the app to get access to received emails."

**CVE-2024-23656**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-23656>

From the Article: "Dex 2.37.0 serves HTTPS with insecure TLS 1.0 and TLS 1.1. ``cmd/dex/serve.go`` line 425 seemingly sets TLS 1.2 as minimum version, but the whole ``tlsConfig`` is ignored after ``TLS cert reloader`` was introduced in v2.37.0."

**CVE-2024-0885**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-0885>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "A vulnerability classified as problematic has been found in SpyCamLizard 1.230. Affected is an unknown function of the component HTTP GET Request Handler."

**CVE-2024-22635**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-22635>

From the Article: "WebCalendar v1.3.0 was discovered to contain a reflected cross-site scripting (XSS) vulnerability via the component /WebCalendarvqsmnseug2/edit\_entry.php."

**CVE-2024-0889**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-0889>

From the Article: "A vulnerability was found in Kmint21 Golden FTP Server 2.02b and classified as problematic."

**CVE-2024-0921**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-0921>

From the Article: "A vulnerability has been found in D-Link DIR-816 A2 1.10CNB04 and classified as critical."

**CVE-2024-22861**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-22861>

From the Article: "Integer overflow vulnerability in FFmpeg before n6.1, allows attackers to cause a denial of service (DoS) via the avcodec/osq module."

***Zero-day Confluence RCE Vulnerability Blocked by Contrast Runtime Security | CVE-2023-22527 | Contrast Security***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://securityboulevard.com/2024/01/zero-day-confluence-rce-vulnerability-blocked-by-contrast-runtime-security-cve-2023-22527-contrast-security/>

From the Article: "If your organization is running an older version of Atlassian Confluence Server that's affected by CVE-2023-22527"

### **CVE-2024-23738**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-23738>

From the Article: "An issue in Postman version 10.22 and before on macOS allows a remote attacker to execute arbitrary code via the RunAsNode and enableNodeCliInspectArguments settings."

### **CVE-2024-23730**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-23730>

From the Article: "The OpenAPI and ChatGPT plugin loaders in LlamaHub (aka llama-hub) before 0.0.67 allow attackers to execute arbitrary code because safe\_load is not used for YAML."

### **CVE-2023-38318**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-38318>

From the Article: "An issue was discovered in OpenNDS before 10.1.3."

### **Traceroute 2.1.2 Privilege Escalation**

Source: <https://packetstormsecurity.com/files/176660/traceroute212-escalate.txt>

From the Article: "In Traceroute versions 2.0.12 through to 2.1.2, the wrapper scripts mishandle shell metacharacters, which can lead to privilege escalation if the wrapper scripts are executed via sudo."

### [Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

### **MajorDoMo Command Injection**

Source:

[https://packetstormsecurity.com/files/176669/majordomo\\_cmd\\_inject\\_cve\\_2023\\_50917.rb.txt](https://packetstormsecurity.com/files/176669/majordomo_cmd_inject_cve_2023_50917.rb.txt)

From the Article: "This Metasploit module exploits a command injection vulnerability in MajorDoMo versions before 0662e5e."

### **Gentoo Linux Security Advisory 202401-26**

Source: <https://packetstormsecurity.com/files/176666/glsa-202401-26.txt>

From the Article: "Gentoo Linux Security Advisory 202401-26 - Multiple vulnerabilities have been found in Apache XML-RPC, the worst of which could result in arbitrary code execution."

### **Gentoo Linux Security Advisory 202401-28**

Source: <https://packetstormsecurity.com/files/176705/glsa-202401-28.txt>

From the Article: "Gentoo Linux Security Advisory 202401-28 - Multiple vulnerabilities have been discovered in GOOCR, the worst of which could lead to arbitrary code execution."

### **CVE-2024-0939**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-0939>

From the Article: "A vulnerability has been found in Beijing Baichuo Smart S210 Management Platform up to 20240117 and classified as critical. This vulnerability affects unknown code of the file /Tool/uploadfile.php."

### **CVE-2024-20253**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-20253>

From the Article: "A vulnerability in multiple Cisco Unified Communications and Contact

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Center Solutions products could allow an unauthenticated, remote attacker to execute arbitrary code on an affected device."

#### **CVE-2023-31037**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-31037>

From the Article: "NVIDIA Bluefield 2 and Bluefield 3 DPU BMC contains a vulnerability in ipmitool, where a root user may cause code injection by a network call. A successful exploit of this vulnerability may lead to code execution on the OS."

#### **CVE-2024-0810**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-0810>

From the Article: "Insufficient policy enforcement in DevTools in Google Chrome prior to 121.0.6167.85 allowed an attacker who convinced a user to install a malicious extension to leak cross-origin data via a crafted Chrome Extension."

#### **CVE-2024-22372**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-22372>

From the Article: "OS command injection vulnerability in ELECOM wireless LAN routers allows a network-adjacent attacker with an administrative privilege to execute arbitrary OS commands by sending a specially crafted request to the product."

#### **CVE-2023-52329**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-52329>

From the Article: "Certain dashboard widgets on Trend Micro Apex Central (on-premise) are vulnerable to cross-site scripting (XSS) attacks that may allow an attacker to achieve remote code execution on affected servers."

#### **CloudLinux CageFS 7.0.8-2 Insufficiently Restricted Proxy Command**

##### [Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://packetstormsecurity.com/files/176791/SBA-ADV-20200707-02.txt>

From the Article: "CloudLinux CageFS versions 7.0.8-2 and below insufficiently restrict file paths supplied to the sendmail proxy command. This allows local users to read and write arbitrary files of certain file formats outside the CageFS environment."

#### **CVE-2023-46892**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-46892>

From the Article: "The radio frequency communication protocol being used by Meross MSH30Q 4.5.23 is vulnerable to replay attacks, allowing attackers to record and replay previously captured communication to execute unauthorized commands or actions (e.g., thermostat's temperature)."

#### **CVE-2023-52330**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-52330>

From the Article: "A cross-site scripting vulnerability in Trend Micro Apex Central could allow a remote attacker to execute arbitrary code on affected installations of Trend Micro Apex Central."

#### **CVE-2023-47193**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-47193>

From the Article: "An origin validation vulnerability in the Trend Micro Apex One security agent could allow a local attacker to escalate privileges on affected installations."

#### **CVE-2021-42142**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2021-42142>

From the Article: "An issue was discovered in Contiki-NG tinyDTLS through master branch 53a0d97. DTLS servers mishandle the early use of a large epoch number. "

#### [Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

**CVE-2023-36177**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-36177>

From the Article: "An issue was discovered in badaix Snapcast version 0.27.0, allows remote attackers to execute arbitrary code and gain sensitive information via crafted request in JSON-RPC-API."

**CVE-2023-35835**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-35835>

From the Article: "An issue was discovered in SolaX Pocket WiFi 3 through 3.001.02. The device provides a WiFi access point for initial configuration."

**CVE-2022-4964**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2022-4964>

From the Article: "Ubuntu's pipewire-pulse in snap grants microphone access even when the snap interface for audio-record is not set."

**CVE-2023-51711**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-51711>

From the Article: "An issue was discovered in Regify Regipay Client for Windows version 4.5.1.0 allows DLL hijacking: a user can trigger the execution of arbitrary code every time the product is executed."

**CVE-2024-0665**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-0665>

From the Article: "The WP Customer Area plugin for WordPress is vulnerable to Reflected Cross-Site Scripting via the 'tab' parameter in all versions up to, and including, 8.2.1 due to insufficient input sanitization and output escaping. "

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

**CVE-2024-22135**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-22135>

From the Article: "Unrestricted Upload of File with Dangerous Type vulnerability in WebToffee Order Export & Order Import for WooCommerce."

**CVE-2024-22294**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-22294>

From the Article: "Exposure of Sensitive Information to an Unauthorized Actor vulnerability in IP2Location IP2Location Country Blocker."

**CVE-2023-50274**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-50274>

From the Article: "HPE OneView may allow command injection with local privilege escalation."

**CVE-2023-50275**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-50275>

From the Article: "HPE OneView may allow clusterService Authentication Bypass resulting in denial of service."

**CVE-2024-22490**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-22490>

From the Article: "Cross Site Scripting (XSS) vulnerability in beetl-bbs 2.0 allows attackers to run arbitrary code via the /index keyword parameter."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



**CVE-2024-22496**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-22496>

From the Article: "Cross Site Scripting (XSS) vulnerability in JFinalcms 5.0.0 allows attackers to run arbitrary code via the /admin/login username parameter."

**CVE-2023-45889**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-45889>

From the Article: "A Universal Cross Site Scripting (UXSS) vulnerability in ClassLink OneClick Extension through 10.8 allows remote attackers to inject JavaScript into any webpage."

**CVE-2024-0749**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-0749>

From the Article: "A phishing site could have repurposed an `about:` dialog to show phishing content with an incorrect origin in the address bar."

**CVE-2024-0750**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-0750>

From the Article: "A bug in popup notifications delay calculation could have made it possible for an attacker to trick a user into granting permissions."

**CVE-2024-0751**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-0751>

From the Article: "A malicious devtools extension could have been used to escalate privileges."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

**CVE-2024-0753**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-0753>

From the Article: "In specific HSTS configurations an attacker could have bypassed HSTS on a subdomain. "

**CVE-2024-0755**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-0755>

From the Article: "Memory safety bugs present in Firefox 121, Firefox ESR 115.6, and Thunderbird 115.6. Some of these bugs showed evidence of memory corruption and we presume that with enough effort some of these could have been exploited to run arbitrary code."

**CVE-2023-49657**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-49657>

From the Article: "A stored cross-site scripting (XSS) vulnerability exists in Apache Superset before 3.0.3."

**CVE-2024-0703**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-0703>

From the Article: "The Sticky Buttons – floating buttons builder plugin for WordPress is vulnerable to Stored Cross-Site Scripting via sticky URLs in all versions up to, and including, 3.2.2 due to insufficient input sanitization and output escaping. "

**CVE-2024-22772**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-22772>

From the Article: "Improper Input Validation in Hitron Systems DVR LGUVR-8H 1.02~4.02 allows an attacker to cause network attack in case of using default admin ID/PW."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***Improper restriction of XML external entity references (XXE) in MLIT "Electronic Delivery Check System" and "Electronic delivery item Inspection Support System"***

Source: <https://jvn.jp/en/jp/JVN77736613/>

From the Article: ""Electronic Delivery Check System" and "Electronic delivery item Inspection Support System" provided by Ministry of Land, Infrastructure, Transport and Tourism, Japan improperly restricts XML external entity references (XXE)."

***CVE-2023-39197***

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-39197>

From the Article: "An out-of-bounds read vulnerability was found in Netfilter Connection Tracking (conntrack) in the Linux kernel."

***CVE-2023-7194***

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-7194>

From the Article: "The Meris WordPress theme through 1.1.2 does not sanitise and escape some parameters before outputting them back in the page, leading to Reflected Cross-Site Scripting which could be used against high privilege users such as admin"

***CVE-2024-23848***

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-23848>

From the Article: "In the Linux kernel through 6.7.1, there is a use-after-free in cec\_queue\_msg\_fh, related to drivers/media/cec/core/cec-adap.c and drivers/media/cec/core/cec-api.c."

***CVE-2023-41474***

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-41474>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "Directory Traversal vulnerability in Ivanti Avalanche 6.3.4.153 allows a remote authenticated attacker to obtain sensitive information via the javax.faces.resource component."

**CVE-2023-52046**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-52046>

From the Article: "Cross Site Scripting vulnerability (XSS) in webmin v.2.105 and earlier allows a remote attacker to execute arbitrary code via a crafted payload to the "Execute cron job as" tab Input field."

**CVE-2023-38317**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-38317>

From the Article: "An issue was discovered in OpenNDS before 10.1.3. It fails to sanitize the network interface name entry in the configuration file, allowing attackers that have direct or indirect access to this file to execute arbitrary OS commands."

**CVE-2024-0879**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-0879>

From the Article: "Authentication bypass in vector-admin allows a user to register to a vector-admin server while "domain restriction" is active, even when not owning an authorized email address."

**CVE-2023-40547**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-40547>

From the Article: "This flaw allows an attacker to craft a specific malicious HTTP request, leading to a completely controlled out-of-bounds write primitive and complete system compromise."

**[Link back to Table of Contents](#)**

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

**CVE-2023-52076**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-52076>

From the Article: "Atril Document Viewer is the default document reader of the MATE desktop environment for Linux."

**CVE-2024-0822**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-0822>

From the Article: "This flaw allows the creation of users in the system without authentication due to a flaw in the CreateUserSession command."

**CVE-2023-44281**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-44281>

From the Article: "Dell Pair Installer version prior to 1.2.1 contains an elevation of privilege vulnerability."

**CVE-2024-22725**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-22725>

From the Article: "Orthanc versions before 1.12.2 are affected by a reflected cross-site scripting (XSS) vulnerability."

**CVE-2023-24676**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-24676>

From the Article: "An issue found in Processwire 3.0.210 allows attackers to execute arbitrary code and install a reverse shell via the download\_zip\_url parameter when installing a new module."

**CVE-2024-22751**

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-22751>

From the Article: "D-Link DIR-882 DIR882A1\_FW130B06 was discovered to contain a stack overflow via the sub\_477AA0 function."

#### **CVE-2024-23985**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-23985>

Summary: Undergoing analysis

#### **CVE-2024-22099**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-22099>

From the Article: "NULL Pointer Dereference vulnerability in Linux Linux kernel kernel on Linux, x86, ARM (net, bluetooth modules) allows Overflow Buffers."

#### **CVE-2024-23307**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-23307>

From the Article: "Integer Overflow or Wraparound vulnerability in Linux Linux kernel kernel on Linux, x86, ARM (md, raid, raid5 modules) allows Forced Integer Overflow."

#### **CVE-2023-33757**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-33757>

From the Article: "A lack of SSL certificate validation in Spliceom iPCS (iOS App) v1.3.4, iPCS2 (iOS App) v2.8 and before, and iPCS (Android App) v1.8.5 and before allows attackers to eavesdrop on communications via a man-in-the-middle attack."

#### **CVE-2023-6282**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-6282>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "IceHrm 23.0.0.OS does not sufficiently encode user-controlled input, which creates a Cross-Site Scripting (XSS) vulnerability via /icehrm/app/fileupload\_page.php, in multiple parameters. "

**CVE-2024-23855**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-23855>

From the Article: "A vulnerability has been reported in Cups Easy (Purchase & Inventory), version 1.0, whereby user-controlled inputs are not sufficiently encoded, resulting in a Cross-Site Scripting (XSS) vulnerability via/cupseasy/live/taxcodemodify.php, in multiple parameters. "

**CVE-2021-42143**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2021-42143>

From the Article: "An issue was discovered in Contiki-NG tinyDTLS through master branch 53a0d97."

**CVE-2024-23648**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-23648>

From the Article: "Pimcore's Admin Classic Bundle provides a backend user interface for Pimcore."

**CVE-2024-23897**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-23897>

From the Article: "Jenkins 2.441 and earlier, LTS 2.426.2 and earlier does not disable a feature of its CLI command parser that replaces an '@' character followed by a file path in an argument with the file's contents, allowing unauthenticated attackers to read arbitrary files on the Jenkins controller file system."

**[Link back to Table of Contents](#)**

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

**CVE-2024-23905**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-23905>

From the Article: "Jenkins Red Hat Dependency Analytics Plugin 0.7.1 and earlier programmatically disables Content-Security-Policy protection for user-generated content in workspaces, archived artifacts, etc. that Jenkins offers for download."

**CVE-2021-43584**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2021-43584>

From the Article: "DOM-based Cross Site Scripting (XSS vulnerability in 'Tail Event Logs' functionality in Nagios Nagios Cross-Platform Agent (NCPA) before 2.4.0 allows attackers to run arbitrary code via the name element when filtering for a log."

**CVE-2024-23644**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-23644>

From the Article: "In `trillium-http` prior to 0.3.12 and `trillium-client` prior to 0.5.4, insufficient validation of outbound header values may lead to request splitting or response splitting attacks in scenarios where attackers have sufficient control over headers."

**CVE-2023-45193**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-45193>

From the Article: "IBM Db2 for Linux, UNIX and Windows (includes Db2 Connect Server) 11.5 federated server is vulnerable to a denial of service when a specially crafted cursor is used."

**CVE-2023-48118**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-48118>

From the Article: "SQL Injection vulnerability in Quest Analytics LLC IQCRM v.2023.9.5

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



allows a remote attacker to execute arbitrary code via a crafted request to the Common.svc WSDL page."

#### **CVE-2024-0430**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-0430>

From the Article: "IObit Malware Fighter v11.0.0.1274 is vulnerable to a Denial of Service vulnerability by triggering the 0x8001E00C IOCTL code of the ImfHpRegFilter.sys driver."

#### **CVE-2024-0606**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-0606>

From the Article: "An attacker could execute unauthorized script on a legitimate site through UXSS using window.open() by opening a javascript URI leading to unauthorized actions within the user's loaded webpage."

#### **CVE-2023-24135**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-24135>

From the Article: "Jensen of Scandinavia Eagle 1200AC V15.03.06.33\_en was discovered to contain a command injection vulnerability in the function formWriteFacMac. "

#### **CVE-2024-23342**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-23342>

From the Article: "The `ecdsa` PyPI package is a pure Python implementation of ECC (Elliptic Curve Cryptography) with support for ECDSA (Elliptic Curve Digital Signature Algorithm), EdDSA (Edwards-curve Digital Signature Algorithm) and ECDH (Elliptic Curve Diffie-Hellman)."

#### [Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

**CVE-2023-6290**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-6290>

From the Article: "The SEOPress WordPress plugin before 7.3 does not sanitise and escape some of its settings, which could allow high privilege users such as admin to perform Cross-Site Scripting attacks even when unfiltered\_html is disallowed"

**CVE-2023-51210**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-51210>

From the Article: "SQL injection vulnerability in Webkul Bundle Product 6.0.1 allows a remote attacker to execute arbitrary code via the id\_product parameters in the UpdateProductQuantity function."

**CVE-2023-42143**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-42143>

From the Article: "Missing Integrity Check in Shelly TRV 20220811-152343/v2.1.8@5afc928c allows malicious users to create a backdoor by redirecting the device to an attacker-controlled machine which serves the manipulated firmware file."

**CVE-2023-6926**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-6926>

From the Article: "There is an OS command injection vulnerability in Crestron AM-300 firmware version 1.4499.00018 which may enable a user of a limited-access SSH session to escalate their privileges to root-level access."

**CVE-2023-7238**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-7238>

From the Article: "A XSS payload can be uploaded as a DICOM study and when a user tries to view the infected study inside the Osimis WebViewer the XSS vulnerability gets

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

triggered."

#### **CVE-2024-22154**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-22154>

From the Article: "Exposure of Sensitive Information to an Unauthorized Actor vulnerability in SNP Digital SalesKing."

#### **CVE-2023-6697**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-6697>

From the Article: "The WP Go Maps (formerly WP Google Maps) plugin for WordPress is vulnerable to Reflected Cross-Site Scripting via the map id parameter in all versions up to, and including, 9.0.28 due to insufficient input sanitization and output escaping. "

#### ***Employee Management System 1.0 SQL Injection***

Source: <https://packetstormsecurity.com/files/176685/ems10-sql.txt>

From the Article: "Employee Management System version 1.0 suffers from a remote SQL injection vulnerability."

#### **CVE-2023-6159**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2023-6159>

From the Article: "An issue has been discovered in GitLab CE/EE affecting all versions from 12.7 prior to 16.6.6, 16.7 prior to 16.7.4, and 16.8 prior to 16.8.1 It was possible for an attacker to trigger a Regular Expression Denial of Service via a `Cargo.toml` containing maliciously crafted input."

#### **CVE-2024-21387**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-21387>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "Microsoft Edge for Android Spoofing Vulnerability"

**CVE-2024-23615**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-23615>

From the Article: "A buffer overflow vulnerability exists in Symantec Messaging Gateway versions 10.5 and before. A remote, anonymous attacker can exploit this vulnerability to achieve remote code execution as root."

**CVE-2020-36771**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2020-36771>

From the Article: "CloudLinux CageFS 7.1.1-1 or below passes the authentication token as command line argument."

**CVE-2024-0782**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-0782>

From the Article: "A vulnerability has been found in CodeAstro Online Railway Reservation System 1.0 and classified as problematic."

**CVE-2022-45790**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2022-45790>

From the Article: "The Omron FINS protocol has an authenticated feature to prevent access to memory regions."

**CVE-2024-0775**

Source: <https://nvd.nist.gov/vuln/detail/CVE-2024-0775>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "A use-after-free flaw was found in the \_\_ext4\_remount in fs/ext4/super.c in ext4 in the Linux kernel."

### ***Ivanti Connect Secure Unauthenticated Remote Code Execution***

Source:

[https://packetstormsecurity.com/files/176668/ivanti\\_connect\\_secure\\_rce\\_cve\\_2023\\_46805.rb.txt](https://packetstormsecurity.com/files/176668/ivanti_connect_secure_rce_cve_2023_46805.rb.txt)

From the Article: "This Metasploit module chains an authentication bypass vulnerability and a command injection vulnerability to exploit vulnerable instances of either Ivanti Connect Secure or Ivanti Policy Secure, to achieve unauthenticated remote code execution."

## Podcasts/Videos

### ***Veolia, FeverWarn, SystemK, Fortra, GitLab, Ring, Trickbot, Aaran Leyland, and More***

Source: <https://www.scmagazine.com/podcast-segment/12392-veolia-feverwarn-systemk-fortra-gitlab-ring-trickbot-aaran-leyland-and-more-swn-357>

### ***Secret Double Octopus, Furbies, and Too Much Data!***

Source: <https://www.scmagazine.com/podcast-segment/12434-secret-double-octopus-furbies-and-too-much-data-esw-347>

### ***2024: The Year Cross-Platform Endpoint Management Finally Gets Good? - Zach Wasserman***

Source: <https://www.scmagazine.com/podcast-segment/12432-2024-the-year-cross-platform-endpoint-management-finally-gets-good-zach-wasserman-esw-347>

### ***MS Breach, printers, Android hacking - PSW #814***

Source: <https://www.scmagazine.com/podcast-segment/12477-ms-breach-printers-android-hacking-psw-814>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***What Smart CISOs and Mature Orgs Get That Others Don't About Cyber Compliance - Matt Coose***

Source: <https://www.scmagazine.com/podcast-segment/12476-what-smart-cisos-and-mature-orgs-get-that-others-dont-about-cyber-compliance-matt-coose-psw-814>

***Say Easy, Do Hard, Hiring a CISO, Part 2***

Source: <https://www.scmagazine.com/podcast-segment/12352-say-easy-do-hard-hiring-a-ciso-part-2-bsw-335>

***Security in Wrenches, Vulns in Atlassian and GitLab, 2023's Top Web Hacking Tricks***

Source: <https://www.scmagazine.com/podcast-segment/12313-security-in-wrenches-vulns-in-atlassian-and-gitlab-2023s-top-web-hacking-tricks-asw-270>

***Dealing with the Burden of Bad Bots - Sandy Carielli***

Source: <https://www.scmagazine.com/podcast-segment/12312-dealing-with-the-burden-of-bad-bots-sandy-carielli-asw-270>

***RoboJoe, Apple, VMWARE, AI, Confluence, Scarcraft, Microsoft, Jason Wood, and More***

Source: <https://www.scmagazine.com/podcast-segment/12389-robojoe-apple-vmware-ai-confluence-scarcraft-microsoft-jason-wood-and-more-swn-356>

***SBOMs and Supply Chains - Allan Friedman***

Source: <https://www.scmagazine.com/podcast-segment/12495-sboms-and-supply-chains-allan-friedman-bts-22>

***Simply Cyber: January 26's Top Cyber News NOW! - Ep 543 (DR Edition) on Apple Podcasts***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://podcasts.apple.com/us/podcast/january-26s-top-cyber-news-now-ep-543-dr-edition/id1590662228?i=1000643090183>

**Simply Cyber: ● January 25's Top Cyber News NOW!**

Source: <https://podcasts.apple.com/us/podcast/january-25s-top-cyber-news-now-ep-543/id1590662228?i=1000642920436>

**Simply Cyber: ● January 24's Top Cyber News NOW!**

Source: <https://podcasts.apple.com/us/podcast/january-24s-top-cyber-news-now-ep-542/id1590662228?i=1000642920405>

**Simply Cyber: ● January 23's Top Cyber News NOW!**

Source: <https://podcasts.apple.com/us/podcast/january-23s-top-cyber-news-now-ep-541/id1590662228?i=1000642641588>

**Simply Cyber: ● January 22's Top Cyber News NOW!**

Source: <https://podcasts.apple.com/us/podcast/january-22s-top-cyber-news-now-ep-540/id1590662228?i=1000642502757>

**7MS #608: New Tool Release - EvilFortiAuthenticator - 7 Minute Security**

Source: <https://7minsec.com/blog/2024/01/26/7ms-608-new-tool-release-evilfortiauthenticator/>

**A Week of News and Listener Views**

Source: <https://twit.tv/shows/security-now/episodes/958>

**Phishing for mail.**

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://thecyberwire.com/podcasts/hacking-humans/274/notes>

**356: Big dumpers, AI defamation, and the slug that slurped**

Source: <https://www.smashingsecurity.com/356-big-dumpers-ai-defamation-and-the-slug-that-slurped/>

**A new purchase is cause for a call out.**

Source: <https://thecyberwire.com/podcasts/daily-podcast/1991/notes>

**Another day, another Blizzard attack.**

Source: <https://thecyberwire.com/podcasts/daily-podcast/1990/notes>

**The fight against exploiting Americans.**

Source: <https://thecyberwire.com/podcasts/daily-podcast/1989/notes>

**The mother of all data breaches.**

Source: <https://thecyberwire.com/podcasts/daily-podcast/1988/notes>

**Midnight Blizzard brings the storm.**

Source: <https://thecyberwire.com/podcasts/daily-podcast/1987/notes>

**Srsly Risky Biz: How the SEC's new cyber disclosure rules are shaking out**

Source: <https://risky.biz/SRB63/>

**Risky Biz News: SVR hackers also breached HPE**

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



Source: <https://risky.biz/RBNEWS241/>

***Between Two Nerds: Why data brokers aren't causing widespread harms***

Source: <https://risky.biz/BTN64/>

***Risky Biz News: AU, UK, US sanction Russian behind Medibank ransomware attack***

Source: <https://risky.biz/RBNEWS240/>

***Risky Business #733 -- Say cheese, motherf---er***

Source: <https://risky.biz/RB733/>

***Sponsored: Why finding and responding threats isn't enough and we need to contain them as well***

Source: <https://risky.biz/RBNEWSSI27/>

***Risky Biz News: SVR hackers breach Microsoft***

Source: <https://risky.biz/RBNEWS239/>

***U.S. Microelectronics Production for National Security***

Source: <https://www.youtube.com/watch?v=9NtWS-sR7-8>

***Tech Showcase at TCE 23.2***

Source: <https://www.youtube.com/watch?v=h38k6RuCObc>

***Farming Innovation Rooted in Sustainability***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.sae.org/podcasts/tomorrow-today/episodes/farming-innovation-rooted-in-sustainability>

**Cybersecurity threats: 60% of local organisations saw ransomware incidents double in 2023**

Source: [https://www.youtube.com/watch?v=qL\\_4nUOa6DU](https://www.youtube.com/watch?v=qL_4nUOa6DU)

**Webcast: How will AI drive defense tech and priorities in coming years?**

Source: <https://www.defensenews.com/video/2024/01/17/webcast-how-will-ai-drive-defense-tech-and-priorities-in-coming-years/>

## Regulations – Effective

**NEW YORK STATE DEPARTMENT OF FINANCIAL SERVICES SECOND AMENDMENT TO 23 NYCRR 500 CYBERSECURITY REQUIREMENTS FOR FINANCIAL SERVICES COMPANIES**

Source:

[https://www.dfs.ny.gov/system/files/documents/2023/12/rf23\\_nycrr\\_part\\_500\\_amend02\\_20231101.pdf](https://www.dfs.ny.gov/system/files/documents/2023/12/rf23_nycrr_part_500_amend02_20231101.pdf)

**Strategic and Critical Materials Stockpiling Act Reform**

Source: <https://www.acq.osd.mil/dpap/dars/opencases/dfarscasenum/dfars.pdf>

From the Article: "Case Number 2023-D014, Part Number 225: Strategic and Critical Materials Stockpiling Act Reform. Implements section 1411 of the NDAA for FY 2023 (Pub. L. 117-263); which repeals 10 U.S.C. 187 the Strategic Materials Protection Board, and amends 50 U.S.C. 98h-1 section 10, Strategic and Critical Materials Board of Directors. Status: Published final DFARS rule in Federal Register (88 FR 73238). Effective 10/30/2023.

## Regulations – Proposed

**8(a) Program**

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.acq.osd.mil/dpap/dars/opencases/farcasenum/far.pdf>

From the Article: “Case Number 2024-003. Implements the Small Business Administration’s final rule published on April 27, 2023, at 88 FR 26164, which clarifies 8(a) Program requirements, such as offer and acceptance procedures, set-aside and sole-source procedures for certain contracts, and joint venture requirements. Status: DARC Director tasked FAR Acquisition Small Business Team to draft proposed FAR rule. Report due 03/20/2024.”

### ***Increase of Statutory Architect and Engineering Service Fees***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/dfarscasenum/dfars.pdf>

From the Article: “Case Number 2024-D019, Case Number 236. Implements section 2881 of the NDAA for FY 2024 (Pub. L. 118-31) which increases the statutory limit on fee for architect and engineering services procured by the Departments of the Air Force, Army, and Navy. Status: DARC Director tasked DFARS Staff to draft proposed DFARS rule. Report due 02/14/2024.”

### ***(S) Prohibition on Operation of Covered Unmanned Aircraft Systems from Covered Foreign Entities***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/farcasenum/far.pdf>

From the Article: “Case Number 2024-002. Implements section 1825 of NDAA for FY 2024 (Pub. L. 118-31), which prohibits the procurement of certain unmanned aircraft systems manufactured or assembled by a foreign entity or in connection with its operation. Status: DARC Director tasked the FAR Acquisition Technology & Information Team to draft proposed FAR rule. Report due 02/28/2024.”

### ***(S) Prohibition on the Transfer of Certain Data of Employees of the Department of Defense to Third Parties***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/dfarscasenum/dfars.pdf>

From the Article: “Case Number 2024-D018. Implements section 803 of the NDAA for FY 2024 (Pub. L. 118-31), which prohibits a contractor from selling, licensing, or otherwise transferring covered individually identifiable DoD employee data to any individual or entity other than the Federal Government, except when allowed by statute or OMB guidance. Status: DARC Director tasked the DFARS Acquisition Technology & Information Team to draft proposed FAR rule. Report due 02/28/2024.”

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Information Team to draft proposed DFARS rule. Report due 03/06/2024.”

### ***Inflation Adjustment of Acquisition-Related Thresholds***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/farcasenum/far.pdf>

From the Article: “Case Number 2024-001. Fiscal Year 2025 implementation of 41 U.S.C. 1908 which requires the adjustment of statutory acquisition-related thresholds for inflation and other acquisition-related thresholds as a matter of policy, planned to be effective October 1, 2025. Status: DARC Director tasked Adhoc Team to draft proposed FAR rule. Report due 02/07/2024.”

### ***(S) Earned Value Management System***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/dfarscasenum/dfars.pdf>

From the Article: “Case Number 2024-D017, Part Number 234, 252. Implements section 827 of the NDAA for FY 2024 (Pub. L. 118-31), which updates Earned Value Management (EVM) applicability thresholds and exempts contracts and subcontracts primarily for the procurement of software from the EVM requirement. Status: DARC Director tasked Staff to draft proposed DFARS rule. Report due 04/03/2024.”

### ***(S) Past Performance of Affiliate Companies of Small Business Concerns***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/dfarscasenum/dfars.pdf>

From the Article: “Case Number 2024-D016, Part Number 215. Implements section 865 of the NDAA for 2024 (Pub. L. 118-31), which directs DoD to amend DFARS 215.305 to require contracting officers to consider the past performance information of affiliate companies of small business concerns, if relevant, during the past performance evaluation and source selection processes. Status: DARC Director tasked staff to draft proposed DFARS rule. Report due 03/20/2024.”

### ***(S) Prohibition on Contracting with Russian Energy Fossil Fuel Operations***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/dfarscasenum/dfars.pdf>

From the Article: “Case Number 2024-D015, Part Number 225.70. Implements section

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

804 of the NDAA for 2024 (Pub. L. 118-31) which prohibits contracting with Russian Energy Fossil Fuel Operations. Status: DARC Director tasked DFARS Acquisition Law - International Acquisition Sub-Team to draft proposed DFARS rule. Report due 04/17/2024.

***(S) Exception Amendment for Restriction on Certain Metal Products***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/dfarscasenum/dfars.pdf>

From the Article: “Case Number 2024-D014, Part Number 225.7018. Implements section 834 of the NDAA for 2024 (Pub. L. 118-31) which amends 10 U.S.C. 4872 as it pertains to the exception requirements to the acquisition restriction on certain magnets, tantalum and tungsten. Status: DARC Director tasked DFARS Acquisition Law International Acquisition Sub-Team. to draft proposed DFARS rule. Report due 04/10/2024.

***(S) Prohibition on Procurement Related to Chinese Military Companies***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/dfarscasenum/dfars.pdf>

From the Article: “Case Number 2024-D012. Implements section 805 of the NDAA for 2024 (Pub. L. 118-31) which prohibits the procurement of certain goods, services, and technologies from certain entities listed as Chinese military companies. Status: DARC Director tasked DFARS Acquisition Law International Acquisition Sub-team to draft proposed DFARS rule. Report due 03/27/2024.”

***(S) Limitation on Procurement of Certain Batteries***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/dfarscasenum/dfars.pdf>

From the Article: “Case Number 2024-D011. Implements section 154 of the NDAA for 2024 (Pub. L. 118-31) which prohibits the procurement of batteries that are produced by certain entities, unless a waiver applies. Status: DARC Director tasked DFARS Acquisition Law - International Acquisition Sub-team to draft proposed DFARS rule. Report due 04/03/2024.”

***(S) Restrictions on Certain Aerospace-Grade Metals***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.acq.osd.mil/dpap/dars/opencases/dfarscasenum/dfars.pdf>

From the Article: “Case Number 2024-D010. Implements section 833 of the NDAA for 2024 (Pub. L. 118-31) which revises 10 USC 4863 to add restrictions on aerospace-grade metals. Status: DARC Director tasked DFARS Acquisition Law - International Acquisition Sub-team to draft proposed DFARS rule. Report due 03/27/2024.”

### ***(S) Preventing Conflicts of Interest for Certain Consulting Services***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/dfarscasenum/dfars.pdf>

From the Article: “Case Number 2024-D007, Part Number 237. Implements section 812 of the NDAA for FY 2024 (Pub. L. 118-31), which prohibits contracting with an entity providing consulting services with a North American Industry Classification System code beginning with 5416 whose subsidiaries or affiliates hold a contract for consulting services with certain foreign entities unless the entity maintains an auditable conflict of interest mitigation plan. Status: DARC Director tasked DFARS Services Sub-Team to draft proposed DFARS rule. Report due 03/13/2024.”

### ***(S) DoD Mentor-Protege Program***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/dfarscasenum/dfars.pdf>

From the Article: “Case Number 2024-D005, Appendix I. Implements section 852 of the NDAA for 2024 (Pub. L. 118-31) which specifies the types of instruments that mentors and proteges may use to enter into agreements under the DoD Mentor-Protege Program. Status: DARC Director tasked the DFARS Small Business team to draft proposed DFARS rule. Report due 03/13/2024.”

### ***(S) Disclosure of DoD Funding in Technical Publications***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/dfarscasenum/dfars.pdf>

From the Article: “Case Number 2024-D003. Implements Section 212 of the NDAA for FY 2021 (Pub. L. 116-283; 10 U.S.C. 4027), which requires contractors to assert the dollar amount of the research and development funds received from the Department of Defense for such activities. Status: DARC Director tasked Research and Development Cmte. to draft proposed DFARS rule. Report due 02/07/2024.”

### ***[Link back to Table of Contents](#)***

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***Inflation Adjustment of Acquisition-Related Thresholds***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/dfarscasenum/dfars.pdf>

From the Article: "Case Number 2024-D002. Fiscal Year 2025 implementation of 41 U.S.C. 1908 which requires the adjustment of statutory acquisition-related thresholds for inflation and other acquisition-related thresholds as a matter of policy, planned to be effective October 1, 2025. Status: DARC Director tasked Staff Level DFARS to draft proposed DFARS rule. Report due 02/07/2024."

***Pay Equity and Transparency in Federal Contracting***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/farcasenum/far.pdf>

From the Article: "Case Number 2023-021, Part Number 1, 22, 52. Implements Executive Order 14069, Advancing Economy, Efficiency, and Effectiveness in Federal Contracting by Promoting Pay Equity and Transparency which requires the disclosure of compensation ranges in certain job announcements and limits or prohibits contractors from requesting an applicant's compensation history for the purpose of making employment decisions. Status: Proposed FAR rule to FARSEC for preparation of FR notice."

***Clarification of System for Award Management Pre-Award Registration Requirements***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/farcasenum/far.pdf>

From the Article: "Case Number 2023-018. Amends FAR clause, 52.204-7 System for Award Management, to provide clarifying language related to System for Award Management (SAM) pre-award registration requirements. Source: DARC Director tasked Acquisition Technology and Information Team to draft proposed FAR rule. Report due date extended to 02/07/2024."

***Consolidation and Bundling***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/farcasenum/far.pdf>

From the Article: "Case Number 2023-017, Part Number 19, 2, 7. Implements the Small Business Administration's final rule published on April 27, 2023, at 88 FR 26164, which

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



adds blanket purchase agreements and orders placed against unrestricted multiple-award contracts to the list of contract vehicles covered by the definition of consolidation and bundling. In addition, it clarifies that the definition of consolidation and bundling applies when additional scope is added to an existing solicitation, contract, or agreement, and adds to the analysis requirements of an acquisition strategy for a bundled contract. Status: DARC Director tasked Acquisition Small Business Team to draft proposed FAR rule. Report due date extended to 02/07/2024.”

### ***Subcontracting Plans and Limitations on Subcontracting***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/farcasenum/far.pdf>

From the Article: “Case Number 2023-016, Part Number 19, 52. Implements the Small Business Administration's final rule published on April 27, 2023, at 88 FR 26164, which modified the requirements for subcontracting plans, the limitations on subcontracting, and the nonmanufacturer rule. This case will modify the time period used to determine compliance with the limitations on subcontracting for certain contracts; amend past performance evaluation requirements for concerns exceeding the limitations on subcontracting; modify requirements for nonmanufacturer waivers; specify costs to be included in subcontracting plan goals and exclude certain costs from a contractor's calculation of the subcontracting base; and specify the time period in which an approved commercial subcontracting plan is effective. Status: DARC Director tasked Acquisition Small Business Team to draft proposed FAR rule. Report due date extended to 02/14/2024.”

### ***Policy on Joint Ventures***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/farcasenum/far.pdf>

From the Article: “Case Number 2023-015, Part Number 19, 52. Implements the Small Business Administration's final rule published on April 27, 2023, at 88 FR 26164, which modified the requirements for subcontracting plans, the limitations on subcontracting, and the nonmanufacturer rule. This case will modify the time period used to determine compliance with the limitations on subcontracting for certain contracts; amend past performance evaluation requirements for concerns exceeding the limitations on subcontracting; modify requirements for nonmanufacturer waivers; specify costs to be included in subcontracting plan goals and exclude certain costs from a contractor's calculation of the subcontracting base; and specify the time period in which an approved commercial subcontracting plan is effective. Status: DARC Director tasked Acquisition Small Business Team to draft proposed FAR rule. Report due date extended to 02/21/2024.”

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



***(S) Small Business Protests***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/farcasenum/far.pdf>

From the Article: “Case Number 2023-014, Part Number 19. Implements section 863 of the NDAA for FY 2022 (Pub. L. 117-81) as implemented in SBA's final rule published on April 27, 2023, at 88 FR 26164. Section 863 requires a small business concern to update its status in the system for award management within two days of a determination that such a concern does not meet the requirements of the status such concern claims to hold and, if the concern fails to update its status, SBA shall update the status within two days of the concerns failure to do so. This case also clarifies the parties that may protest the size or socioeconomic status of a concern, specifies the deadlines for submitting a protest, and clarifies other small business protest procedures. Status: DARC Director tasked Acquisition Small Business Team to draft proposed FAR rule. Report due date extended to 02/21/2024.”

***Trade Agreements Thresholds***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/farcasenum/far.pdf>

From the Article: “Case Number 2023-012, Part Number 22, 25,52. Amends the FAR to incorporate revised thresholds for application of the World Trade Organization (WTO) Government Procurement Agreement (GPA) and the Free Trade Agreements (FTA), as determined by the United States Trade Representative. Approximately every two years, the trade agreements thresholds for the WTO GPA and the FTAs are revised according to predetermined formulae under the agreements, to adjust for changes in economic conditions. These thresholds become effective on January 1, 2024. Status: Final rule to FARSEC for preparation of FAC.”

***Updates to the Safeguarding Covered Defense Information and Cyber Incident Reporting Clause***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/dfarscasenum/dfars.pdf>

From the Article: “Case Number 2023-D024. DoD is proposing to amend the Defense Federal Acquisition Regulation Supplement (DFARS) to update DFARS clause 252.204-7012, Safeguarding Covered Defense Information and Cyber Incident Reporting, to incorporate references to NIST SP 800172 requirements, harmonize certain terminology, address international agreements, and streamline the vendor [Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

identification process. Status: DARC Director tasked Acquisition Technology & Information (FAR) Team to draft proposed DFARS rule. Report due date extended to 01/31/2024.”

### ***Trade Agreements Thresholds***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/dfarscasenum/dfars.pdf>

From the Article: “Case Number 2023-D023, Part Number 225, 252. Amends the DFARS to incorporate revised thresholds for application of the World Trade Organization (WTO) Government Procurement Agreement (GPA) and the Free Trade Agreements (FTA), as determined by the United States Trade Representative. Approximately every two years, the trade agreements thresholds for the WTO GPA and the FTAs are revised according to predetermined formulae under the agreements, to adjust for changes in economic conditions. These thresholds become effective on January 1, 2024. Status: OIRA cleared final DFARS rule. DARS Regulatory Control Officer preparing for publication, pending DoD ATP.”

### ***Case Number 2023-HUBZone Program***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/farcasenum/far.pdf>

From the Article: “Case Number 2023-013, Part Number 2023-013. Implements section 864 of the National Defense Authorization Act for Fiscal Year 2022 (Pub. L. 117-81) as implemented in SBA's final rule published on April 10, 2023, at 88 FR 20186. Section 864 amends the Small Business Act to authorize the SBA Office of Hearings and Appeals to decide all appeals from formal protest determinations in connection with the status of a HUBZone small business concern. In addition, this case proposes to remove the representation for HUBZone small business concerns as they are certified by SBA. Status: Draft proposed FAR rule from FAR analyst to OFPP. OFPP reviewing.”

### ***Prohibition on a ByteDance Covered Application***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/farcasenum/far.pdf>

From the Article: “Case Number 2023-010, Part Number 4, 13, 39, 52. Implements OMB Memo M-23-13, No TikTok on Government Devices, and the No TikTok on Government Devices Act which prohibits covered software applications on Government Devices. 06/02/2023 Published interim FAR rule in Federal Register (88 FR 36430) (FAC 2023-

### ***[Link back to Table of Contents](#)***

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

04). Effective upon publication. Status: Public comment period ended. Status: DARC Director tasked Acquisition Technology and Information Team to review public comments, draft final FAR rule. Report due date extended to 03/06/2024.

### ***Small Business Participation on Certain Multiple Award Contracts***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/farcasenum/far.pdf>

From the Article: “Case Number 2023-011, Part Number 1, 10, 19, 7. Amend the FAR to increase small business participation on certain multiple award contracts by updating and clarifying market research, acquisition planning, small business specialist coordination, and the use of set-asides in the placement of orders. Status: DARC Director tasked Acquisition Small Business (FAR) Team to draft proposed FAR rule. Report due date extended to 02/28/2024.”

### ***Prohibition on Certain Semiconductor Products and Services***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/farcasenum/far.pdf>

From the Article: “Case Number 2023-008, Part Number 4, 52. Implements section 5949(a) of the National Defense Authorization Act (NDAA) for Fiscal Year (FY) 2023 to prohibit executive agencies from: 1) procuring or obtaining, or extending or renewing a contract to procure or obtain, any electronic parts, products, or services that include covered semiconductor products or services; or from 2) entering into a contract, or extending or renewing a contract, with an entity to procure or obtain electronic parts or products that include covered semiconductor products or services. Status: Draft proposed FAR rule from FAR analyst to CAAC Legal. CAAC Legal reviewing.”

### ***Definition of Subcontract***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/dfarscasenum/dfars.pdf>

From the Article: “Case Number 2023-D022. Implements section 874 of the National Defense Authorization Act for Fiscal Year 2017 (Pub. L. 114328; 10 U.S.C. 3452), which redefines subcontract and restricts the flowdown of contract clauses to subcontracts under contracts for the acquisition of commercial products, including COTS items, and commercial services. The implementation of this definition was removed from DFARS cases 2017-D010 and 2018-D074 to align with the publication of the FAR final rule (FAR case 2018-006) to implement a similar statutory definition.

### ***[Link back to Table of Contents](#)***

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Status: Case on hold, pending publication of proposed rule for FAR Case 2018-006.”

### ***Information Technology, Cybersecurity, and Cyberrelated Contractor Training and Certification Requirements***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/dfarscasenum/dfars.pdf>

From the Article: “Case Number 2023-D021. Replaces the reference to DoD 8570.01-M, Information Assurance Workforce Improvement Program, with DoDM 8140.03, Cyberspace

Workforce Qualification and Management Program, and revises outdated language. Status: 05/31/2023 DARC Director tasked Acquisition Technology & Information (DFARS) to draft proposed DFARS rule. Report due date extended to 01/31/2024.”

### ***Open Market Micro-purchase Representation***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/dfarscasenum/dfars.pdf>

From the Article: “Case Number 2023-D018. Implements a representation requirement for open market micro-purchases in connection with the prohibition on contracting for certain telecommunications and video surveillance services or equipment at FAR subpart 13.201(j). Status: DARC Director tasked Acquisition Technology and Information Team to draft proposed DFARS rule. Report due date extended to 02/21/2024.”

### ***Acquisitions for Foreign Military Sales and Appendix F – Transportation***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/dfarscasenum/dfars.pdf>

From the Article: “Case Number 2023-D016, Part Number 225.73. Revises DFARS 225.73 to clarify FMS requirements in Appendix F that are necessary to resolve issues associated with the transportation of FMS goods such as lost, misdirected or frustrated shipments with FMS partners. Status: DARC Director tasked Adhoc team to draft proposed DFARS rule. Report due date extended to 02/28/2024.”

### ***Credit for Lower-Tier Subcontracting***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/farcasenum/far.pdf>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "Case Number 2023-009, Part Number 19, 42: Credit for Lower-Tier Subcontracting. Implements section 1614 of the NDAA for FY 2014 (Pub. L. 113-66), as implemented in SBA's final rule published on December 23, 2016 (81 FR 94246), and section 870 of the NDAA for FY 2020 (Pub. L. 116-92) as implemented in SBA's proposed rule published on December 19, 2022 (87 FR 77529), which allows prime contractors to receive credit toward goals in their small business subcontracting plans for subcontracts awarded by their subcontractors. Status: DARC Director tasked Acquisition Small Business (FAR) Team to draft proposed FAR rule. Report due date extended to 03/06/2024."

### ***Modification of Cooperative Research and Development Project Authority***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/dfarscasenum/dfars.pdf>

From the Article: "Case Number 2023-D013, Part Number 225.8: Modification of Cooperative Research and Development Project Authority. Implements section 211 of the NDAA for FY 2023 (Pub. L. 117-263) which amends 10 U.S.C. 2350a(a) (2) to expand the scope of 225.871, North Atlantic Treaty Organization (NATO) cooperative projects to also include Cooperative Research and Development Projects to include other allied and friendly foreign countries under the European Union and the European Defense Agency, the European Commission, and the Council of the European Union and their suborganizations. Status: DARC Director tasked Acquisition Law International Acquisition team to draft proposed DFARS rule. Report due date extended to 02/28/2024."

### ***Prohibition on Procurement of ForeignMade Unmanned Aircraft Systems***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/dfarscasenum/dfars.pdf>

From the Article: "Case Number 2023-D012, Part Number 204, 252: Prohibition on Procurement of ForeignMade Unmanned Aircraft Systems. Implements section 848 of the NDAA for FY 2020 (Pub L. 116-92), as amended by section 817 of the FY 2023 NDAA (Pub. L. 117-263), which prohibits the procurement of certain foreign-made unmanned aircraft systems by the Department of Defense. Status: DARC Director tasked Acquisition Technology & Information Team to draft proposed DFARS rule. Report due date extended to 02/14/2024."

### ***Establishing FAR Part 40***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.acq.osd.mil/dpap/dars/opencases/farcasenum/far.pdf>

From the Article: "Case Number 2022-010, Part Number 40: Establishing FAR Part 40. The purpose of this case is to amend the FAR to create a new FAR part, part 40, which will be the new location for cybersecurity supply chain requirements in the FAR. Status: Draft final FAR rule from FAR analyst to CAAC Legal. CAAC Legal reviewing."

### ***Standardizing Cybersecurity Requirements for Unclassified Federal Information Systems***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/farcasenum/far.pdf>

From the Article: "Case Number 2021-019, Part Number 2, 37, 29, 4, 52, 7: Standardizing Cybersecurity Requirements for Unclassified Federal Information Systems. Implements sections 2(i) and 8(b) of Executive Order 14028, Improving the Nation's Cybersecurity, relating to standardizing common cybersecurity contractual requirements across Federal agencies for unclassified Federal information systems, pursuant to Department of Homeland Security recommendations. Status: Published proposed FAR rule in Federal Register (88 FR 68402). Public comment period extended to 2/2/2024 (88 FR 74970)."

### ***Cyber Threat and Incident Reporting and Information Sharing***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/farcasenum/far.pdf>

From the Article: "Case Number 2021-017, Part Number 12,2,39,4,52: Cyber Threat and Incident Reporting and Information Sharing. Implements sections 2(b)-(c), 2(g)(i), 8(b) of Executive Order 14028, Improving the Nation's Cybersecurity, relating to sharing of information about cyber threats and incident information and reporting cyber incidents. Status: Published proposed FAR rule in Federal Register (88 FR 68055). Public comment period extended to 2/2/2024 (88 FR 74970)."

### ***(EO) Strengthening America's Cybersecurity Workforce***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/farcasenum/far.pdf>

From the Article: "Case Number 2019-014, Part Number 12, 2, 39, 52: (EO) Strengthening America's Cybersecurity Workforce. Implements Executive Order 13870 of May 2, 2019, America's Cybersecurity Workforce, which directs agencies to incorporate the NICE Framework lexicon, taxonomy and reporting requirements into

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



contracts for information technology and cybersecurity services. Status: DAR staff notified FAR staff of DARC differences from Team report or CAAC suggested changes. DAR and FAR staff resolving draft proposed FAR rule open issues.”

### ***Controlled Unclassified Information***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/farcasenum/far.pdf>

From the Article: "Case Number 2017-016, Part Number 11, 12, 2.1, 27, 35, 4, 52, 7: Controlled Unclassified Information. Implements 1) the National Archives and Records Administration (NARA) Controlled Unclassified information (CUI) program of E.O. 13556, which provides implementing regulations to address agency policies for designating, safeguarding, disseminating, marking, decontrolling, and disposing of CUI; and 2) OMB Memorandum M-17-12, Preparing for and Responding to a Breach of Personally Identifiable Information (January 3, 2017) which provides guidance on PII breaches occurring in cyberspace or through physical acts. Status: FAR and DARS Staffs resolving open issues identified during OIRA review."

### ***Assessing Contractor Implementation of Cybersecurity Requirements***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/dfarscasenum/dfars.pdf>

From the Article: "Case Number 2019-D041, Part Number 204.73, 204.75, 212.301, 217.207, 252.204-7019, 252.204-7020, 252.204-7021: Assessing Contractor Implementation of Cybersecurity Requirements. Implements a DoD certification process, known as the Cybersecurity Maturity Model Certification (CMMC), that measures a company's maturity and institutionalization of cybersecurity practices and processes. Partially implements section 1648 of the FY20 NDAA. (See DFARS case 2022-D017 for the NIST SP 800-171 DoD assessment requirements.) Status: DARC agreed to draft proposed DFARS rule. Case manager processing."

### ***(EO) DFARS Buy American Act Requirements***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/dfarscasenum/dfars.pdf>

From the Article: "Case Number 2022-D019, Part Number 213, 225, 252: (EO) DFARS Buy American Act Requirements. Implements the requirements of the Executive Order 14005, Ensuring the Future Is Made in All of America by All of America's Workers, dated 25 January 2021 (effective 25 October 2022) in the DFARS. 06/09/2023

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Published proposed DFARS rule in Federal Register (88 FR 37942). Public comment period ends 08/08/2023. Status: OIRA cleared final DFARS rule. DARS Regulatory Control Officer preparing for publication, pending DoD ATP."

### ***NIST SP 800-171 DoD Assessment Requirements***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/dfarscasenum/dfars.pdf>

From the Article: "Case Number 2022-D017, Part Number 204, 252: NIST SP 800-171 DoD Assessment Requirements. Implements DoD assessment requirements, which provide a standard DoD-wide methodology for assessing DoD contractor compliance with all security requirements in the National Institute of Standards and Technology (NIST) Special Publication (SP) 800-171, Protecting Controlled Unclassified Information in Nonfederal Information Systems and Organizations. Status: DARC Director tasked Ad-hoc team to review public comments, draft final DFARS rule. Report due date extended to 02/07/2024."

### ***Modifications to Printed Circuit Board Acquisition Restrictions***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/dfarscasenum/dfars.pdf>

From the Article: "Case Number 2022-D011, Part Number 225: (S) Modifications to Printed Circuit Board Acquisition Restrictions. Implements section 851 of the FY 2022 NDAA (Pub. L. 117-81) which amends 10 U.S.C. 2533d, including the effective date of the statute, and section 841 of the FY 2021 NDAA (Pub. L. 116-283), which prohibits acquiring a covered printed circuit board from a covered country, unless a waiver is obtained. Status: DARC Director tasked Acquisition Law Team-International Acquisition Cmte. to draft proposed DFARS rule. Report due date extended to 03/06/2024."

### ***Supply Chain Software Security***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/farcasenum/far.pdf>

From the Article: "Case Number 2023-002, Part Number 1, 39, 52: Supply Chain Software Security. Implements section 4(n) of Executive Order (EO) 14028, which requires suppliers of software available for purchase by agencies to comply with, and attest to complying with, applicable secure software development requirements in accordance. Status: FAR staff notified DAR staff that CAAC agreed with draft rule as submitted by Team."

### ***[Link back to Table of Contents](#)***

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



### ***Enhanced Price Preferences for Critical Components and Critical Items***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/farcasenum/far.pdf>

From the Article: "Case Number 2022-004, Part Number 25: Enhanced Price Preferences for Critical Components and Critical Items. Implements Executive Order 14005, Ensuring the Future Is Made in All of America by All of America's Workers to address the identification of critical products and use of enhanced price preferences. Status: DARC Director tasked Staff to draft proposed FAR rule. Report due date extended to 02/21/2024."

### ***Federal Acquisition Supply Chain Security Act of 2018***

Source: <https://www.acq.osd.mil/dpap/dars/opencases/farcasenum/far.pdf>

From the Article: "Case Number 2019-018, Part Number 11, 17, 39, 4, 52, 7, 9: (S) Federal Acquisition Supply Chain Security Act of 2018. Implements the Federal Acquisition Supply Chain Security Act of 2018, which was part of the SECURE Technology Act, Pub. L 115-390(FY19). Status: FAR staff notified DAR staff that CAAC agreed with draft rule as submitted by Team or as modified by DARC."

## Report – Government

### ***Engaging with Artificial Intelligence (AI)***

Source: <https://www.cyber.gov.au/resources-business-and-government/governance-and-user-education/governance/engaging-with-artificial-intelligence>

## Report – Industry

### ***Barracuda Cybernomics 101 report***

Source: <https://www.barracuda.com/company/news/2024/barracuda-cybernomics-101-report>

### ***Ransomware Readiness: How SMBs Can Prepare for the Rising Threat of...***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.esentire.com/resources/library/ransomware-readiness-how-smbs-can-prepare-for-the-rising-threat-of-ransomware-as-a-service-initial-access-brokers-and-credential-theft>

### ***Clever Cybersecure 2024***

Source: <https://www.clever.com/wp-content/uploads/2024/01/Clever-Cybersecure-2024.pdf>

### ***Cyber Annual Report***

Source: <https://www.pinsentmasons.com/thinking/special-reports/cyber-annual-report>

### ***Applications Abound: Average Organization Now Integrates 379 Third-Party Applications with Email***

Source: <https://abnormalsecurity.com/resources/h2-2023-report-connected-email-apps>

### ***Allianz Risk Barometer: A cyber event is the top global business risk for 2024***

Source: [https://www.allianz.com/en/press/news/studies/240116\\_allianz-risk-barometer-2024.html](https://www.allianz.com/en/press/news/studies/240116_allianz-risk-barometer-2024.html)

### ***2024 Email Security Risk Report***

Source: <https://pages.egress.com/whitepaper-email-risk-report-01-24>

### ***Security Navigator 2024: Latest Cybersecurity Threats and Trends***

Source: <https://www.orange cyberdefense.com/global/security-navigator>

### ***Looking Ahead: Cyber Liability Insurance Concerns in 2024***

#### **[Link back to Table of Contents](#)**

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://woodruffssawyer.com/cyber-liability/cyber-looking-ahead-guide/>

***Ransomware Incidents Reported to UK Financial Regulator Doubled in 2023***

Source: <https://www.picussecurity.com/resource/blog/ransomware-incidents-uk-financial-regulator-doubled-2023>

***2023 Adversary Infrastructure Report***

Source: <https://go.recordedfuture.com/hubfs/reports/cta-2024-1209.pdf>

***Allianz Risk Barometer 2024***

Source: <https://commercial.allianz.com/news-and-insights/news/allianz-risk-barometer-2024-press.html>

***Annual Payment Fraud Intelligence Report: 2023***

Source: <https://go.recordedfuture.com/hubfs/reports/cta%20-2023-1221.pdf>

***Privacy in Practice 2024 Report***

Source: <https://www.isaca.org/resources/reports/privacy-in-practice-2024-report>

***Map of worldwide ransomware attacks (updated daily)***

Source: <https://www.comparitech.com/blog/information-security/global-ransomware-attacks/>

***[Report] A Year in the World of Resilience: 2023: A BCI Report***

Source: <https://riskonnect.com/content-library/a-year-in-the-world-of-resilience-2023-bci-report/>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

### **2024 Email Security Risk Report**

Source: <https://pages.egress.com/whitepaper-email-risk-report-01-24>

### **Metaverse a law enforcement perspective**

Source: <https://www.interpol.int/en/content/download/20828/file/Metaverse%20-%20a%20law%20enforcement%20perspective.pdf>

### **Cbir ZeroTrust V011**

Source: [https://files.scmagazine.com/wp-content/uploads/2024/01/CBIR\\_ZeroTrust-V011.pdf](https://files.scmagazine.com/wp-content/uploads/2024/01/CBIR_ZeroTrust-V011.pdf)

## White House

### **FACT SHEET: Biden-Harris Administration Highlights New Commitments Toward Equitable Workforce Development in Advanced Manufacturing**

Source: <https://www.whitehouse.gov/briefing-room/statements-releases/2024/01/23/fact-sheet-biden-harris-administration-highlights-new-commitments-toward-equitable-workforce-development-in-advanced-manufacturing/>

### **Statement from NSC Spokesperson Adrienne Watson on the U.S.-PRC Counternarcotics Working Group**

Source: <https://www.whitehouse.gov/briefing-room/statements-releases/2024/01/28/statement-from-nsc-spokesperson-adrienne-watson-on-the-u-s-prc-counternarcotics-working-group/>

### **Background Press Call on APNSA Jake Sullivan's Meeting with Foreign Minister Wang Yi of the People's Republic of China**

Source: <https://www.whitehouse.gov/briefing-room/press->

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

[briefings/2024/01/27/background-press-call-on-apnsa-jake-sullivans-meeting-with-foreign-minister-wang-yi-of-the-peoples-republic-of-china/](https://www.whitehouse.gov/briefings/2024/01/27/background-press-call-on-apnsa-jake-sullivans-meeting-with-foreign-minister-wang-yi-of-the-peoples-republic-of-china/)

***Readout of National Security Advisor Jake Sullivan’s Meeting with Chinese Communist Party Politburo Member, Director of the Office of the Foreign Affairs Commission, and Foreign Minister Wang Yi***

Source: <https://www.whitehouse.gov/briefing-room/statements-releases/2024/01/27/readout-of-national-security-advisor-jake-sullivans-meeting-with-chinese-communist-party-politburo-member-director-of-the-office-of-the-foreign-affairs-commission-and-foreign-minister-wang-2/>

***Press Briefing by Press Secretary Karine Jean-Pierre, NSC Coordinator for Strategic Communications John Kirby, and National Climate Advisor Ali Zaidi***

Source: <https://www.whitehouse.gov/briefing-room/press-briefings/2024/01/26/press-briefing-by-press-secretary-karine-jean-pierre-nsc-coordinator-for-strategic-communications-john-kirby-and-national-climate-advisor-ali-zaidi/>

***Readout of National Security Advisor Jake Sullivan’s Meetings with the Prime Minister of the Kingdom of Thailand Srettha Thavisin and Deputy Prime Minister/Foreign Minister Parnpree Bahiddha-Nukara***

Source: <https://www.whitehouse.gov/briefing-room/statements-releases/2024/01/26/readout-of-national-security-advisor-jake-sullivans-meetings-with-the-prime-minister-of-the-kingdom-of-thailand-srettha-thavisin-and-deputy-prime-minister-foreign-minister-parnpree-bahiddha-n/>

***Statement from NSC Spokesperson Adrienne Watson on National Security Advisor Jake Sullivan’s Meeting with Director Wang Yi***

Source: <https://www.whitehouse.gov/briefing-room/statements-releases/2024/01/25/statement-from-nsc-spokesperson-adrienne-watson-on-national-security-advisor-jake-sullivans-meeting-with-director-wang-yi/>

***Statement from NSC Spokesperson Adrienne Watson on National Security Advisor Jake Sullivan’s Travel to Thailand***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.whitehouse.gov/briefing-room/statements-releases/2024/01/25/statement-from-nsc-spokesperson-adrienne-watson-on-national-security-advisor-jake-sullivans-travel-to-thailand/>

***Press Briefing by Press Secretary Karine Jean-Pierre and NSC Coordinator for Strategic Communications John Kirby***

Source: <https://www.whitehouse.gov/briefing-room/press-briefings/2024/01/24/press-briefing-by-press-secretary-karine-jean-pierre-and-nsc-coordinator-for-strategic-communications-john-kirby-42/>

***Press Briefing by Press Secretary Karine Jean-Pierre and NSC Coordinator for Strategic Communications John Kirby***

Source: <https://www.whitehouse.gov/briefing-room/press-briefings/2024/01/23/press-briefing-by-press-secretary-karine-jean-pierre-and-nsc-coordinator-for-strategic-communications-john-kirby-41/>

***Readout of National Security Advisor Sullivan's Meeting with Swedish National Security Advisor Henrik Landerholm***

Source: <https://www.whitehouse.gov/briefing-room/statements-releases/2024/01/23/readout-of-national-security-advisor-sullivans-meeting-with-swedish-national-security-advisor-henrik-landerholm/>

***Statement from National Security Advisor Jake Sullivan on the Millennium Challenge Corporation's 20th Anniversary***

Source: <https://www.whitehouse.gov/briefing-room/statements-releases/2024/01/23/statement-from-national-security-advisor-jake-sullivan-on-the-millennium-challenge-corporations-20th-anniversary/>

## Articles of Interest

***Swedish Government May Take Weeks to Recover from Ransomware Attack | iTech Post***

Source: <https://www.itechpost.com/articles/120807/20240128/swedish-government->  
[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

[take-weeks-recover-ransomware-attack.htm](#)

From the Article: "The Swedish government's system could possibly take weeks before it returns to fully operational following a ransomware attack on its computer service provider."

Additional sources:

<https://www.finextra.com/newsarticle/43599/swedish-central-bank-files-police-report-after-it-firm-hit-by-ransomware-attack>

<https://www.bankinfosecurity.com/ransomware-hit-on-tietoevry-causes-outages-across-sweden-a-24154>

<https://www.tietoevry.com/en/newsroom/all-news-and-releases/other-news/2024/01/update-on-ransomware-attack-in-sweden-restoration-work-progressing-at-tietoevry/>

<https://www.techtimes.com/articles/301040/20240126/sweden-needs-more-time-recover-series-cyberattacks-what-akira-ransomware.htm>

<https://cybernews.com/news/tietoevry-ransomware-attack-disrupts-businesses/>

<https://www.helpnetsecurity.com/2024/01/22/tietoevry-ransomware/>

<https://www.finextra.com/newsarticle/43599/swedish-central-bank-files-police-report-after-it-firm-hit-by-ransomware-attack>

<https://therecord.media/tietoevry-ransomware-attack-sweden-cloud-services-datacenter>

### ***Subway Sandwich Chain Investigating Ransomware Group's Claims - SecurityWeek***

Source: <https://www.securityweek.com/sandwich-chain-subway-investigating-ransomware-groups-claims/>

From the Article: "Sandwich chain Subway has launched an investigation after the notorious LockBit ransomware group claimed over the weekend that it hacked into the company's systems and stole vast amounts of information."

Additional sources:

<https://www.computing.co.uk/news/4166315/subway-launches-investigation-lockbit-claims-theft>

[https://www.theregister.com/2024/01/22/subways\\_data\\_toasted\\_by\\_lockbit/](https://www.theregister.com/2024/01/22/subways_data_toasted_by_lockbit/)  
[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

<https://www.hackread.com/lockbit-ransomware-gang-claims-subway-victim/>

***Cybersecurity incident impacting Bucks County's emergency communication system - 6ABC***

Source: <https://6abc.com/dispatch-system-911-calls-bucks-county-department-of-emergency-communications-warminster-pa/14351306/>

From the Article: "The Bucks County Department of Emergency Communications is investigating a cybersecurity incident that's reportedly affecting the dispatch system."

Additional sources:

<https://www.newhopefreepress.com/2024/01/27/bucks-county-identifies-gang-that-has-taken-down-cad-system/>

<https://northpennnow.com/ransomware-type-attack-continues-to-impact-bucks-countys-cad-system-p8036-177.htm>

<https://levittownnow.com/2024/01/24/ransomware-type-attack-continues-to-impact-countywide-cad-system/>

***Trello - 15,111,945 breached accounts***

Source: <https://haveibeenpwned.com/PwnedWebsites#Trello>

From the Article: "In January 2024, data was scraped from Trello and posted for sale on a popular hacking forum. "

Additional sources:

<https://www.darkreading.com/remote-workforce/atlassian-tightens-api-after-hacker-scrapes-15m-trello-profiles>

<https://www.helpnetsecurity.com/2024/01/23/trello-users-data-scraped/>

***Head of ChatGPT to meet with top executives from Samsung, SK***

Source: [https://www.koreatimes.co.kr/www/tech/2024/01/129\\_367456.html](https://www.koreatimes.co.kr/www/tech/2024/01/129_367456.html)

From the Article: "Sam Altman, CEO of ChatGPT maker OpenAI, will visit Korea on Friday for a meeting with top executives from Samsung and SK, in a move to bolster [Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



alliances in high-bandwidth memory (HBM) chips, according to industry officials, Tuesday."

Additional sources:

[https://www.koreatimes.co.kr/www/tech/2024/01/129\\_367676.html](https://www.koreatimes.co.kr/www/tech/2024/01/129_367676.html)

<https://www.taipeitimes.com/News/biz/archives/2024/01/27/2003812672>

### ***Altman eyes billions for AI fab network***

Source: <https://www.taipeitimes.com/News/biz/archives/2024/01/22/2003812427>

From the Article: "OpenAI CEO Sam Altman, who has been working to raise billions of dollars from global investors for a chip venture, aims to use the funds to set up a network of factories to manufacture semiconductors, several sources with knowledge of the plans said."

Additional sources:

<https://www.scmp.com/tech/tech-trends/article/3249291/chatgpt-ceo-altman-wants-raise-billions-dollars-build-ai-chip-factories-sources-say>

### ***Akira ransomware gang says it stole passport scans from Lush • The Register - Theregister***

Source: [https://www.theregister.com/2024/01/26/akira\\_lush\\_ransomware/](https://www.theregister.com/2024/01/26/akira_lush_ransomware/)

From the Article: "Akira says it has stolen 110 GB of data from the UK-headquartered global cosmetics giant, which has more than 900 stores worldwide, allegedly including "a lot of personal documents""

Additional sources: <https://cybernews.com/news/lush-ransomware-cyberattack/>

### ***The NSA Buys Web Browsing Data Without A Warrant, Letter Shows***

Source: <https://packetstormsecurity.com/news/view/35451/The-NSA-Buys-Web-Browsing-Data-Without-A-Warrant-Letter-Shows.html>

From the Article: "The U.S. National Security Agency buys Americans' internet browsing information from commercial brokers without a warrant, the agency's director told Democratic Senator Ron Wyden in a letter made public on Thursday."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Additional sources:

<https://thehackernews.com/2024/01/nsa-admits-secretly-buying-your.html>

### ***MOAB: The Implications of 26 Billion Records Breached***

Source: <https://www.itgovernanceusa.com/blog/moab-the-implications-of-26-billion-records-breached>

From the Article: "The security researcher Bob Diachenko and investigators from Cybernews have discovered an open instance with more than 26 billion data records."

Additional sources:

<https://www.malwarebytes.com/blog/news/2024/01/the-mother-of-all-breaches-26-billion-records-found-online>

### ***New Hampshire robocall kicks off era of AI-enabled election disinformation***

Source: <https://cyberscoop.com/biden-new-hampshire-robo-call-deepfake/>

From the Article: "Someone had begun flooding New Hampshire voters with a robocall that sounded like Biden warning Democrats not to vote in Tuesday's primary because it "only enables the Republicans in their quest to elect Donald Trump.""

Additional sources:

<https://www.scmp.com/news/world/united-states-canada/article/3249404/fake-biden-robocall-tells-new-hampshire-democrats-not-vote-tuesdays-primary>

### ***Russian Hacker Sentenced to Over 5 Years in US Prison***

Source: <https://www.bankinfosecurity.com/russian-hacker-sentenced-to-over-five-years-in-us-prison-a-24194>

From the Article: "A U.S. federal judge sentenced a Russian national to five years and four months in prison for his role in developing TrickBot malware. Vladimir Dunaev, 40, pleaded guilty in December. Dunaev helped develop the malware "while hiding behind his computer," U.S. Attorney Rebecca Lutzko said."

Additional sources:

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

<https://www.cantonrep.com/story/news/crime/2024/01/25/north-canton-real-estate-firm-among-those-who-lost-money-to-trickbot/72354910007/>

**Report: Data breach at Norton Healthcare was one of the worst in 2023 - WHAS11**

Source: <https://www.whas11.com/article/news/health/norton-healthcare-ransomware-attack-worst-2023-identity-theft-resource-center-report/417-26708523-42ac-4735-b84c-de9a605dfc79>

From the Article: "It's estimated roughly 2.5 million patients were impacted by the ransomware attack last May."

Additional sources:

[https://www.wdrb.com/news/business/norton-healthcare-ranked-among-top-10-companies-for-data-breaches/article\\_a5763098-bc64-11ee-b189-1f97dfb08796.html](https://www.wdrb.com/news/business/norton-healthcare-ranked-among-top-10-companies-for-data-breaches/article_a5763098-bc64-11ee-b189-1f97dfb08796.html)

**SSH3 – Faster & Rich Secure Shell Using HTTP/3**

Source: <https://gbhackers.com/ssh3-secure-shell/>

From the Article: "A new version of SSH has been launched recently, SSH3, which has been revamped with HTTP using QUIC+TLS1.3 for security and HTTP Authorization for user authentication."

**Neighbouring Kent councils hit by simultaneous cyber attacks**

Source: <https://www.computerweekly.com/news/366566858/Neighbouring-Kent-councils-hit-by-simultaneous-cyber-attacks>

From the Article: "Three local authorities in Kent – Canterbury City Council, Dover District Council and Thanet District Council – have fallen victim to near-simultaneous and potentially linked cyber attacks, knocking multiple public-facing systems across Kent offline."

**Douglas County Libraries hacked by overseas criminal group - CBS News**

Source: <https://www.cbsnews.com/colorado/news/douglas-county-libraries-hacked-overseas-criminal-group/>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "It's been over a week since Douglas County Libraries were the victim of an international cyber-attack and they're still in negotiations with that criminal group."

### ***Silobreaker integrates with DarkOwl for enhanced darknet credential monitoring***

Source: <https://www.helpnetsecurity.com/2024/01/23/silobreaker-darkowl/>

From the Article: "DarkOwl Credential Monitoring solution continuously checks for exposed credentials in darknet and darknet-adjacent sites, providing Silobreaker customers with detailed alerting and analytics within a single platform."

### ***Microsoft network breached through password-spraying by Russia-state hackers***

Source: <https://arstechnica.com/security/2024/01/microsoft-network-breached-through-password-spraying-by-russian-state-hackers/>

From the Article: "Russia-state hackers exploited a weak password to compromise Microsoft's corporate network and accessed emails and documents that belonged to senior executives and employees working in security and legal teams, Microsoft said late Friday."

### ***Australia publicly names and sanctions Russian hacker over Medibank data leak - CNN***

Source: <https://www.cnn.com/2024/01/23/tech/medibank-attack-australia-sanction-revil-intl-hnk/index.html>

From the Article: "Australia has publicly named and imposed cyber sanctions on a Russian hacker for his alleged role in a 2022 ransomware attack, in the country's first use of the penalty."

### ***Patch Your GoAnywhere MFT Immediately - Critical Flaw Lets Anyone Be Admin***

Source: <https://thehackernews.com/2024/01/patch-your-goanywhere-mft-immediately.html>

From the Article: "A critical security flaw has been disclosed in Fortra's GoAnywhere Managed File Transfer (MFT) software that could be abused to create a new administrator user."

### ***[Link back to Table of Contents](#)***

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

### ***Software supply chain attacks are getting easier***

Source: <https://www.helpnetsecurity.com/2024/01/24/software-supply-chain-abuse/>

From the Article: "ReversingLabs identified close to 11,200 unique malicious packages across three major open-source software platforms in 2023: npm, PyPI, and RubyGems."

### ***Britons must 'strengthen defences' against growing threat of AI-assisted ransomware, cyber ...***

Source: <https://news.sky.com/story/britons-must-strengthen-defences-against-growing-threat-of-ai-assisted-ransomware-cyber-security-chief-warns-13054614>

From the Article: "Britons must "strengthen their defences" against the growing threat posed by ransomware developed or enhanced using artificial intelligence (AI), the head of the UK's cyber security agency has warned."

### ***ESET Webinar Explores Strategies for Ransomware Resilience with Software-Hardware Solutions***

Source: <https://www.prnewswire.com/news-releases/ezet-webinar-explores-strategies-for-ransomware-resilience-with-software-hardware-solutions-302042676.html>

From the Article: " global leader in digital security, today announced its upcoming webinar, "Strategic Cybersecurity:"

### ***Oracle WebLogic Server vulnerable to HTTP header injection***

Source: <https://jvn.jp/en/jp/JVN93541851/>

From the Article: "Oracle WebLogic Server contains an HTTP header injection vulnerability."

### ***British intelligence warns AI will cause surge in ransomware volume and impact***

Source: <https://therecord.media/british-intelligence-warns-ai-will-cause-surge-in-ransomware>

From the Article: "Ransomware attacks will increase in both volume and impact over the next two years due to artificial intelligence (AI) technologies, British intelligence has warned."

### **[Link back to Table of Contents](#)**

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

### ***Microsoft critics accuse the firm of 'negligence' in latest breach***

Source: <https://cyberscoop.com/microsoft-critics-accuse-the-firm-of-negligence-in-latest-breach/>

From the Article: "For the second time in six months, Microsoft has disclosed that spies affiliated with a foreign intelligence service breached the company's systems and accessed the emails of senior company executives."

### ***Exclusive: How the cops are boxing in ransomware hackers - Axios***

Source: <https://www.axios.com/2024/01/23/how-the-cops-are-boxing-in-ransomware-hackers>

From the Article: "The end of ransomware gangs' reliance on critical security flaws could be near, according to a new report shared exclusively with Axios."

### ***AI Automation Won't Steal All Jobs, for Now***

Source: <https://www.bankinfosecurity.com/ai-automation-wont-steal-all-jobs-for-now-a-24165>

From the Article: "Artificial intelligence may not steal our jobs just yet, but only because humans are currently cheaper to employ."

### ***MacOS Malware Targets Bitcoin, Exodus Cryptowallets***

Source: <https://www.darkreading.com/application-security/mac-os-malware-targets-bitcoin-exodus-cryptowallets>

From the Article: "The malware substitutes genuine apps with compromised versions, enabling attackers to pilfer credentials and recovery phrases, thus gaining access to wallets and their contents."

### ***Ransomware Protection Market Accelerates at 16.4% CAGR to - GlobeNewswire***

Source: <https://www.globenewswire.com/news-release/2024/01/23/2814496/0/en/Ransomware-Protection-Market-Accelerates-at-16-4-CAGR-to-Hit-US-101-189-6-Million-by-2034-Fact-MR-Study.html>

From the Article: "According to a new study by Fact.MR, a market research and competitive intelligence provider, the global Ransomware Protection Market is estimated to be worth US\$ 22,221.5 million in 2024 and surpass US\$ 101,189.6 million by 2034. The demand for

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

ransomware protection system is likely to rise at a CAGR of 16.4% through 2034. "

### ***Multiple Vulnerabilities in Google Chrome Could Allow for Arbitrary Code Execution***

Source: [https://www.cisecurity.org/advisory/multiple-vulnerabilities-in-google-chrome-could-allow-for-arbitrary-code-execution\\_2024-011](https://www.cisecurity.org/advisory/multiple-vulnerabilities-in-google-chrome-could-allow-for-arbitrary-code-execution_2024-011)

From the Article: "Multiple vulnerabilities have been discovered in Google Chrome, the most severe of which could allow for arbitrary code execution. Successful exploitation of these vulnerabilities could allow for arbitrary code execution in the context of the logged on user."

### ***X adds passkeys support for iOS users in the United States***

Source: <https://www.bleepingcomputer.com/news/security/x-adds-passkeys-support-for-ios-users-in-the-united-states/>

From the Article: "X, formerly Twitter, announced today that iOS users in the United States can now log into their accounts using passkeys."

### ***Identity-based incidents accounted for 64% of all incidents***

Source: <https://www.securitymagazine.com/articles/100341-identity-based-incidents-accounted-for-64-of-all-incidents>

From the Article: "According to a threat report by Expel, identity-based incidents accounted for 64% of all investigated, a volume increase of 144% from 2022 to 2023"

### ***AI Program Poised to Advance Cybersecurity in Abu Dhabi***

Source: <https://www.darkreading.com/application-security/abu-dhabi-forms-ai-council-to-advance-tech-ambitions>

From the Article: "The nation's new AI council will be responsible for developing policies and strategies related to research, infrastructure, and investments in AI"

### ***Mitsubishi Electric to sample new J3-Series SiC and silicon power modules***

Source: [https://www.semiconductor-today.com/news\\_items/2024/jan/mitsubishielectric-](https://www.semiconductor-today.com/news_items/2024/jan/mitsubishielectric-)

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

[230124.shtml](#)

From the Article: "Tokyo-based Mitsubishi Electric Corp is to release six new J3-Series power semiconductor modules for various electric vehicles (xEVs), featuring either a silicon carbide metal-oxide-semiconductor field-effect transistor (SiC-MOSFET) or a silicon-based RC-IGBT (insulated-gate bipolar transistor), with compact designs and scalability for use in the inverters of electric vehicles (EVs) and plug-in hybrid electric vehicles (PHEVs)."

### ***Millions at Risk As 'Parrot' Web Server Compromises Take Flight***

Source: <https://www.darkreading.com/endpoint-security/millions-at-risk-parrot-web-server-compromises>

From the Article: "Threat actors behind a traffic redirect system (TDS) that's been active since October 2021 have ramped up efforts to elude detection and can potentially reach millions of people with malicious scripts hidden in thousands of compromised websites."

### ***UT Health Tyler announces some patients' Social Security numbers, contact information***

...

Source: <https://www.cbs19.tv/article/news/local/ut-health-tyler-some-patients-social-security-numbers-contact-information-accessed-during-november-ransomware-incident/501-38cf81ad-8c6f-42b9-b7c8-5acc696c8242>

From the Article: "Ardent, UT Health Tyler's parent company, says they have started mailing letters to those whose information may have been involved."

### ***Dragos achieves new AWS Manufacturing and Industrial Competency for OT security***

Source: <https://industrialcyber.co/news/dragos-achieves-new-aws-manufacturing-and-industrial-competency-for-ot-security/>

From the Article: ""In achieving this recognition, Dragos has demonstrated AWS technical expertise and proven customer success in providing the OT-specific visibility, vulnerability management, threat detection, and incident response capabilities required for protecting against cyber threats to OT environments," Jon Lavender, chief technology officer and co-founder at Dragos, said in a media statement."

### ***Clackamas Community College classes canceled after cyberattack - oregonlive.com***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



Source: <https://www.oregonlive.com/education/2024/01/clackamas-community-college-closed-after-cyberattack.html>

From the Article: "Clackamas Community College classes are canceled on Monday and Tuesday as the college grapples with the fallout of a cyberattack first discovered on Friday."

### ***CISA Releases Six Industrial Control Systems Advisories***

Source: <https://www.cisa.gov/news-events/alerts/2024/01/23/cisa-releases-six-industrial-control-systems-advisories>

From the Article: "CISA released six Industrial Control Systems (ICS) advisories on January 23, 2024. These advisories provide timely information about current security issues, vulnerabilities, and exploits surrounding ICS."

### ***Fan-Out Panel-Level Packaging Hurdles***

Source: <https://semiengineering.com/fan-out-panel-level-packaging-hurdles/>

From the Article: "The economics look attractive, but first the industry needs convergence on panel size, process tools, and materials."

### ***Blog Review: Jan. 24***

Source: <https://semiengineering.com/blog-review-jan-24-2/>

From the Article: "3D-IC adoption challenges; logic signal conversion; auto predictions; microLEDs."

### ***Army asks AeroVironment to build compact Switchblade unmanned anti-personnel smart mortar for infantry***

Source: <https://www.militaryaerospace.com/uncrewed/article/14303891/unmanned-smart-mortar-anti-personnel>

From the Article: "The Switchblade attack drone, which essentially functions as a smart mortar round, transmits live color and infrared video wirelessly after launch."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***SpaceX launch sends four private astronauts to ISS***

Source: <https://www.militaryaerospace.com/commercial-aerospace/article/14303875/spacex-launch-sends-four-private-astronauts-to-iss>

From the Article: "Once they arrive at ISS, the Axiom Space astronauts will conduct 30 scientific experiments that NASA says will help advance research in low-Earth orbit, Kimberly Johnson reports for Flying."

***NASA and Archer Aviation sign agreement for energy storage for AAM and space***

Source: <https://www.militaryaerospace.com/power/article/14303928/nasa-and-archer-aviation-sign-agreement-for-energy-storage-for-aam-and-space>

From the Article: "Archer and NASA and is focused on achieving the highest levels of battery cell safety and systems for Advanced Air Mobility (AAM) and space applications as the parties study high-performance battery cells and perform safety testing on cells and systems."

***Air Force asks Lockheed Martin to build another three gallium nitride (GaN)-based air-defense radar systems***

Source: <https://www.militaryaerospace.com/sensors/article/14303847/lockheed-martin-air-defense-radar-gallium-nitride-gan>

From the Article: "3DELRR is to be the principal Air Force long-range, ground-based radar to detect, identify, track, and report enemy missiles, aircraft, and UAVs."

***Navy picks WR Systems to support long-range Relocatable Over-The-Horizon Radar (ROTHR) for surveillance***

Source: <https://www.militaryaerospace.com/sensors/article/14303890/long-range-surveillance-radar>

From the Article: "ROTHR over-the-horizon radar uses high-frequency (HF) radar waves that bounce off the ionosphere to provide long-range surveillance radar coverage."

***GE Aerospace demonstrates hypersonic dual-mode ramjet engine with rotating detonation combustion***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.militaryaerospace.com/commercial-aerospace/article/14303872/ge-aerospace-demonstrates-hypersonic-dual-mode-ramjet-engine-with-rotating-detonation-combustion>

From the Article: "New architecture with rotating detonation combustion (RDC) could power super-efficient hypersonic vehicles with longer range that exceed MACH 5."

### ***Pratt & Whitney Canada unveils high-voltage advanced mobile charging unit***

Source: <https://www.militaryaerospace.com/home/article/14303927/pratt-whitney-canada-unveils-high-voltage-advanced-mobile-charging-unit>

From the Article: "The MCU is assembled from commercially available components and can deliver up to 280 kW and 1500 volts."

### ***Collins Aerospace to continue development of future VLF communications with submerged missile submarines***

Source: <https://www.militaryaerospace.com/communications/article/14303877/raytheon-technologies-corp-communications-ballistic-missile-submarines-vlf>

From the Article: "Collins will perform critical design analysis and studies for an updated VLF system for the future E-6B TACAMO Recapitalization Program (E-XX)."

### ***The risks of engine neglect***

Source: <https://www.militaryaerospace.com/commercial-aerospace/article/14303929/the-risks-of-engine-neglect>

From the Article: "While alluring for the opportunity to save cost and time, skipping recommended maintenance checks can lead to engine catastrophe, Walker Jaroch reports for Aircraft Maintenance Technology."

### ***U.K. demonstrates its first successful satnav overlay***

Source: <https://www.militaryaerospace.com/communications/article/14303874/uk-demonstrates-its-first-successful-satnav-overlay>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "UK SBAS works by combining ground monitoring data with satellite connectivity to provide more reliable navigational data, necessary after leaving the European Union."

***Case study: F-Theta Lens***

Source: <https://www.militaryaerospace.com/directory/electro-optics/optics/whitepaper/14303669/avantier-inc-case-study-f-theta-lens>

From the Article: "Innovative F-theta Lens Design for Expanded Field of View in Laser Applications"

***Emerging Radar and Electronic Warfare (EW) Challenges: Developing Test Strategies***

Source: <https://www.militaryaerospace.com/white-papers/whitepaper/14303519/anritsu-emerging-radar-and-electronic-warfare-ew-challenges-developing-test-strategies>

From the Article: "Emerging Radar and Electronic Warfare (EW) Challenges: Developing Test Strategies"

***SIGINT Cyber Security: Importance of Signal Monitoring and Analysis***

Source: <https://www.militaryaerospace.com/white-papers/whitepaper/14303521/anritsu-sigint-cyber-security-importance-of-signal-monitoring-and-analysis>

From the Article: "In the modern landscape of digital warfare, SIGINT plays a pivotal role with the potential to influence the outcomes of conflicts and operations. Stay informed and be part of the conversation on the future of warfare and the power of SIGINT."

***Current Status of UAVs (Drones) and Trends in Applied Wireless Communication Technologies***

Source: <https://www.militaryaerospace.com/white-papers/whitepaper/14303520/anritsu-current-status-of-uavs-drones-and-trends-in-applied-wireless-communication-technologies>

From the Article: "Unlock seamless UAV communication! Explore the challenge of in-

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

flight UAV radio interference disrupting signals to mobile network base stations. Explore how Anritsu paves the way for a future-ready UAV communication landscape."

### ***MEDC approves incentives for EV-related companies to move into Detroit***

Source: <https://www.detroitnews.com/story/business/autos/2024/01/23/medc-approves-incentives-for-ev-related-companies-to-move-into-detroit/72323775007/>

From the Article: "The governing body of the Michigan Economic Development Corp. on Tuesday approved incentives for numerous projects, including two developments for electric vehicle-related companies planning to set up shop in Detroit."

### ***China Says EU's 'Unfair' EV Subsidies Probe Risks Damaging Ties***

Source: <https://www.bloomberg.com/news/articles/2024-01-24/china-says-eu-s-unfair-ev-subsidies-probe-risks-damaging-ties>

From the Article: "(Bloomberg) -- China's ambassador to the European Union called the bloc's probe into Chinese electric vehicle manufacturers over state subsidies "unfair," delivering a veiled warning that more European products could face trade investigations."

### ***Air-taxi maker Vertical Aerospace gets \$50 mln equity injection from founder***

Source: <https://www.reuters.com/business/aerospace-defense/air-taxi-maker-vertical-aerospace-gets-50-mln-equity-injection-founder-2024-01-22/>

From the Article: "Jan 22 (Reuters) - UK-based Vertical Aerospace (M00.F), opens new tab said on Monday founder and CEO Stephen Fitzpatrick would invest \$50 million in the electric vertical take-off and landing (eVTOL) aircraft maker to extend its cash runway until the second quarter of the following year."

### ***Apple Dials Back Car's Self-Driving Features and Delays Launch to 2028***

Source: <https://www.bloomberg.com/news/articles/2024-01-23/apple-car-ev-set-to-debut-in-2028-with-limited-autonomous-driving?srnd=premium&sref=HrWXCALa&leadSource=uverify%20wall>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "After board meetings, car downgraded to Level 2+ autonomy. Company pushes back launch from 2026 to 2028 at the earliest."

### ***China's EV players ramp up competition with Tesla using new tech***

Source: <https://www.cnbc.com/2024/01/24/chinas-ev-players-ramp-up-competition-with-tesla-using-new-technology.html>

From the Article: "As Chinese electric car companies reveal new models at a rapid pace, they're piling in a slew of features: in-car projectors, refrigerators and driver-assist. "Electric vehicles in China becomes a consumer electronics [product]."

### ***Articulated Dump Trucks Get More Advanced***

Source: <https://www.equipmentworld.com/construction-equipment/heavy-equipment/off-road-trucks/article/15662472/articulated-dump-trucks-get-more-advanced>

From the Article: "Articulated dump trucks are built for hauling off-road and would seem to have no room for giant leaps in performance. Refinement, however, continues unabated, and autonomous operation is an ever-larger objective."

### ***Zero-emission truck adoption soars - and not just in California - FreightWaves***

Source: <https://www.freightwaves.com/news/zero-emission-truck-adoption-soars-and-not-just-in-california>

From the Article: "Battery-electric cargo vans dominate multistate electrification growth"

### ***Dubai to consider flexible Salik toll charges to cut congestion***

Source: <https://www.thenationalnews.com/uae/2024/01/22/dubai-to-consider-flexible-toll-charges-to-cut-congestion/>

From the Article: "Roads and Transport Authority says varying charges depending on location and congestion levels could improve traffic tariff system"

### ***[Link back to Table of Contents](#)***

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***New Biden guidance makes EV charger tax credits available where most Americans live***

Source: <https://thehill.com/policy/energy-environment/4417866-electric-vehicle-tax-credits-new-biden-guidance-available-where-most-americans-live/>

From the Article: "The Biden administration has offered a broad interpretation for where electric vehicle (EV) charger projects can qualify for new tax credits — making those credits available in places where about two-thirds of Americans live."

***New type water splitter could make green hydrogen cheaper***

Source: <https://www.science.org/content/article/new-type-water-splitter-could-make-green-hydrogen-cheaper>

From the Article: "Electrolyzer produces hydrogen and oxygen in separate chambers, no membrane needed"

***Cummins to spend \$580M to upgrade North Carolina plant***

Source: <https://www.manufacturingdive.com/news/cummins-plans-580-investment-to-upgrade-rocky-mount-engine-plant-whitakers-north-carolina-plant/704844/>

From the Article: "The new equipment will expand the Rocky Mount plant's ability to produce gasoline and propane engines."

***SUVs drive trend for new cars to grow 1cm wider in UK and EU every two years, says report***

Source: <https://www.theguardian.com/business/2024/jan/22/cars-growing-wider-europe-report>

From the Article: "Bigger cars more likely to kill people, release more toxic gas and are outgrowing design of cities"

***Archer and NASA collaborate on battery testing to 'push AAM industry forward'***

Source: <https://www.flightglobal.com/aerospace/archer-and-nasa-collaborate-on-battery-testing-to-push-aam-industry-forward/156578.article>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "Archer Aviation and NASA are to work together on future research and testing for the advanced air mobility (AAM) industry, with an initial project to focus on battery performance and safety."

### ***BYD Crowned China's No. 1 Selling Car Brand for 2023 Over VW***

Source: <https://www.bloomberg.com/news/articles/2024-01-23/byd-crowned-china-s-no-1-selling-car-brand-for-2023-over-vw>

From the Article: "(Bloomberg) -- BYD Co. officially overtook Volkswagen AG as China's best-selling car brand in 2023, clear evidence its all-in bet on electric vehicles in the world's biggest automobile market is paying dividends and helping it pass some of the world's biggest legacy names."

### ***Ryder adds Kodiak Robotics to its autonomous trucking dance card***

Source: <https://www.freightwaves.com/news/ryder-adds-kodiak-robotics-to-its-autonomous-trucking-dance-card>

From the Article: "Startup paying logistics giant for space in Houston to launch and land driverless trucks"

### ***Beijing to tap emerging tech, including AI, to build smart city***

Source: <https://asianews.network/beijing-to-tap-emerging-tech-including-ai-to-build-smart-city/>

From the Article: "In 2024, the city will further improve underlying technology of AI and make its AI models as advanced as international ones, according to the work report."

### ***Major IT outage at Europe's largest caravan and RV club makes for not-so-happy campers***

Source: [https://www.theregister.com/2024/01/24/major\\_it\\_outage\\_at\\_caravan/](https://www.theregister.com/2024/01/24/major_it_outage_at_caravan/)

From the Article: "The UK's Caravan and Motorhome Club (CAMC) is battling a suspected cyberattack with members reporting widespread IT outages for the past five

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



days."

### ***Splunk fixed high-severity flaw impacting Windows versions***

Source: <https://securityaffairs.com/158019/security/splunk-flaw-windows-installs.html>

From the Article: "Splunk addressed multiple vulnerabilities in Splunk Enterprise, including a high-severity flaw, tracked as CVE-2024-23678 (CVSS score 7.5), impacting the Windows version."

### ***Poisoning AI Models***

Source: <https://www.schneier.com/blog/archives/2024/01/poisoning-ai-models.html>

From the Article: "If an AI system learned such a deceptive strategy, could we detect it and remove it using current state-of-the-art safety training techniques?"

### ***UK says AI will empower ransomware over the next two years - Bleeping Computer***

Source: <https://www.bleepingcomputer.com/news/security/uk-says-ai-will-empower-ransomware-over-the-next-two-years/>

From the Article: "The United Kingdom's National Cyber Security Centre (NCSC) warns that artificial intelligence (AI) tools will have an adverse near-term impact on cybersecurity, helping escalate the threat of ransomware."

### ***5379 GitLab servers vulnerable to zero-click account takeover attacks***

Source: <https://securityaffairs.com/158075/hacking/gitlab-servers-vulnerable-cve-2023-7028.html>

From the Article: "Thousands of GitLab servers are vulnerable to zero-click account takeover attacks exploiting the flaw CVE-2023-7028."

### ***\$2.4 trillion securities platform owner hacked. EquiLend admits "unauthorised access"***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.thestack.technology/equilend-cybersecurity-incident/>

From the Article: "Financial technology company EquiLend - the owner of a NGT, a platform that executes \$2.4 trillion of securities transactions each month – has confirmed “unauthorized access to our systems” on January 22."

### ***HPE joins the 'our executive email was hacked by Russia' club***

Source: [https://www.theregister.com/2024/01/25/hpe\\_russia\\_email\\_attack/](https://www.theregister.com/2024/01/25/hpe_russia_email_attack/)

From the Article: "Cozy Bear may have had access to the green rectangular email and SharePoint cloud for six months HPE has become the latest tech giant to admit it has been compromised by Russian operatives."

### ***Ransomware attack hits Veolia North America | SC Media***

Source: <https://www.scmagazine.com/brief/ransomware-attack-hits-veolia-north-america>

From the Article: "Major global water and wastewater system operator Veolia had some of its internal back-end systems at its North America Municipal Water division impacted by a ransomware attack"

### ***How the FBI is fighting an increasing number of ransomware attacks - WCVB***

Source: <https://www.wcvb.com/article/fbi-effort-to-fight-ransomware-5-investigates/46525758>

From the Article: "Inside a nondescript office building, the FBI is working with IBM to train people to prepare for cyber and ransomware attacks."

### ***Evolving BianLian ransomware attack strategies detailed | SC Media***

Source: <https://www.scmagazine.com/brief/evolving-bianlian-ransomware-attack-strategies-detailed>

From the Article: "Intrusions by the BianLian ransomware operation during the past year have been refocused on specific targets and involved new attack techniques, according

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

to SiliconAngle."

### ***Global fintech firm EquiLend offline after recent cyberattack - Bleeping Computer***

Source: <https://www.bleepingcomputer.com/news/security/global-fintech-firm-equilend-offline-after-recent-cyberattack/>

From the Article: "New York-based global financial technology firm EquiLend says its operations have been disrupted after some systems were taken offline in a Monday cyberattack."

### ***Kasseika Ransomware Using BYOVD Trick to Disarms Security Pre-Encryption***

Source: <https://thehackernews.com/2024/01/kasseika-ransomware-using-byovd-trick.html>

From the Article: "The ransomware group known as Kasseika has become the latest to leverage the Bring Your Own Vulnerable Driver (BYOVD) attack to disarm security-related processes on compromised Windows hosts, joining the likes of other groups like Akira, AvosLocker, BlackByte, and RobbinHood."

### ***North Korean Hackers Using AI in Advanced Cyberattacks***

Source: <https://www.bankinfosecurity.com/north-korean-hackers-using-ai-in-advanced-cyberattacks-a-24184>

From the Article: "South Korea's intelligence agency reported Wednesday that North Korean hackers are using generative AI technology to conduct sophisticated cyberattacks and identify hacking targets."

### ***UK Mulls Rollout of New Software Vulnerability Rules***

Source: <https://www.bankinfosecurity.com/uk-mulls-rollout-new-software-vulnerability-rules-a-24180>

From the Article: "The U.K. government is mulling the rollout of a voluntary set of rules urging software vendors to responsibly disclose vulnerabilities in their systems."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

### ***GSA Sparks Security Fears After Buying Risky Chinese Cameras***

Source: <https://www.bankinfosecurity.com/gsa-sparks-security-fears-after-buying-risky-chinese-cameras-a-24179>

From the Article: "Experts are raising fresh concerns about the "significant risk" for Chinese espionage against U.S. federal networks after a government watchdog caught the government's main acquisition arm purchasing unauthorized, Chinese-manufactured video conference cameras."

### ***Pwn2Own Automotive: Hackers Earn Over \$700k for Tesla, EV Charger, Infotainment Exploits***

Source: <https://www.securityweek.com/pwn2own-automotive-hackers-earn-over-700k-for-tesla-ev-charger-infotainment-exploits/>

From the Article: "Trend Micro's Zero Day Initiative (ZDI), the organizer of the event taking place January 24-26 alongside the Automotive World conference in Tokyo, Japan, said it awarded a total of \$722,500 for 24 unique exploits on the first day."

### ***Jason's Deli Restaurant Chain Hit by a Credential Stuffing Attack***

Source: <https://securityboulevard.com/?p=2006474>

From the Article: "The personal information of more than 340,000 customers of popular restaurant chain Jason's Deli may have been victims of a credential stuffing attack, a scheme in which the hacker uses stolen or leaked credentials to log into other online accounts."

### ***Zscaler reportedly in negotiations to acquire Avalor. Silverfort raises \$116 million in Series D round.***

Source: <https://thecyberwire.com/newsletters/business-briefing/6/4>

From the Article: "CRN reports that San Jose, California-based cybersecurity firm Zscaler is in negotiations to acquire Israeli data security startup Avalor for \$300 million."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

### ***AMD Ryzen 9000X3D “Zen 5 3D V-Cache” CPUs Allegedly Launching in Jan 2025***

Source: <https://www.hardwaretimes.com/amd-ryzen-9000x3d-zen-5-3d-v-cache-cpus-allegedly-launching-in-jan-2025/>

From the Article: "AMD is set to launch its next-gen Ryzen 9000 processors later this year."

### ***Fortra Discloses Critical Auth Bypass Vuln in GoAnywhere MFT***

Source: <https://www.darkreading.com/cyberattacks-data-breaches/fortra-discloses-critical-auth-bypass-vuln-in-goanywhere-mft>

From the Article: "A proof-of-concept exploit is now available for a near maximum-severity flaw in Fortra's GoAnywhere Managed File Transfer (MFT) software that the company publicly disclosed on Jan. 23 after quietly informing customers about the threat almost seven weeks ago."

### ***AI Learning Initiative Launches for UAE Women***

Source: <https://www.darkreading.com/cybersecurity-operations/ai-learning-initiative-launched-uae-women>

From the Article: "The United Arab Emirates (UAE) National Program for Coders has announced an initiative to train 100 Emirati women in artificial intelligence (AI) technology, including cybersecurity."

### ***Coal: Don't Burn It, Compute With It***

Source: <https://spectrum.ieee.org/silicon-semiconductor-alternatives-coal>

From the Article: "A team of researchers have found a way to use coal to create ultrathin insulating films that could help launch a new era of semiconductors made with 2D materials."

### ***DOD Awards \$49 Million to Improve Advanced Semiconductor Packaging Capabilities***

Source: <https://www.defense.gov/News/Releases/Release/Article/3655035/dod-awards->

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

### [49-million-to-improve-advanced-semiconductor-packaging-capabilities/](#)

From the Article: "The Department of Defense announced today the award of two contracts totaling \$49 million to revitalize advanced packaging capabilities and capacity for semiconductors used in defense applications. The awards were made through the Industrial Base Analysis and Sustainment (IBAS) program to Micross Components and the government of Osceola County, Florida."

### ***Intel opens fab 9 new mexico html***

Source: <https://www.intel.com/content/www/us/en/newsroom/news/intel-opens-fab-9-new-mexico.html>

From the Article: "Opening marks a milestone for high-volume manufacturing of 3D advanced packaging technologies."

### ***Russia repeatedly hammering gps baltic***

Source: <https://www.linkedin.com/pulse/russia-repeatedly-hammering-gps-baltic-dana-a-goward-u1kje/>

From the Article: "Why It's Important: Electronic warfare is warfare. These attacks have targeted the aircraft and vessels of other nations operating in international airspace and waters. They have also impacted the sovereign territory and infrastructure of NATO members. They pose a substantial risk to life and property. See near loss of commercial passenger aircraft due GPS interference."

### ***Grooming, radicalization and cyber-attacks: INTERPOL warns of 'Metacrime'***

Source: <https://www.interpol.int/en/News-and-Events/News/2024/Grooming-radicalization-and-cyber-attacks-INTERPOL-warns-of-Metacrime>

From the Article: "DAVOS, Switzerland – A comprehensive analysis of the Metaverse's key challenges, threats and harms from a law enforcement perspective is outlined in a new INTERPOL White Paper published today."

### ***We Must Consider Software Developers a Key Part of the Cybersecurity Workforce***

#### [Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.cisa.gov/news-events/news/we-must-consider-software-developers-key-part-cybersecurity-workforce>

From the Article: "It is long overdue for academia to reconsider their role in producing a software developer workforce that enables increasingly damaging cyberattacks. As long as cybersecurity remains an elective, too many software developers will lack even a basic understanding about security and will continue prioritize speed to market over the security and safety of their customers."

### ***Intel opens massive factory in Rio Rancho***

Source: [https://www.abqjournal.com/intel-opens-massive-factory-in-rio-rancho/article\\_86cb5034-bae2-11ee-9793-377d82a32daf.html](https://www.abqjournal.com/intel-opens-massive-factory-in-rio-rancho/article_86cb5034-bae2-11ee-9793-377d82a32daf.html)

From the Article: "Intel Corp. on Wednesday opened a massive factory in Rio Rancho, where it will manufacture advanced semiconductor packaging technologies. The company invested \$3.5 billion to build the Fab 9 factory."

### ***Biden Aims to Stop Countries From Exploiting Americans' Data for Blackmail, Espionage***

Source: <https://www.bloomberg.com/news/articles/2024-01-23/biden-seeks-to-stop-countries-from-exploiting-americans-data-for-espionage>

From the Article: "Concern about countries accessing US data through legal means. White House worried about AI being used to mine information"

### ***Tech Giant HP Enterprise Hacked by Russian Hackers Linked to DNC Breach***

Source: <https://thehackernews.com/2024/01/tech-giant-hp-enterprise-hacked-by.html>

From the Article: "Hackers with links to the Kremlin are suspected to have infiltrated information technology company Hewlett Packard Enterprise's (HPE) cloud email environment to exfiltrate mailbox data."

### ***Request for Information - Space Weather Impacts on GNSS Applications Survey***

Source: [https://idaorg.gov1.qualtrics.com/jfe/form/SV\\_6VabsNUU8uKmhzE](https://idaorg.gov1.qualtrics.com/jfe/form/SV_6VabsNUU8uKmhzE)

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "The following survey asks general questions regarding the end-user application's reliance on GNSS PNT information and the sensitivity of the associated technology to possible GNSS degradation by space weather. It also seeks to understand the communities' level of knowledge related to identifying potential effects due to space weather events versus other sources."

### ***South Korea invests big in becoming a global chip leader - DW***

Source: <https://www.dw.com/en/south-korea-invests-big-in-becoming-a-global-chip-leader/a-68073870>

From the Article: "South Korea is striving for dominance in chip production by investing \$470 billion in a semiconductor "mega cluster" outside of Seoul. The move comes as the US-China rivalry complicates supply chains."

### ***The race is on to prepare Australia for nuclear subs***

Source: <https://www.defenseone.com/business/2024/01/race-prepare-australia-nuclear-subs/393601/>

From the Article: ""There has been a hiatus where we weren't all paying attention. Now we've got to catch up," a UK shipbuilding exec says."

### ***Intel and UMC Announce New Foundry Collaboration***

Source: <https://www.intel.com/content/www/us/en/newsroom/news/ifs-manufacturing-news-2024.html>

From the Article: "The companies will develop a 12-nanometer process platform to be manufactured at fabs in Arizona."

### ***HPE breached by Russian APT behind Microsoft hack***

Source: <https://www.techtarget.com/searchsecurity/news/366567743/HPE-breached-by-Russian-APT-behind-Microsoft-hack>

From the Article: "HPE disclosed via an 8-K filing that it recently suffered a cyberattack believed to have been perpetrated by Cozy Bear, the Russian nation-state actor behind

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



a recent, similar attack against Microsoft."

### ***Crypto Firm Terraform Labs Files for Chapter 11 Bankruptcy in US***

Source: <https://www.cysecurity.news/2024/01/crypto-firm-terraform-labs-files-for.html>

From the Article: "Following the 2022 collapse of its cryptocurrencies, Singapore-based Terraform Labs (TFL), the firm behind digital assets TerraUSD (UST) and Luna, filed for Chapter 11 bankruptcy in Delaware."

### ***Why Is The Power Device Market So Hot Right Now?***

Source: <https://www.synopsys.com/blogs/chip-design/power-semiconductor-devices.html>

From the Article: "Silicon carbide (SiC) and gallium nitride (GaN) materials are being adopted to address the challenge, providing more efficient devices with higher power density, but with increased design complexity."

### ***New bill looks to shore up US food, agriculture sectors***

Source: <https://therecord.media/new-bill-looks-to-shore-up-food-agriculture-sectors-cyber>

From the Article: "A bipartisan duo of U.S. senators on Thursday introduced legislation to boost the digital defenses protecting the agriculture and food critical infrastructure sectors."

### ***Google Kubernetes Clusters Suffer Widespread Exposure to External Attackers***

Source: <https://www.darkreading.com/cloud-security/anyone-with-google-account-can-hack-misconfigured-kubernetes-clusters>

From the Article: "The authentication mechanism within the Google Kubernetes Engine (GKE) has a loophole that could allow an external attacker with any Google account to access organizations' private Kubernetes container clusters, researchers have found."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***HP Claims Monopoly on Ink, Alleges 3rd-Party Cartridge Malware Risk***

Source: <https://www.hackread.com/hp-ink-cartridge-monopoly-3rd-party-malware/>

From the Article: "HP CEO Enrique Lores defended HP's practice of bricking printers when loaded with third-party ink."

***Browser-based Phishing Attacks Increase By 198% Over Six Months***

Source: <https://blog.knowbe4.com/browser-based-phishing-attacks-on-the-rise>

From the Article: "Researchers at Menlo Security observed a 198% increase in browser-based phishing attacks over the past six months."

***How Datawiza uses Microsoft Entra ID to help universities simplify access***

Source: <https://www.microsoft.com/en-us/security/blog/2024/01/24/how-datawiza-uses-microsoft-entra-id-to-help-universities-simplify-access/>

From the Article: "In a scenario familiar to many universities worldwide, Claremont Graduate University (CGU), a renowned research university located in Southern California, was struggling with how to bring Oracle PeopleSoft Campus Solutions into its Microsoft 365 and Microsoft Entra ID (formerly Azure Active Directory) environment and enable multifactor authentication and single sign-on (SSO) for students and staff who access Oracle PeopleSoft on a daily basis."

***Assessing and mitigating cybersecurity risks lurking in your supply chain - WeLiveSecurity***

Source: <https://www.welivesecurity.com/en/business-security/assessing-mitigating-cybersecurity-risks-supply-chain/>

From the Article: "Blindly trusting your partners and suppliers on their security posture is not sustainable – it's time to take control through effective supplier risk management "

***Trickbot malware scumbag gets five years for infecting hospitals, businesses***

Source: [https://www.theregister.com/2024/01/25/trickbot\\_malware\\_dev\\_sentenced/](https://www.theregister.com/2024/01/25/trickbot_malware_dev_sentenced/)

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "A former Trickbot developer has been sent down for five years and four months for his role in infecting American hospitals and businesses with ransomware and other malware, costing victims tens of millions of dollars in losses."

### ***Weasel Words Rule Too Many Data Breach Notifications***

Source: <https://www.bankinfosecurity.com/blogs/weasel-words-rule-too-many-data-breach-notifications-p-3556>

From the Article: "Does a day ever go by without a fresh set of data breach notifications? Some organizations' breach notifications at least signal respect for the recipient."

### ***Directed Energy: The Focus on Laser Weapons Intensifies***

Source: <https://www.rand.org/pubs/commentary/2024/01/directed-energy-the-focus-on-laser-weapons-intensifies.html>

From the Article: "Directed energy weapons offer a more cost-efficient means of dealing with fast-proliferating threats. If the technology can be matured, such systems could tip both the military and economic calculus of modern warfare in their users' favor."

### ***Break-in to its systems forces EquiLend to drag them offline - Theregister***

Source: [https://www.theregister.com/2024/01/25/cybersecurity\\_incident\\_forces\\_equilend\\_to/](https://www.theregister.com/2024/01/25/cybersecurity_incident_forces_equilend_to/)

From the Article: "US securities lender EquiLend has pulled a number of its systems offline after a security "incident" in which an attacker gained "unauthorized access"."

### ***Panorays Study Finds 94% of CISOs Are Concerned About Third-party Cyber Threats, Yet Only 3% Have Implemented Security Measures***

Source: <https://www.darkreading.com/cyber-risk/panorays-study-finds-94-of-cisos-are-concerned-about-third-party-cyber-threats-yet-only-3-have-implemented-security-measures>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: " Panorays, a leading provider of third-party security risk management software, has conducted its 2024 CISO Survey of 200 CISOs to determine their sentiments around third-party security management, AI-driven solutions, and challenges they are facing this year."

### ***23andMe data breach: Hackers stole raw genotype data, health reports***

Source: <https://www.bleepingcomputer.com/news/security/23andme-data-breach-hackers-stole-raw-genotype-data-health-reports/>

From the Article: "Genetic testing provider 23andMe confirmed that hackers stole health reports and raw genotype data of customers affected by a credential stuffing attack that went unnoticed for five months, from April 29 to September 27."

### ***SecurityScorecard Launches MAX***

Source: <https://www.darkreading.com/cybersecurity-operations/securityscorecard-launches-max>

From the Article: "SecurityScorecard today announced SecurityScorecard MAX™, a new partner-focused managed service from SecurityScorecard that builds on the company's decade of experience in the supply chain cyber risk management market."

### ***AI Intensifying Global Ransomware Threat, Warns The NCSC - The Tech Report***

Source: <https://techreport.com/news/ai-intensifying-global-ransomware-threat-warns-the-ncsc/>

From the Article: "The National Cyber Security Centre (NCSC) published a report on January 24, highlighting the near-term impact of AI on the looming cyber threat."

### ***HHS releases voluntary cybersecurity goals for the healthcare sector***

Source: <https://www.healthcarediver.com/news/hhs-voluntary-healthcare-cybersecurity-goals/705585/>

From the Article: "The HHS released voluntary cybersecurity goals for healthcare and public health organizations on Wednesday, as the industry grapples with increasing

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

large data breaches and ransomware attacks."

### ***Malwarebytes wins every MRG Effitas award for 2 years in a row***

Source: <https://www.malwarebytes.com/blog/business/2024/01/malwarebytes-wins-mrg-effitas-award-for-2-years-in-a-row>

From the Article: "ThreatDown Endpoint Protection (EP) achieved the highest possible score (100%) and received certifications for Level 1, Exploit, Online Banking, and Ransomware in the most recent anti-malware efficacy assessment results for the Q3 2023 evaluation performed by MRG Effitas, a world leader in independent IT research."

### ***Feds Warn Healthcare Sector of ScreenConnect Threats***

Source: <https://www.bankinfosecurity.com/feds-warn-healthcare-sector-screenconnect-threats-a-24193>

From the Article: "Federal authorities are warning of attacks on healthcare sector firms that use ConnectWise's remote access tool ScreenConnect. Hackers compromised a locally hosted version of the tool used by a large national pharmacy supply chain and managed services provider in 2023."

### ***Pwn2Own 2024: Tesla Hacks, Dozens of Zero-Days in Electrical Vehicles***

Source: <https://www.darkreading.com/ics-ot-security/pwn2own-2024-teslas-hacked-dozens-new-zero-days-evs>

From the Article: "In just two days at Pwn2Own 2024 in Tokyo, researchers have compromised a bevy of electric vehicle chargers, operating systems, Tesla components, and unearthed dozens of zero-day vulnerabilities along the way."

### ***Airline Gets SASE to Modernize Operations***

Source: <https://www.darkreading.com/cloud-security/airline-experiments-with-sase-to-improve-overall-security>

From the Article: "Cathay, a travel lifestyle brand that includes the Cathay Pacific airline, had a growing cybersecurity problem made worse by its aging technology infrastructure."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

It solved part of the problem by replacing legacy technology with a modern one that has security built in."

***Bill seeks cyber protections for food and agriculture - CyberScoop***

Source: <https://cyberscoop.com/farm-and-food-cybersecurity-act/>

From the Article: "Bipartisan, bicameral legislation released Thursday would bolster cybersecurity protections in the food and agriculture industry, in a bid to improve the resilience of the U.S. food supply after a 2021 ransomware incident that disrupted the availability of meat to U.S. consumers."

***Malicious ads for restricted messaging applications target Chinese users***

Source: <https://www.malwarebytes.com/blog/threat-intelligence/2024/01/malicious-ads-for-restricted-messaging-applications-target-chinese-users>

From the Article: "An ongoing campaign of malicious ads has been targeting Chinese-speaking users with lures for popular messaging applications such as Telegram or LINE with the intent of dropping malware."

***Apple Patches iOS, macOS 0-Day That May Have Been Exploited***

Source: <https://www.scmagazine.com/news/apple-patches-zero-day-affecting-operating-systems-for-devices-macs>

From the Article: "Apple released a bevy of security patches to address a range of vulnerabilities including a zero-day that "may have been exploited" in iPhones, iPads and Macintosh computers."

***Missouri's Secretary of State accused of withholding critical cybersecurity reviews of election authorities. Iowa files lawsuit against TikTok.***

Source: <https://thecyberwire.com/newsletters/caveat-briefing/2/3>

From the Article: "Missouri's Secretary of State accused of withholding critical cybersecurity reviews of election authorities. Iowa files lawsuit against TikTok."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***FBI and CISA issue guidance for companies using Chinese-made UAS to protect cyber and information security***

Source: <https://www.militaryaerospace.com/trusted-computing/article/14303983/fbi-and-cisa-issue-guidance-for-companies-using-chinese-made-uas-to-protect-cyber-and-information-security>

From the Article: "The agencies have emphasized that Chinese-manufactured UAS, commonly known as drones, continue to present a significant threat to critical infrastructure and U.S. national security."

***Anduril to use artificial intelligence (AI) and sensor fusion for IR-based counter-UAV perimeter security***

Source: <https://www.militaryaerospace.com/computers/article/14303950/artificial-intelligence-ai-sensor-fusion-counter-uav>

From the Article: "WISP relies on artificial intelligence (AI) for passive full-motion 360-degree persistent automated threat detection and situational awareness."

***What is a door plug, and why do some airplanes have them?***

Source: <https://www.militaryaerospace.com/commercial-aerospace/article/14303984/what-is-a-door-plug-and-why-do-some-airplanes-have-them>

From the Article: "The Alaska Airlines flight revealed a little-known secret in aviation: Emergency exits are expensive, Fast Company reports."

***General Dynamics set to build 39th and 40th Virginia Class submarines, sonar sensors, and electro-optics***

Source: <https://www.militaryaerospace.com/computers/article/14303949/submarines-electro-optics-sonar>

From the Article: "The Virginia class boats offer several electronic, electro-optics, and propulsion innovations not previously built into other submarine classes."

***[Link back to Table of Contents](#)***

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***Army asks AeroVironment to build compact Switchblade unmanned anti-personnel smart mortar for infantry***

Source: <https://www.militaryaerospace.com/uncrewed/article/14303891/unmanned-smart-mortar-anti-personnel>

From the Article: "The Switchblade attack drone, which essentially functions as a smart mortar round, transmits live color and infrared video wirelessly after launch."

***Chip Industry Week In Review***

Source: <https://semiengineering.com/chip-industry-week-in-review-20/>

From the Article: "UMC-Intel 12nm deal; Apple's EV delay; Google settles AI TPU lawsuit; UT Austin's AI center; double taxation bill; DRAM designs; Infineon supply chain deals; Intel's new fab; Renesas' surround view; Keysight chiplet PHY designer."

***EDA Back On Investors' Radar***

Source: <https://semiengineering.com/eda-back-on-investors-radar/>

From the Article: "Big changes are fueling growth, and it's showing in EDA revenue, acquisitions, and stock prices."

***Edmunds Top Rated Awards for 2024 are out***

Source: <https://apnews.com/article/best-vehicles-2024-hybrid-electric-03144558b5a2f491d4e11a0aecf761ac>

From the Article: "Edmunds came up with six winners for best car, SUV, truck and the electric versions of each. Some vehicles are repeat winners while others are new champions. We've listed the vehicles below, sorted by vehicle type. All prices include destination charges."

***Hyundai-Kia retains global No. 3 spot as profits top Tesla's***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



Source: <https://www.koreaherald.com/view.php?ud=20240125000817>

From the Article: "Carmaker outpaces Tesla in margin, driven by a diverse range of more profitable SUV, EV sales"

### ***The US Postal Service's new EV chargers are here***

Source: <https://www.theverge.com/2024/1/22/24046897/usps-postal-service-electric-vehicle-charging-event>

From the Article: "The US Postal Service showed off its first batch of new chargers and electric vehicles at an event in Atlanta."

### ***What's next for robotaxis in 2024***

Source: <https://www.technologyreview.com/2024/01/23/1086936/whats-next-for-robotaxis-2024/>

From the Article: "In addition to restoring public trust, robotaxi companies need to prove that their business models can compete with Uber and taxis."

### ***House committee backs Artemis despite latest delay***

Source: <https://spacenews.com/house-committee-backs-artemis-despite-latest-delay/>

From the Article: "WASHINGTON — Members of a key congressional committee expressed disappointment over the latest delay in NASA's plans to return humans to the moon but showed little interest in making major changes to that program."

### ***Office of Space Commerce starts commercial pathfinder project for civil space traffic coordination system***

Source: <https://spacenews.com/office-of-space-commerce-starts-commercial-pathfinder-project-for-civil-space-traffic-coordination-system/>

From the Article: "WASHINGTON — The Office of Space Commerce has selected three companies to participate in a pathfinder program that could lead to the incorporation of commercial data into its space traffic coordination system."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***Guetlein calls for a change in culture in 'responsive space'***

Source: <https://spacenews.com/guetlein-calls-for-a-change-in-culture-in-responsive-space/>

From the Article: "It's not just about hardware and speed records, said the vice chief of space operations Gen. Michael Guetlein"

***DoD seeks less space classification, more collaboration with allies and commercial partners***

Source: <https://spacenews.com/dod-seeks-less-space-classification-more-collaboration-with-allies-and-commercial-partners/>

From the Article: "Assistant Secretary of Defense John Plumb: Classification is here to stay but DoD is taking a hard look at where it might have gone overboard"

***New report calls for DoD investments in lunar space infrastructure***

Source: <https://spacenews.com/new-report-calls-for-dod-investments-in-lunar-space-infrastructure/>

From the Article: "The report by the Mitchell Institute advocates for military funding in areas like cislunar space surveillance sensors, high bandwidth communications and navigation systems"

***U.S. bracing for tougher satellite radio wave negotiations***

Source: <https://spacenews.com/u-s-bracing-for-tougher-satellite-radio-wave-negotiations/>

From the Article: "TAMPA, Fla. — It will become increasingly challenging to protect national interests during treaty-level talks over how radio waves should be allocated for satellite connectivity, according to the ambassador who led U.S. efforts at the 2023 World Radiocommunication Conference (WRC-23)."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***Internet from space: U.S. Air Force bets on commercial networks***

Source: <https://spacenews.com/internet-from-space-u-s-air-force-bets-on-commercial-networks/>

From the Article: "The DEUCSI program awarded \$250 million in contracts in 2023"

***The US Desperately Needs EVs Under \$50,000. They're On the Way***

Source: <https://www.bloomberg.com/news/articles/2024-01-25/the-us-desperately-needs-evs-under-50-000-they-re-on-the-way>

From the Article: "(Bloomberg) -- For many carmakers, the end of last year was defined by plans to pump the brakes on making new EVs: Ford, General Motors and Volkswagen all trimmed output of electric models or walked back production goals in recent months. "

***Porsche CFO Says Europe May Delay Ban of New Fuel-Burning Cars***

Source: <https://www.bloomberg.com/news/articles/2024-01-25/porsche-cfo-says-europe-may-delay-ban-of-new-fuel-burning-cars>

From the Article: "(Bloomberg) -- Europe's plan to phase out the sale of new combustion-engine cars by 2035 could be pushed back, said Porsche AG Chief Financial Officer Lutz Meschke."

***NASA preps Starliner capsule for first crewed flight to ISS***

Source: <https://www.digitaltrends.com/space/nasa-preps-starliner-capsule-for-first-crewed-flight-to-iss/>

From the Article: "NASA said on Wednesday that it's made significant progress on resolving technical issues with its CST-100 Starliner spacecraft, putting it on course for its first crewed test flight in April at the earliest."

***Lucid Motors expands Arizona plant ahead of Gravity launch***

Source: <https://www.automotivedive.com/news/lucid-motors-advanced-manufacturing->

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

[plant-expansion-casa-grande-arizona/705550/](#)

From the Article: "The plant will grow by about 3 million square feet as the company adds a new manufacturing facility, storage space and more."

### ***Commercial-truck EV fleets slow to grow***

Source: <https://www.sae.org/news/2024/01/commercial-ev-truck-market-starts-to-grow>

From the Article: "Even for the largest players, the underdeveloped charging ecosystem is hampering commercial-truck fleets' electrification efforts."

### ***Kentucky considers giving green light to driverless cars***

Source: [https://www.wdrb.com/news/business/kentucky-considers-giving-green-light-to-driverless-cars/article\\_4d4fcee0-bb03-11ee-9191-f34419f89684.html](https://www.wdrb.com/news/business/kentucky-considers-giving-green-light-to-driverless-cars/article_4d4fcee0-bb03-11ee-9191-f34419f89684.html)

From the Article: "LOUISVILLE, Ky. (WDRB) -- Kentucky lawmakers are once again considering authorizing driverless cars and trucks on public roads a year after Gov. Andy Beshear vetoed similar legislation."

### ***Navigating the Electric Avenue: Challenges Cities Face as EV Demand Surges***

Source: <https://www.automatedbuildings.com/2024/01/25/navigating-the-electric-avenue-challenges-cities-face-as-ev-demand-surges/>

From the Article: "As the global transition towards sustainable transportation gains momentum, cities are encountering a host of challenges with the increasing demand for Electric Vehicles (EVs). While the environmental benefits of EVs are evident, the surge in their popularity presents a multifaceted set of issues for city planners."

### ***Space Policy Official Details Approach to Maintaining U.S. Edge***

Source: <https://www.defense.gov/News/News-Stories/Article/Article/3649094/space-policy-official-details-approach-to-maintaining-us-edge/>

From the Article: "The Defense Department is laser focused on deterring aggression through critical investments and sound decisions that will shape U.S. and allied space

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

capabilities for years to come, the Pentagon's top space policy official said."

### ***NASA Selects 12 Companies for Space Station Services Contract***

Source: <https://www.nasa.gov/news-release/nasa-selects-12-companies-for-space-station-services-contract/>

From the Article: "NASA has selected 12 companies to provide research, engineering, and mission integration services for the International Space Station Program."

### ***NASA Administrator Names New Head of Space Technology***

Source: <https://www.nasa.gov/news-release/nasa-administrator-names-new-head-of-space-technology/>

From the Article: "Dr. Kurt "Spuds" Vogel will serve as the new associate administrator of the Space Technology Mission Directorate (STMD) at the agency's headquarters in Washington, NASA Administrator Bill Nelson announced Tuesday. His appointment is effective immediately."

### ***NASA, Partners to Welcome Private Crew Aboard Space Station***

Source: <https://www.nasa.gov/news-release/nasa-partners-to-welcome-private-crew-aboard-space-station/>

From the Article: "As part of NASA's efforts to enable more access to space, four private astronauts are in orbit following the successful launch of the third all private astronaut mission to the International Space Station. Axiom Space astronauts lifted off at 4:49 p.m. EST on Thursday from Launch Complex 39A at NASA's Kennedy Space Center in Florida."

### ***Japan becomes the fifth country to land a spacecraft on the moon***

Source: <https://apnews.com/article/japan-moon-landing-jaxa-probe-slim-845d4868636df5ced2e1818c588f29a4>

From the Article: "TOKYO (AP) — Japan became the fifth country in history to reach the moon when one of its spacecrafts without astronauts successfully made a soft landing

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

on the lunar surface early Saturday."

### ***Japanese Mars mission launch delayed to 2026***

Source: <https://spacenews.com/japanese-mars-mission-launch-delayed-to-2026/>

From the Article: "NEW ORLEANS — The launch of a Japanese mission to collect samples from the Martian moon Phobos and return them to Earth, previously scheduled for later this year, has slipped to 2026."

### ***ESA and EU collaborate on launch initiative***

Source: <https://spacenews.com/esa-and-eu-collaborate-on-launch-initiative/>

From the Article: "WASHINGTON — The European Space Agency and European Commission have selected five launch companies to participate in a new program to provide flight opportunities for new technologies, a sign of a greater role the European Union seeks to play in launch."

### ***Belgium signs Artemis Accords***

Source: <https://spacenews.com/belgium-signs-artemis-accords/>

From the Article: "WASHINGTON — Belgium has signed the Artemis Accords outlining best practices for responsible behavior in space exploration, becoming the latest major European space power to join."

### ***Microsoft reveals how hackers breached its Exchange Online accounts - Bleeping Computer***

Source: <https://www.bleepingcomputer.com/news/security/microsoft-reveals-how-hackers-breached-its-exchange-online-accounts/>

From the Article: "Microsoft confirmed that the Russian Foreign Intelligence Service hacking group, which hacked into its executives' email accounts in November 2023, also breached other organizations as part of this malicious campaign."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

### ***NCA celebrates National Data Privacy Week while CISA eyes new cybersecurity guidelines***

Source: <https://www.nextgov.com/cybersecurity/2024/01/nca-celebrates-national-data-privacy-week-while-cisa-eyes-new-cybersecurity-guidelines/393663/>

From the Article: "The week's themes reflect a new era where everything is interconnected and new threats like artificial intelligence are poised to make a big impact on cybersecurity."

### ***Microsoft Teams outage causes connection issues, message delays***

Source: <https://www.bleepingcomputer.com/news/microsoft/microsoft-teams-outage-causes-connection-issues-message-delays/>

From the Article: "Microsoft is investigating an ongoing and widespread outage impacting the users of its Teams communication platform and causing connectivity issues, login problems, and message delays."

### ***Watch out, experts warn of a critical flaw in Jenkins***

Source: <https://securityaffairs.com/158151/security/jenkins-critical-flaw.html>

From the Article: "Jenkins maintainers addressed several security vulnerabilities, including a critical remote code execution (RCE) flaw."

### ***Data Privacy Day 2024: Security leaders share AI concerns***

Source: <https://www.securitymagazine.com/articles/100354-data-privacy-day-2024-security-leaders-share-ai-concerns>

From the Article: "With the ever-changing threat landscape, Data Privacy Day looks a little different each year as technology such as artificial intelligence develops."

### ***Who is Alleged Medibank Hacker Aleksandr Ermakov? - Krebs on Security***

Source: <https://krebsonsecurity.com/2024/01/who-is-alleged-medibank-hacker-aleksandr-ermakov/>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "Authorities in Australia, the United Kingdom and the United States this week levied financial sanctions against a Russian man accused of stealing data on nearly 10 million customers of the Australian health insurance giant Medibank ."

***Researchers Observe Increase in Emerging Ransomware Groups Targeting Healthcare***

Source: <https://healthitsecurity.com/news/researchers-observe-increase-in-emerging-ransomware-groups-targeting-healthcare>

From the Article: "Ransomware remains a top threat to healthcare, as exemplified by the number of high-profile attacks carried out by prolific threat actor groups"

***How ransomware attacks at Wichita hospitals threaten your privacy and health - KSN-TV***

Source: <https://wichitabeacon.org/stories/2024/01/26/how-ransomware-attacks-at-wichita-hospitals-threaten-your-privacy/>

From the Article: "Since December, at least two Wichita medical practices joined a growing and unwelcome trend in health care: They got hacked and had to tell patients that their personal medical and financial information was in the hands of cybercriminals."

***Thousands of Dark Web Posts Expose ChatGPT Abuse Plans***

Source: <https://www.hackread.com/dark-web-posts-expose-chatgpt-abuse-plans/>

From the Article: "Cybercriminals are actively promoting the abuse of ChatGPT and similar chatbots, offering a range of malicious tools from malware to phishing kits."

***Despite awareness, small businesses still highly vulnerable to cyber attacks***

Source: <https://www.insurancebusinessmag.com/us/news/cyber/despite-awareness-small-businesses-still-highly-vulnerable-to-cyber-attacks-474678.aspx>

From the Article: "Despite awareness, small businesses still highly vulnerable to cyber attacks Nearly half fell victim to a cyber breach last year Despite improving preparedness, US small businesses are still highly vulnerable to cyber incidents."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



***Microsoft Says Test Account Gave Hackers Keys to the Kingdom***

Source: <https://www.bankinfosecurity.com/microsoft-says-test-account-gave-hackers-keys-to-kingdom-a-24195>

From the Article: "A nation-state hacking group run by Russian intelligence gained access to a Microsoft "legacy, non-production test tenant account" and used it to authorize malicious Office 365 OAuth applications, access Outlook, and steal Microsoft and customers' emails and attachments, Microsoft said."

***INTERPOL Fights Virtual Crime in the Metaverse***

Source: <https://www.cysecurity.news/2024/01/interpol-fights-virtual-crime-in.html>

From the Article: "This virtual space, described as a 3D online environment where users interact through avatars, has raised concerns about potential crimes like grooming, radicalization, and cyber-attacks on critical infrastructure."

***Ring curtails law enforcement's access to footage***

Source: <https://www.malwarebytes.com/blog/news/2024/01/ring-stops-unlimited-access-to-neighbors-app-for-law-enforcement>

From the Article: "US law enforcement will no longer be able to request footage through the Neighbors app produced by Ring video doorbells and surveillance cameras."

***No more 'must-wins': Defense firms growing warier of fixed-price deals***

Source: <https://www.defensenews.com/industry/2024/01/25/no-more-must-wins-defense-firms-growing-warier-of-fixed-price-deals/>

From the Article: "WASHINGTON — Lockheed Martin chief executive Jim Taiclet offered a warning during a quarterly earnings call this week, The government, he said, is putting too much risk on defense companies by flexing its muscle as the sole buyer of military hardware, and his firm is changing its approach."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***US senator says NSA's purchase of Americans' data is unlawful. Mexican banks targeted by AllaKore RAT.***

Source: <https://thecyberwire.com/newsletters/daily-briefing/13/18>

From the Article: "US Senator Ron Wyden (Democrat of Oregon) yesterday sent a letter to Director of National Intelligence Avril Haines asserting that the US National Security Agency (NSA) is unlawfully purchasing US citizens' information from data brokers, the Record reports."

***Ukraine: Hack wiped 2 petabytes of data from Russian research center***

Source: <https://www.bleepingcomputer.com/news/security/ukraine-hack-wiped-2-petabytes-of-data-from-russian-research-center/>

From the Article: "The Main Intelligence Directorate of Ukraine's Ministry of Defense claims that pro-Ukrainian hackers breached the Russian Center for Space Hydrometeorology, aka "planeta" (планета), and wiped 2 petabytes of data."

***Elon Musk says Chinese EV makers will 'pretty much demolish' most competitors without trade barriers***

Source: <https://www.cnbc.com/2024/01/25/elon-musk-says-chinese-ev-makers-will-demolish-other-companies.html>

From the Article: "Elon Musk said Chinese electric car makers will find "significant" success outside of China, even as his auto firm, Tesla, faces intense competition from these same companies. "Frankly, I think, if there are not trade barriers established, they will pretty much demolish most other companies in the world," Musk said. Automakers including BYD, Nio and Xpeng have expanded sales outside of China in the last two years, looking to take on established brands."

***40% of litigators say data privacy disputes increased in 2023***

Source: <https://www.securitymagazine.com/articles/100350-40-of-litigators-say-data-privacy-disputes-increased-in-2023>

From the Article: "Growing cybersecurity and data privacy concerns have influenced recent litigation, according to a recent survey by Norton Rose Fulbright."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***Nineteen Group acquires SASIG***

Source: <https://www.itsecurityguru.org/2024/01/26/nineteen-group-acquires-sasig/>

From the Article: "Today, the award-winning Nineteen Group, who runs a number of industry events and exhibitions such as the International Cyber Expo, has announced that it has acquired The Security Awareness Special Interest Group (SASIG), a networking and thought leadership forum for the cyber security industry."

***Chrome content::NavigationURLLoaderImpl::FallbackToNonInterceptedRequest Heap Use-After-Free***

Source: <https://packetstormsecurity.com/files/176721/GS20240126151603.tgz>

From the Article: "Chrome suffers from a heap use-after-free vulnerability in content::NavigationURLLoaderImpl::FallbackToNonInterceptedRequest."

***Quebec City ambulance dispatch hit by ransomware attack | CTV News***

Source: <https://montreal.ctvnews.ca/quebec-city-ambulance-dispatch-hit-by-ransomware-attack-1.6743464>

From the Article: "The ambulance dispatch centre in Quebec City was the victim of a ransomware cyber attack this week. The Quebec City health services communication centre (CCSC) says, "The situation is not currently affecting services to the public."

***FINRA receives reports from member firms about LockBit-related cyber incidents***

Source: <https://fxnewsgroup.com/forex-news/regulatory/finra-receives-reports-from-member-firms-about-lockbit-related-cyber-incidents/>

From the Article: "The Financial Industry Regulatory Authority (FINRA) has issued a cybersecurity alert regarding LockBit."

***Saudi Arabia Boosts Railway Cybersecurity***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.darkreading.com/ics-ot-security/saudi-arabia-boosts-railway-cybersecurity-partnership>

From the Article: "Saudi rail provider partners will help Saudi Telecommunication Company (stc) to keep its security on track."

### ***Brave to end 'Strict' fingerprinting protection as it breaks websites - Bleeping Computer***

Source: <https://www.bleepingcomputer.com/news/security/brave-to-end-strict-fingerprinting-protection-as-it-breaks-websites/>

From the Article: "Brave Software has announced plans to deprecate the 'Strict' fingerprinting protection mode in its privacy-focused Brave Browser because it causes many sites to function incorrectly. "

### ***Owner of Cybercrime Website BreachForums Sentenced to Supervised Release***

Source: <https://www.securityweek.com/owner-of-cybercrime-website-breachforums-sentenced-to-supervised-release/>

From the Article: "Conor Brian Fitzpatrick, the owner of the infamous cybercrime website BreachForums, was sentenced last week to time served and 20 years of supervised release. The man, Conor Brian Fitzpatrick, of Peekskill, New York, known online as 'Pompompurin', was arrested in March 2023 ."

### ***Shoppers feel more at risk of being scammed - and retailers are having to step up***

Source: <https://www.techradar.com/pro/shoppers-feel-more-at-risk-of-being-scammed-and-retailers-are-having-to-step-up>

From the Article: "In its latest Customer Experience (CX) Trends Report, Zendesk has revealed that three in five (57%) consumers feel under threat of being scammed online - but retailers are working hard to negate this sentiment."

### ***Sivers Photonics receives \$860,000 follow-up orders from US Fortune 100 customer***

Source: [https://www.semiconductor-today.com/news\\_items/2024/jan/sivers-photonics-220124.shtml](https://www.semiconductor-today.com/news_items/2024/jan/sivers-photonics-220124.shtml)

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "IC and integrated module supplier Siverts Semiconductors AB of Kista, Sweden says that its subsidiary Siverts Photonics of Glasgow, Scotland, UK has received new orders and requests worth about \$860,000 (SEK9m) from its first established US Fortune 100 customer."

***Feds to compete for cyber glory at fifth annual President's Cup***

Source: <https://www.nextgov.com/cybersecurity/2024/01/feds-compete-cyber-glory-fifth-annual-presidents-cup/393490/>

From the Article: "CISA officials describe the positive impact the annual cybersecurity game aims to have across the federal workforce."

***Finclusive, Verida, and cheqd Launch Reusable KYC/KYB Solution***

Source: <https://www.hackread.com/finclusive-verida-cheqd-launch-verifiable-kyc-kyb-credentials/>

From the Article: "KYC/KYB compliance technology provider FinClusive said today it's partnering with Verida and cheqd to launch an end-to-end platform for the creation and issuance of reusable and verifiable credentials that can be checked in real-time without impacting the privacy of clients. "

***US House Committees deepen investigation into maritime sector security risks, request testimony from ABB***

Source: <https://industrialcyber.co/transport/us-house-committees-deepen-investigation-into-maritime-sector-security-risks-request-testimony-from-abb/>

From the Article: "The U.S. House Homeland Security Committee request testimony from Swiss Company ASEA Brown Boveri Ltd. (ABB) on its 'concerning' ties to Chinese state-owned enterprises. "

***COURT DOC: Two Russian Nationals Charged in Separate Indictments with Fraud and Other Offenses Related to Hacking Campaigns***

Source: <https://flashpoint.io/blog/usa-vs-alexsey-stroganov-tim-stigal/>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "Two indictments were unsealed in the District of New Jersey today charging two Russian nationals – Aleksey Timofeyevich Stroganov and Tim Stigal – with fraud and related offenses in connection with a series of computer intrusions, U.S. Attorney Philip R."

### ***Beware of Pirated MacOS Apps That Install Chinese Malware***

Source: <https://gbhackers.com/beware-of-pirated-macos-apps/>

From the Article: "Similar to ZuRu malware, a new malware has been found embedded in pirated macOS applications, which downloads and executes several payloads to compromise devices in the background."

### ***Hybrid Communication: Why Two Networks Are Better Than One***

Source: <https://www.eetimes.eu/hybrid-communication-why-two-networks-are-better-than-one/>

From the Article: "In the realm of automotive connectivity, hybrid communication fulfills all vehicle communication needs for safety and road-related data."

### ***Mirai NoaBot: Protect Servers From Crypto Mining Threats***

Source: <https://securityboulevard.com/2024/01/mirai-noabot-protect-servers-from-crypto-mining-threats/>

From the Article: "In recent cybersecurity developments, a novel Mirai-based botnet known as Mirai NoaBot has emerged, posing a significant threat to Linux servers since the start of 2023."

### ***CISA Adds 6 Known Exploited Vulnerabilities to Catalog***

Source: <https://securityboulevard.com/2024/01/cisa-adds-6-known-exploited-vulnerabilities-to-catalog/>

From the Article: "Six critical vulnerabilities, including flaws in Apache Superset, Adobe ColdFusion, Apple products, D-Link routers, and Joomla!, are actively exploited by

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

attackers."

***"My Slice", an Italian adaptive phishing campaign***

Source: <https://securityaffairs.com/157914/cyber-crime/my-slice-aitalian-adaptive-phishing-campaign.html>

From the Article: "In an adaptive phishing campaign, attackers gather specific information about victims through various sources, such as social media, public websites, and previous data breaches."

***New sustainable method for creating organic semiconductors***

Source: <https://techxplore.com/news/2024-01-sustainable-method-semiconductors.html>

From the Article: "Researchers at Linköping University, Sweden, have developed a new, more environmentally friendly way to create conductive inks for use in organic electronics such as solar cells, artificial neurons, and soft sensors."

***Cognyte adds GenAI capabilities into its LUMINAR offering***

Source: <https://www.helpnetsecurity.com/2024/01/22/cognyte-luminar-genai-capabilities/>

From the Article: "Cognyte announced the release of a significant update to its LUMINAR external threat intelligence solution to incorporate GenAI capabilities, including a new AI-driven dashboard."

***Ivanti and Juniper Networks accused of bending the rules with CVE assignments***

Source: [https://www.theregister.com/2024/01/22/ivanti\\_and\\_juniper\\_networks\\_criics\\_unhappy/](https://www.theregister.com/2024/01/22/ivanti_and_juniper_networks_criics_unhappy/)

From the Article: "Critics are accusing major tech companies of not sticking to the rules when it comes to registering vulnerabilities with the appropriate authorities."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***New NTLM Hash Leak Targets Outlook, Windows Programs***

Source: <https://www.securityweek.com/new-ntlm-hash-leak-attacks-target-outlook-windows-programs/>

From the Article: "Data security firm Varonis has disclosed a new vulnerability and three attack methods for obtaining NTLM v2 hashes by targeting Microsoft Outlook and two Windows programs. "

***France Fines Yahoo 10 Million Euros Over Cookie Abuses***

Source: <https://www.securityweek.com/france-fines-yahoo-10-mn-euros-over-cookie-abuses/>

From the Article: "France's data protection watchdog said Thursday that it had fined Yahoo 10 million euros for not respecting users' refusals of internet-tracking "cookies" or implying they would lose access to email accounts if they did."

***Chinese Spies Exploited VMware vCenter Server Vulnerability Since 2021***

Source: <https://www.securityweek.com/chinese-spies-exploited-vmware-vcenter-server-vulnerability-since-2021/>

From the Article: "Evidence suggests that a Chinese cyberespionage group had been exploiting a recent VMware vCenter Server vulnerability as a zero-day since 2021, Mandiant reports."

***BreachForums Admin Gets 20 Years Of Supervised Release***

Source: [https://www.theregister.com/2024/01/22/infosec\\_news\\_roundup/](https://www.theregister.com/2024/01/22/infosec_news_roundup/)

From the Article: "Conor Brian Fitzpatrick – aka "Pompourin," a former administrator of notorious leak site BreachForums – has been sentenced to 20 years of supervised release."

***Inventor Of The NTP Protocol Dies At 85***

Source: <https://arstechnica.com/gadgets/2024/01/inventor-of-ntp-protocol-that-keeps->

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



[time-on-billions-of-devices-dies-at-age-85/](#)

From the Article: "On Thursday, Internet pioneer Vint Cerf announced that Dr. David L. Mills, the inventor of Network Time Protocol (NTP), died peacefully at age 85 on January 17, 2024."

***'Electronic skin' continuously monitors nine markers that indicate a stress response***

Source: <https://techxplore.com/news/2024-01-electronic-skin-markers-stress-response.html>

From the Article: "In the latest of a series of innovative designs for wearable sensors that use sweat to identify and measure physiological conditions, Caltech's Wei Gao, assistant professor of medical engineering, has devised an "electronic skin" that continuously monitors nine different markers that characterize a stress response."

***New candidate for universal memory is fast, low-power, stable and long-lasting***

Source: <https://techxplore.com/news/2024-01-candidate-universal-memory-fast-power.html>

From the Article: "Researchers at Stanford have demonstrated that a new material may make phase-change memory—which relies on switching between high and low resistance states to create the ones and zeroes of computer data—an improved option for future AI and data-centric systems."

***Researchers investigate strange transient responses of organic electrochemical transistors***

Source: <https://techxplore.com/news/2024-01-strange-transient-responses-electrochemical-transistors.html>

From the Article: "Organic mixed ionic–electronic conductors (OMIECs) are a highly sought-after class of materials for non-conventional applications, such as bioelectronics, neuromorphic computing, and bio-fuel cells, due to their two-in-one electronic and ionic conduction properties."

***Russia Microsoft breach, JPMorgan hacking news, TeamViewer - CISO Series***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://cisoserries.com/cyber-security-headlines-russia-microsoft-breach-jpmorganchase-hacking-increase-teamviewer-still-abused/>

From the Article: "Microsoft has revealed that between November and January 12, the APT group known as Midnight Blizzard, Nobelium, APT 29 and Cozy Bear "used a password spray attack to compromise a legacy non-production test tenant account," and from there accessed a small number of corporate accounts. "

### ***Thirty percent more cyber attacks in 2023 - Techzine Europe***

Source: <https://www.techzine.eu/news/security/115557/thirty-percent-more-cyber-attacks-in-2023/>

From the Article: "Companies worldwide faced more cyber attacks in 2023."

### ***LoanDepot says 16.6 million customers had 'sensitive personal' information stolen in cyberattack***

Source: <https://techcrunch.com/2024/01/22/loandepot-millions-sensitive-personal-data-ransomware/>

From the Article: "LoanDepot says 16.6 million customers had 'sensitive personal' data stolen in cyberattack About 16.6 million LoanDepot customers had their "sensitive personal" information" stolen in a cyberattack earlier this month, which the loan and mortgage giant has described as ransomware . "

### ***Japan Foods latest listco to get hit by ransomware - fourth this month - The Edge Singapore***

Source: <https://www.theedgesingapore.com/news/cybersecurity/japan-foods-latest-listco-get-hit-ransomware-fourth-month>

From the Article: "Japan Foods Holdings, in an announcement on Jan 22, says it was the subject of a ransomware incident where an unknown party gained unauthorized access to its servers and encrypted information within."

### ***Ransomware gang takes responsibility for hospital hack***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.beckershospitalreview.com/cybersecurity/ransomware-gang-takes-responsibility-for-hospital-hack.html>

From the Article: "Money Message ransomware gang is claiming to be responsible for the Dec. 24 hack on Newburyport, Mass.-based Anna Jaques Hospital, The Record reported Jan. 19."

### ***The Pros and Cons of Large Language Models***

Source: <https://www.cysecurity.news/2024/01/the-pros-and-cons-of-large-language.html>

From the Article: "In recent years, the emergence of Large Language Models (LLMs), commonly referred to as Smart Computers, has ushered in a technological revolution with profound implications for various industries."

### ***Accounts on Payoneer in Argentina Compromised in 2FA Bypass Incidents***

Source: <https://www.cysecurity.news/2024/01/accounts-on-payoneer-in-argentina.html>

From the Article: "A significant number of Payoneer users in Argentina have reported unauthorized access to their 2FA-protected accounts, resulting in the theft of funds while they were asleep."

### ***European Union to Block Amazon's Acquisition Over iRobot***

Source: <https://www.cysecurity.news/2024/01/european-union-to-block-amazons.html>

From the Article: "At a meeting with European Commission officials on Thursday, the e-commerce behemoth was informed that the transaction would probably be denied, according to sources familiar with the situation."

### ***EFF adds Street Surveillance Hub so Americans can check who's checking on them***

Source: [https://www.theregister.com/2024/01/22/eff\\_privacy\\_atlas/](https://www.theregister.com/2024/01/22/eff_privacy_atlas/)

From the Article: "For a country that prides itself on being free, America does seem to have an awful lot of spying going on, as the new Street Surveillance Hub from the Electronic Frontier Foundation shows."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***Scientists advance affordable, sustainable solution for flat-panel displays and wearable tech***

Source: <https://techxplore.com/news/2024-01-scientists-advance-sustainable-solution-flat.html>

From the Article: "A research team led by Lawrence Berkeley National Laboratory (Berkeley Lab) has developed "supramolecular ink," a new technology for use in OLED (organic light-emitting diode) displays or other electronic devices."

***AWS completes the first cloud audit by the Ingelheim Kreis Initiative Joint Audits group for the pharmaceutical and life sciences sector***

Source: <https://aws.amazon.com/blogs/security/aws-completes-the-first-cloud-audit-by-the-ingelheim-kreis-initiative-joint-audits-group-for-the-pharmaceutical-and-life-sciences-sector/>

From the Article: "The audit group represents quality and compliance professionals from some of our largest pharmaceutical and life sciences customers who collectively perform audits on their key suppliers."

***Healthcare Data Breaches Continue to Impact Patients in New Year - Health IT Security***

Source: <https://healthitsecurity.com/news/healthcare-data-breaches-continue-to-impact-patients-in-new-year>

From the Article: "In 2023, more than 540 organizations reported healthcare data breaches to HHS, impacting upwards of 112 million individuals. "

***Thai Court Blocks 9near.org to Avoid Exposure of 55M Citizens***

Source: <https://www.infosecurity-magazine.com/news/thai-court-blocks-9nearorg/>

From the Article: "The Criminal Court in Thailand has issued an order to block the website 9near.org after it threatened to expose the personal information of 55 million Thai citizens, supposedly obtained from vaccine registration records."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

### ***Security Experts Describe AI Technologies They Want to See***

Source: <https://www.securityweek.com/security-experts-describe-ai-technologies-they-want-to-see/>

From the Article: "Over the last year, Artificial Intelligence (AI) and Large Language Models (LLMs) have exploded as the most exciting frontier for security innovation with OpenAI's ChatGPT showcasing the power of generative-AI applications."

### ***Israel, Czech Republic Reinforce Cyber Partnership Amid Hamas War***

Source: <https://www.darkreading.com/cybersecurity-operations/israel-czech-republic-reinforce-cyber-partnership-hamas-war>

From the Article: "The agreement to enable future sharing of information and experience is part of a spate of inter-country threat intelligence agreements that Israel is signing, as war-related attacks ramp up."

### ***The Fake Fix: New Chae\$ 4.1 Malware Hides in Driver Downloads***

Source: <https://www.hackread.com/fake-fix-chaes-4-1-malware-hides-driver-downloads/>

From the Article: "Morphisec Threat Labs has documented its findings on Chae\$ 4.1, an update to the Chae malware Infostealer series, as part of its investigation of emerging cyber threats."

### ***Ivanti: VPN appliances vulnerable if pushing configs after mitigation***

Source: <https://www.bleepingcomputer.com/news/security/ivanti-vpn-appliances-vulnerable-if-pushing-configs-after-mitigation/>

From the Article: "Ivanti warned admins to stop pushing new device configurations to appliances after applying mitigations because this will leave them vulnerable to ongoing attacks exploiting two zero-day vulnerabilities."

### ***Multiple Vulnerabilities in VMware Products Could Allow for Remote Code Execution***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: [https://www.cisecurity.org/advisory/multiple-vulnerabilities-in-vmware-products-could-allow-for-remote-code-execution\\_2024-008](https://www.cisecurity.org/advisory/multiple-vulnerabilities-in-vmware-products-could-allow-for-remote-code-execution_2024-008)

From the Article: "Multiple vulnerabilities have been discovered in VMware vCenter Server and Cloud Foundation, the most severe of which could allow for remote code execution."

### ***Facebook Phishing Scams Target Concerned Friends and Family***

Source: <https://blog.knowbe4.com/facebook-phishing-target-friends-and-family>

From the Article: "BleepingComputer describes a phishing scam that's been running rampant on Facebook for the past several months, in which threat actors use hacked accounts to post links to phony articles implying that someone has been killed in an accident."

### ***AerCap Faces Cybersecurity Breach: Ransomware Attack on January 17 - InfotechLead***

Source: <https://infotechlead.com/security/aercap-faces-cybersecurity-breach-ransomware-attack-on-january-17-82585>

From the Article: "AerCap Holdings, a prominent player in the aircraft leasing industry, disclosed that it fell victim to a cybersecurity incident involving ransomware on January 17th."

### ***Fleeing Data Protection Pros Compound Ransomware Worries: Survey***

Source: <https://virtualizationreview.com/Articles/2024/01/22/data-protection-report.aspx>

From the Article: "Ransomware is still plaguing IT -- it's still the No. 1 cause of server outages -- but dissatisfied data protection pros seeking new jobs present a new concern, a new survey-based report indicates."

### ***Poorly Secured PostgreSQL, MySQL Servers Targeted By Ransomware Bot - OODA Loop***

Source: <https://www.oodaloop.com/briefs/2024/01/22/poorly-secured-postgresql-mysql-servers-targeted-by-ransomware-bot/>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "Users exposing poorly secured PostgreSQL and MySQL servers online are in danger of getting their databases wiped by a ransomware bot, Border0 researchers are warning."

### ***France's OFAC to Tackle Cyberthreats Ahead of Olympics***

Source: <https://www.bankinfosecurity.com/frances-ofac-to-tackle-cyber-threats-ahead-olympics-a-24156>

From the Article: "A dedicated cybercrime unit under the French National Police is set to scale up operations ahead of the upcoming Olympics as authorities warn that cyberattacks are among the greatest threats to the event."

### ***Enzoic for AD Lite Data Shows Increase in Crucial Risk Factors***

Source: <https://securityboulevard.com/2024/01/enzoic-for-ad-lite-data-shows-increase-in-crucial-risk-factors/>

From the Article: "The 2023 data from Enzoic for Active Directory Lite (also known as Enzoic for AD Lite) data from 2023 offers a revealing glimpse into the current state of cybersecurity, highlighting a significant increase in risk factors that lead to data breaches."

### ***German IT Consultant Fined Thousands for Reporting Security Failing***

Source: <https://www.darkreading.com/remote-workforce/german-it-consultant-charged-in-court-after-discovering-vulnerability->

From the Article: "After discovering and reporting a vulnerability in an e-commerce database that was putting customers and their personal information at risk, a security researcher in Germany was fined €3,000 for doing so."

### ***Ransomware crims slime AerCap, claim to have stolen 1TB • The Register - Theregister***

Source: [https://www.theregister.com/2024/01/22/ransomware\\_aercap\\_loandepot/](https://www.theregister.com/2024/01/22/ransomware_aercap_loandepot/)

From the Article: "AerCap, the world's largest aircraft leasing company, has reported a ransomware infection that occurred earlier this month, but claims it hasn't yet suffered

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

any financial losses yet and all its systems are under control."

### ***Securing the Frontier: Preventing Account Takeovers with AI***

Source: <https://securityboulevard.com/2024/01/securing-the-frontier-preventing-account-takeovers-with-ai/>

From the Article: "Account takeover – also referred to as credential stuffing or account hijacking – involves cybercriminals gaining unauthorized access to a user's online account by stealing or guessing the credentials. "

### ***FTC orders Intuit to stop pushing "free" software that isn't really free***

Source: <https://www.bleepingcomputer.com/news/technology/ftc-orders-intuit-to-stop-pushing-free-software-that-isnt-really-free/>

From the Article: "Today, the U.S. Federal Trade Commission (FTC) ordered Intuit to stop promoting its software products and services as "free" unless they're actually free for all consumers."

### ***Prosecutors Add to Evidence Against Alleged Vastaamo Hacker***

Source: <https://www.bankinfosecurity.com/prosecutors-add-to-evidence-against-alleged-vastaamo-hacker-a-24160>

From the Article: "Prosecutors trying the case of a Finnish national accused of attempting to extort tens of thousands of psychotherapy patients and of later posting therapy notes online said Monday that they have traced the cryptocurrency wallet used by the blackmailer to the accused man."

### ***Godzilla Web Shell Attacks Stomp on Critical Apache ActiveMQ Flaw***

Source: <https://www.darkreading.com/threat-intelligence/godzilla-web-shell-attacks-stomp-critical-apache-activemq-flaw>

From the Article: "

Threat actors have unleashed a fresh wave of cyberattacks targeting a critical remote code-execution (RCE) vulnerability in Apache ActiveMQ, for which the Apache Software

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



Foundation (ASF) issued a patch back in October."

### ***Amy Farrow Joins Infoblox As Chief Information Officer***

Source: <https://www.darkreading.com/cybersecurity-operations/amy-farrow-joins-infoblox-as-chief-information-officer>

From the Article: "Infoblox Inc., a leader in cloud networking and security services, today announces the appointment of Amy Farrow as Senior Vice President and Chief Information Officer."

### ***Cyber sanctions in response to Medibank Private cyber attack - Minister for Foreign Affairs***

Source: <https://www.foreignminister.gov.au/minister/penny-wong/media-release/cyber-sanctions-response-medibank-private-cyber-attack>

From the Article: "Australia has today used cyber sanctions powers on a Russian individual for his role in the breach of the Medibank Private network."

### ***China's evolving approach to multipolar world order in 2024***

Source: <https://www.lowyinstitute.org/the-interpreter/china-s-evolving-approach-multipolar-world-order-2024>

From the Article: "Two recent developments underscore a transformation in China's foreign relations, characterised by assertiveness and, paradoxically, also nuance."

### ***A Universal Prompt Injection Attack In The GPT Store***

Source: <https://andrew-horton.medium.com/a-universal-prompt-injection-attack-in-the-gpt-store-6cacf6d887c0>

From the Article: "One week ago OpenAI introduced the GPT Store with custom versions of ChatGPT called GPTs."

### **[Link back to Table of Contents](#)**

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

### ***SonicWall Threat Report: Ransomware Attacks Drop, Cryptojacking Skyrockets***

Source: <https://www.channelfutures.com/security/sonicwall-threat-report-ransomware-attacks-drop-cryptojacking-skyrockets>

From the Article: "The latest SonicWall threat report shows various malicious activity, including cryptojacking, offset a global decline in ransomware in the first half of 2023, but ransomware attacks likely will rebound over the second half of the year."

### ***Massachusetts hospital claimed to be targeted by Money Message ransomware | SC Media***

Source: <https://www.scmagazine.com/brief/massachusetts-hospital-claimed-to-be-targeted-by-money-message-ransomware>

From the Article: "Massachusetts-based Anna Jaques Hospital was admitted to be compromised by the Money Message ransomware gang in a Christmas Day attack, which it claims resulted in the exfiltration of 600GB of data, as well as information from Beth Israel Lahey Health, which manages AJH, reports The Record, a news site by cybersecurity firm Recorded Future."

### ***Apple Issues Patch for Critical Zero-Day in iPhones, Macs - Update Now***

Source: <https://thehackernews.com/2024/01/apple-issues-patch-for-critical-zero.html>

From the Article: "Apple on Monday released security updates for iOS, iPadOS, macOS, tvOS, and Safari web browser to address a zero-day flaw that has come under active exploitation in the wild."

### ***AI-driven cyberattacks and defences to create a battle of algorithms in 2024***

Source: <https://itbrief.com.au/story/ai-driven-cyberattacks-and-defences-to-create-a-battle-of-algorithms-in-2024>

From the Article: "In 2024, it's clear that cybersecurity will remain a top priority for organisations and governments worldwide."

### ***Yamaha wireless LAN access point devices vulnerable to active debug code***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://jvn.jp/en/vu/JVNVU99896362/>

From the Article: "Multiple Yamaha wireless LAN access point devices provided by Yamaha Corporation contain a vulnerability where active debug code is available."

***Android App "Spoon" uses a hard-coded API key for an external service***

Source: <https://jvn.jp/en/jp/JVN96154238/>

From the Article: "Android App "Spoon" uses a hard-coded API key for an external service."

***Organizations need to switch gears in their approach to email security***

Source: <https://www.helpnetsecurity.com/2024/01/23/outbound-email-incidents/>

From the Article: "Inbound email incidents primarily took the form of malicious URLs, attacks sent from a compromised account, and malware or ransomware attachments."

***New threat actors contribute to big rise in ransomware attacks - Digit.fyi***

Source: <https://www.digit.fyi/new-threat-actors-contribute-to-big-rise-in-ransomware-attacks/>

From the Article: "In December 2023, global levels of ransomware attacks fell by 12% from November, with a total of 391 cases compared to 442 in the previous month, according to NCC Group's December Threat Pulse."

***Intel 15th Gen Arrow Lake-U CPUs to Leverage 3nm Process: Meteor Lake Node Shrink***

Source: <https://www.hardwaretimes.com/intel-15th-gen-arrow-lake-u-cpus-to-leverage-3nm-process-meteor-lake-node-shrink/>

From the Article: "An advanced process node and upgraded core architectures should offer a 15% performance uplift at the same or lower power consumption."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***Hackers Abusing LSASS Process Memory to Exfiltrate Login Credentials***

Source: <https://gbhackers.com/hackers-abuse-lsass-process/>

From the Article: "Many new methods to dump LSASS memory that maliciously use legitimate tools have been discovered as a means of bypass detection."

***Data Breach Strikes Hathway: 41.5M Data Exposed***

Source: <https://securityboulevard.com/2024/01/data-breach-strikes-hathway-41-5m-data-exposed/>

From the Article: "In December 2023 multiple sources revealed that Hathway, an Indian Internet Service Provider (ISP) had a vulnerability in their PHP Laravel application that exposed their customer's Personal Identity Information."

***Overcoming CVE Shock with Effective Kubernetes Vulnerability Scanning***

Source: <https://securityboulevard.com/2024/01/overcoming-cve-shock-with-effective-kubernetes-vulnerability-scanning/>

From the Article: "ARMO's new feature revolutionizes Kubernetes vulnerability scanning based on eBPF technology to help Kubernetes and DevSecOps practitioners focus on fixing the vulnerabilities that impact their security posture the most. "

***Google lays off "dozens" from X Labs, wants projects to seek outside funding***

Source: <https://news.hitb.org/content/google-lays-dozens-x-labs-wants-projects-seek-outside-funding>

From the Article: " The latest group to be hit is Alphabet's X Lab, which is losing "dozens of employees," according to a new report from Bloomberg."

***HP CEO evokes James Bond-style hack via ink cartridges***

Source: <https://news.hitb.org/content/hp-ceo-evokes-james-bond-style-hack-ink-cartridges>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "Last Thursday, HP CEO Enrique Lores addressed the company's controversial practice of bricking printers when users load them with third-party ink."

***Cops Used DNA to Predict a Suspect's Face—and Tried to Run Facial Recognition on It***

Source: <https://news.hitb.org/content/cops-used-dna-predict-suspects-face-and-tried-run-facial-recognition-it>

From the Article: "Parabon NanoLabs ran the suspect's DNA through its proprietary machine learning model."

***News alert: Sternum and ChargePoint collaborate to enhance ChargePoint Home Flex Security***

Source: <https://securityboulevard.com/2024/01/news-alert-sternum-and-chargepoint-collaborate-to-enhance-chargepoint-home-flex-security/>

From the Article: "In a comprehensive research project, Sternum identified a potential vulnerability involving the reverse SSH tunnel and deprecated NTP client and HTTP servers. "

***Kaspersky Standard wins Product of the Year award from AV-Comparatives | Kaspersky official blog***

Source: <https://www.kaspersky.com/blog/kaspersky-product-of-the-year-2023-av-comparatives/50292/>

From the Article: "These tests examine the quality of protection against common threats and targeted attacks, resistance to false positives, and the impact on overall system performance."

***FTC Outlogic Ban: Broker Stopped From Selling Location Data***

Source: <https://securityboulevard.com/2024/01/ftc-outlogic-ban-broker-stopped-from-selling-location-data/>

From the Article: "In a groundbreaking move, the U.S. Federal Trade Commission (FTC) has taken decisive action against data broker Outlogic, formerly known as X-Mode

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Social."

### ***F5 Names Samir Sherif as New CISO***

Source: <https://www.securityweek.com/f5-names-samir-sherif-as-new-ciso/>

From the Article: "F5 names Samir Sherif as Chief Information Security Officer (CISO), taking over the role from Gail Coury who will retire March 1st."

### ***BianLian ransomware group shifts focus to US, European healthcare and manufacturing industries***

Source: <https://siliconangle.com/2024/01/23/bianlian-ransomware-group-shifts-focus-us-european-healthcare-manufacturing-industries/>

From the Article: "A new report today from Palo Alto Networks Inc.'s Unit 42 details changes in how the prolific BianLian ransomware group operates as the group evolves to target primarily the healthcare and manufacturing sectors and the U.S. and Europe."

### ***Thales and Quantinuum strengthen protection against quantum computing attacks***

Source: <https://www.helpnetsecurity.com/2024/01/23/thales-quantinuum-pqc-starter-kit/>

From the Article: "The kit provides a trusted environment for businesses to test quantum-hardened PQC-ready encryption keys and understand the implications that quantum computing will have on the security of their infrastructure."

### ***Google DeepMind Cofounder Claims AI Can Play Dual Role in Next Five Years***

Source: <https://www.cysecurity.news/2024/01/google-deepmind-cofounder-claims-ai-can.html>

From the Article: "In response, Suleyman stated that the modern version of the Turing test would be to determine whether an AI could operate as an entrepreneur, mini-project manager, and creator capable of marketing, manufacturing, and selling a product for profit."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***AI Does Not Scare Me, But It Will Make The Problem Of Social Engineering Much Worse***

Source: <https://blog.knowbe4.com/ai-does-not-scare-me>

From the Article: "I think AI is going to be responsible for more cybercrime and more realistic phishing messages, but it is already pretty bad."

***Snaking for dragons - Taipei Times***

Source: <https://www.taipeitimes.com/News/biz/archives/2024/01/23/2003812483>

From the Article: "TSMC expects up to 25% revenue growth 2024-01-19 BOOST: Demand for AI-related products increased suddenly in Q4 of last year, "

***Navigating the New Waters of AI-Powered Phishing Attacks***

Source: <https://www.tripwire.com/state-of-security/navigating-new-waters-ai-powered-phishing-attacks>

From the Article: "The sad fact is that some of the most tech-savvy people have chosen a criminal path, combining the technological potential of AI with an attack method that's aimed at what is usually the weakest link in a cybersecurity system — the human element."

***From Megabits to Terabits: Gcore Radar Warns of a New Era of DDoS Attacks***

Source: <https://thehackernews.com/2024/01/from-megabits-to-terabits-gcore-radar.html>

From the Article: "As we enter 2024, Gcore has released its latest Gcore Radar report, a twice-annual publication in which the company releases internal analytics to track DDoS attacks."

***The Current State of Evolving CMMC Policy***

Source: <https://securityboulevard.com/2024/01/the-current-state-of-evolving-cmmc-policy/>

From the Article: "Cybersecurity Maturity Model Certification (CMMC) has emerged as a

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

credible framework for organizations required to protect sensitive information."

***Infineon and Wolfspeed expand and extend multi-year 150mm SiC wafer supply agreement***

Source: [https://www.semiconductor-today.com/news\\_items/2024/jan/infineon-wolfspeed-230124.shtml](https://www.semiconductor-today.com/news_items/2024/jan/infineon-wolfspeed-230124.shtml)

From the Article: "Infineon Technologies AG of Munich, Germany and Wolfspeed Inc of Durham, NC, USA — which makes silicon carbide (SiC) materials and power semiconductor devices — have expanded and extended their existing long-term 150mm silicon carbide wafer supply agreement, originally signed in February 2018 (when Wolfspeed was known as Cree)."

***New Malware Hidden In PyPI Packages Attacking Windows & Linux Machines***

Source: <https://qbhackers.com/malware-hidden-in-pypi-packages/>

From the Article: "A PyPI malware author identified as "WS" was discovered by researchers to be covertly uploading malicious packages to PyPI that were impacting both Windows and Linux devices."

***North Korean Hackers Attacking Cybersecurity Professionals to Steal Threat Research Reports***

Source: <https://qbhackers.com/north-korean-hackers-security-professionals/>

From the Article: "Cybersecurity researchers at SentinelOne discovered that North Korean hackers are actively targeting cybersecurity professionals to steal threat research reports."

***Doppel Secures \$14M for AI-Powered Brand Protection Technology***

Source: <https://www.securityweek.com/doppel-secures-14m-for-ai-powered-brand-protection-technology/>

From the Article: "Doppel, a San Francisco startup working on technology in the digital risk protection space, has snagged \$14 million in an early stage funding round led by

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



Andreesen Horowitz (a16z)."

### ***Silverfort Plans Platform Expansion With \$116M Funding Round***

Source: <https://www.bankinfosecurity.com/silverfort-plans-platform-expansion-116m-funding-round-a-24161>

From the Article: "Silverfort, the Israel-based cybersecurity startup that claims to have built "the world's first unified identity threat protection platform," announced an impressive fundraising haul that the CEO told ISMG will be used to further invest in its identity protection platform."

### ***AI Testing Startup RagaAI Emerges From Stealth With \$4.7M in Seed Funding***

Source: <https://www.securityweek.com/ai-testing-startup-ragaai-emerges-from-stealth-with-4-7m-in-seed-funding/>

From the Article: "AI testing platform RagaAI raises \$4.7 million in seed funding to help identify AI issues and improve security and reliability."

### ***Alice & Bob Speeds Era of Fault-Tolerant Quantum Computing***

Source: <https://www.eetimes.eu/alice-bob-speeds-era-of-fault-tolerant-quantum-computing/>

From the Article: "The Parisian quantum startup has set the goal of developing the first universal fault-tolerant quantum computer, and with this news, achieving it is ever closer."

### ***HC3 warns healthcare sector of unauthorized access threats from ScreenConnect tool***

Source: <https://industrialcyber.co/medical/hc3-warns-healthcare-sector-of-unauthorized-access-threats-from-screenconnect-tool/>

From the Article: "The latest HC3 sector alert provides a technical overview of issues concerning the remote access tool, IOCs (indicators of compromise), and recommendations for mitigations to detect and protect against future cyberattacks."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***Multiple Vulnerabilities in Apple Products Could Allow for Arbitrary Code Execution***

Source: [https://www.cisecurity.org/advisory/multiple-vulnerabilities-in-apple-products-could-allow-for-arbitrary-code-execution\\_2024-009](https://www.cisecurity.org/advisory/multiple-vulnerabilities-in-apple-products-could-allow-for-arbitrary-code-execution_2024-009)

From the Article: "Successful exploitation of the most severe of these vulnerabilities could allow for arbitrary code execution in the context of the logged on user."

***Magecart Adds Middle East Retailers to Long List of Victims***

Source: <https://www.darkreading.com/vulnerabilities-threats/magecart-adds-middle-east-retailers-to-long-list-of-victims>

From the Article: "In the latest discovery of such an attack, an independent researcher claims to have uncovered Web-skimming code on a staging server of clothing retail site Khaadi, based in Pakistan and the United Arab Emirates."

***Porotech and Powerchip partner on mass producing 200mm GaN-on-Si micro-LEDs for displays***

Source: [https://www.semiconductor-today.com/news\\_items/2024/jan/porotech-powerchip-230124.shtml](https://www.semiconductor-today.com/news_items/2024/jan/porotech-powerchip-230124.shtml)

From the Article: "Fabless micro-LED company Poro Technologies Ltd (a spin off from the Cambridge Centre for Gallium Nitride at the UK's University of Cambridge that has developed porous GaN material and has an R&D center in Hsinchu, Taiwan) and Taiwan-based foundry Powerchip Semiconductor Manufacturing Corp (PSMC) have announced a strategic partnership in micro-LEDs for display applications."

***SemiQ debuting QSiC 1200V MOSFET modules at APEC***

Source: [https://www.semiconductor-today.com/news\\_items/2024/jan/semi-q-230124.shtml](https://www.semiconductor-today.com/news_items/2024/jan/semi-q-230124.shtml)

From the Article: "The new QSiC MOSFET modules support a variety of automotive and industrial power applications where efficiency, power density and performance are critical design criteria."

***[Link back to Table of Contents](#)***

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

### ***CISA Adds One Known Exploited Vulnerability to Catalog***

Source: <https://www.cisa.gov/news-events/alerts/2024/01/23/cisa-adds-one-known-exploited-vulnerability-catalog>

From the Article: "CISA has added one new vulnerability to its Known Exploited Vulnerabilities Catalog, based on evidence of active exploitation."

### ***Accused PII seller faces jail for running underground fraud op***

Source: [https://www.theregister.com/2024/01/23/serial\\_data\\_peddler\\_faces\\_prison/](https://www.theregister.com/2024/01/23/serial_data_peddler_faces_prison/)

From the Article: "A Baltimore man faces a potential maximum 20-year prison sentence after being charged for his alleged role in running an online service that sold personal data which was later used for financial fraud."

### ***Can a global ban on payments stop the ransomware plague? - TechRadar***

Source: <https://www.techradar.com/pro/can-a-global-ban-on-payments-stop-the-ransomware-plague>

From the Article: "In a decisive move, a new coalition of nations is clamping down on the ransomware epidemic by pledging to stop payments to cybercriminals."

### ***United States, Australia, and the United Kingdom Sanction Russian Cyber Actor***

Source: <https://home.treasury.gov/news/press-releases/jy2041>

From the Article: "Today, the Department of the Treasury's Office of Foreign Assets Control (OFAC), in coordination with Australia and the United Kingdom, designated Alexander Ermakov (Ermakov), a cyber actor who played a pivotal in the 2022 ransomware attack against Medibank Private Limited, an Australian healthcare insurer."

### ***Security Researchers Establish Connections Between 3AM Ransomware and Conti, Royal Cybercriminal Groups***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.cysecurity.news/2024/01/security-researchers-establish.html>

From the Article: "Security researchers examining the operations of the recently surfaced 3AM ransomware group have unveiled strong connections with notorious entities like the Conti syndicate and the Royal ransomware gang."

### ***U.K. Equipment Rental Company Secures Network Access and Consolidates Its IT Infrastructure with Fortinet***

Source: <https://www.fortinet.com/blog/customer-stories/equipment-rental-company-secures-network-access-and-consolidates-it-infrastructure>

From the Article: "An equipment rental company consolidates its technology infrastructure and reduced its overhead by leveraging the Fortinet Security Fabric and FortiSASE."

### ***High Severity Vulnerability Patched In Splunk Enterprise***

Source: <https://packetstormsecurity.com/news/view/35430/High-Severity-Vulnerability-Patched-In-Splunk-Enterprise.html>

From the Article: "Splunk on Monday announced patches for multiple vulnerabilities in Splunk Enterprise, including a high-severity bug affecting Windows instances."

### ***Hackers Are Hitting A Critical Atlassian Confluence Vulnerability***

Source: <https://packetstormsecurity.com/news/view/35431/Hackers-Are-Hitting-A-Critical-Atlassian-Confluence-Vulnerability.html>

From the Article: "The non-profit cybersecurity organization The Shadowserver Foundation reported seeing attempts to exploit CVE-2023-22527."

### ***US, Allies Impose First Joint Sanctions on Russian Cyber Actor | Mirage News***

Source: <https://www.miragenews.com/us-allies-impose-first-joint-sanctions-on-1159927/>

From the Article: "In coordination with Australia and the United Kingdom, the United States is designating a Russian cyber actor involved in the 2022 ransomware attack

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

against an Australian healthcare insurer."

### ***Major Data Breach Hits Popular Brands***

Source: <https://www.cysecurity.news/2024/01/major-data-breach-hits-popular-brands.html>

From the Article: "This cyber attack's impact is massive, affecting not only VF Corp but also exposing the personal information of 35.5 million customers."

### ***Update on Atlassian Exploit Activity , (Tue, Jan 23rd)***

Source: <https://isc.sans.edu/diary/rss/30582>

From the Article: "The combination of a simple-to-exploit vulnerability and a potential set of high-value targets makes this an ideal vulnerability for many attackers."

### ***Vietnam Law Enforcement to Tackle Growing Cybercrime - OCCRP***

Source: <https://www.occrp.org/en/daily/18395-vietnam-law-enforcement-to-tackle-growing-cybercrime>

From the Article: "Vietnamese criminologists, investigators, judges, and prosecutors gathered last week to learn how to better combat cybercrime, which is on the rise in the country and might have globally achieved a market value in excess of the illicit drug economy."

### ***CISA boss swatted: 'While my own experience was certainly harrowing, it was unfortunately not unique'***

Source: [https://www.theregister.com/2024/01/23/cisa\\_easterly\\_swatted/](https://www.theregister.com/2024/01/23/cisa_easterly_swatted/)

From the Article: "CISA Director Jen Easterly has confirmed she was the subject of a swatting attempt on December 30 after a bogus report of a shooting at her home."

### ***Vulnerabilities in Lamassu Bitcoin ATMs Can Allow Hackers to Drain Wallets***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.securityweek.com/vulnerabilities-in-lamassu-bitcoin-atms-could-lead-to-wallet-draining/>

From the Article: "Hackers could exploit Lamassu Douro ATM vulnerabilities to take over devices, steal bitcoin from users."

### ***First Financial Security Notifies Consumers of Data Breach Following October 2023 ...***

Source: <https://www.jdsupra.com/legalnews/first-financial-security-notifies-7430228/>

From the Article: "On January 19, 2024, First Financial Security, Inc. ("FFS") filed a notice of data breach with the Attorney General of California after discovering that the company was recently targeted in a ransomware attack."

### ***Kasseika ransomware uses antivirus driver to kill other antiviruses - Bleeping Computer***

Source: <https://www.bleepingcomputer.com/news/security/kasseika-ransomware-uses-antivirus-driver-to-kill-other-antiviruses/>

From the Article: "A recently uncovered ransomware operation named 'Kasseika' has joined the club of threat actors that employs Bring Your Own Vulnerable Driver (BYOVD) tactics to disable antivirus software before encrypting files."

### ***Multiple Vulnerabilities in Mozilla Products Could Allow for Arbitrary Code Execution***

Source: [https://www.cisecurity.org/advisory/multiple-vulnerabilities-in-mozilla-products-could-allow-for-arbitrary-code-execution\\_2024-010](https://www.cisecurity.org/advisory/multiple-vulnerabilities-in-mozilla-products-could-allow-for-arbitrary-code-execution_2024-010)

From the Article: "Multiple vulnerabilities have been discovered in Mozilla products, the most severe of which could allow for arbitrary code execution."

### ***Water services giant Veolia North America hit by ransomware attack***

Source: <https://www.bleepingcomputer.com/news/security/water-services-giant-veolia-north-america-hit-by-ransomware-attack/>

From the Article: "Veolia North America, a subsidiary of transnational conglomerate Veolia, disclosed a ransomware attack that impacted systems part of its Municipal

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Water division and disrupted its bill payment systems."

***Medical Lab Database Exposed 1.3M Records, COVID Test Info***

Source: <https://www.bankinfosecurity.com/lab-database-leak-a-24168>

From the Article: "An unsecured database appearing to belong to a Netherlands-based medical laboratory exposed 1.3 million records on the internet, including COVID test results and other personal identifiable information, said a security researcher who discovered the trove and reported his findings to the company."

***Netskope Announces MSP-Friendly, Enterprise-Grade SASE Tailored for the Midmarket***

Source: <https://www.darkreading.com/cybersecurity-operations/netskope-announces-msp-friendly-enterprise-grade-sase-tailored-for-the-midmarket->

From the Article: "Netskope, a leader in Secure Access Service Edge (SASE), today announced the next addition to its family of single-vendor SASE offerings, focused on midmarket organizations and the Managed Service Providers (MSP) that serve them."

***"Mercari" App for Android fails to restrict custom URL schemes properly***

Source: <https://jvn.jp/en/jp/JVN70818619/>

From the Article: "The App does not restrict access to the function properly (CWE-939) which may be exploited to direct the App to access any sites."

***Parrot TDS Injecting Malicious Redirect Scripts on Hacked Sites***

Source: <https://gbhackers.com/parrot-tds-redirect-scripts/>

From the Article: "While the recent discovery of Parrot TDS by Palo Alto researchers, the service used to inject malicious scripts into existing JavaScript code on servers, has garnered significant attention, this tactic isn't entirely new to the campaign's history."

***Hunters Ransomware Attack on Double Eagle Energy; Site Down! - The Cyber Express***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://thecyberexpress.com/hunters-ransomware-attack/>

From the Article: "The Hunters ransomware group has claimed to have launched a cyberattack on Double Eagle Energy Holdings IV, LLC, a prominent US-based oil and natural gas development and production company."

### ***MavenGate Supply Chain Attack Let Attackers Hijack Java & Android Apps***

Source: <https://gghackers.com/mavengate-hijack-apps/>

From the Article: "Threat actors can enter the target firm by distributing malware, influencing software upgrades, and gaining illicit access by breaching a reliable party in the supply chain."

### ***ASML profits soar, 'positive' signs for chips despite trade spats***

Source: <https://techxplore.com/news/2024-01-positive-chip-world-asml-profits.html>

From the Article: "Dutch tech giant ASML, which supplies chipmaking machines to the semiconductor industry, reported Wednesday a rise in annual net profit despite a high-tech trade spat between China and the West."

### ***Improper Separation of User/Administrator Privilege in Cybersecurity***

Source: <https://securityboulevard.com/2024/01/improper-separation-of-user-administrator-privilege-in-cybersecurity/>

From the Article: "The separation of user and administrator privileges is a cornerstone of robust cybersecurity practices. "

### ***Multiple Go Vulnerabilities Fixed in Ubuntu***

Source: <https://securityboulevard.com/2024/01/multiple-go-vulnerabilities-fixed-in-ubuntu/>

From the Article: "It is essential to stay aware of these vulnerabilities and apply fixes on time for safeguarding apps and maintaining secure code."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



***Python FBot Hacking: Cloud and SaaS Platforms Targeted***

Source: <https://securityboulevard.com/2024/01/python-fbot-hacking-cloud-and-saas-platforms-targeted/>

From the Article: "In the ever-evolving landscape of cybersecurity, a recent revelation has come to light – the emergence of a new Python-based hacking tool. "

***CFPB's proposed data rules would improve security, privacy and competition***

Source: <https://cyberscoop.com/cfpbs-data-rules-security-privacy-competition/>

From the Article: "The rules put control of that data back in the hands of ordinary Americans, while at the same time undermining the data broker economy and increasing customer choice and competition."

***Hackers Use SYSTEMBC Tool to Maintain Access to Compromised Network***

Source: <https://gbhackers.com/systembc-tool-maintain-access/>

From the Article: "This tool was first seen in 2018, and the SYSTEMBC acts as a SOCKS5 proxy that provides threat actors with persistent access or a backdoor."

***Securiti collaborates with Lacework to improve data protection in the cloud***

Source: <https://www.helpnetsecurity.com/2024/01/24/securiti-lacework-partnership/>

From the Article: "This collaboration unites Lacework, a Cloud Native Application Protection Platform (CNAPP), and Securiti's Data Command Center with built-in Data Security Posture Management (DSPM), empowering enterprises to safeguard their sensitive data across complex multicloud environments."

***Cybersecurity Market Forecasts: AI, API, Adaptive Security, Insurance Expected to Soar***

Source: <https://www.securityweek.com/cybersecurity-market-forecasts-ai-api-adaptive-security-insurance-expected-to-soar/>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "Several market research organizations have published reports providing forecasts and in-depth analysis for the cybersecurity sector, and they show that significant growth is expected in some areas. "

### ***Chrome 121 Patches 17 Vulnerabilities***

Source: <https://www.securityweek.com/chrome-121-patches-17-vulnerabilities/>

From the Article: "Google on Tuesday announced the promotion of Chrome 121 to the stable channel with patches for 17 vulnerabilities, including 11 reported by external researchers."

### ***Global Retailer BuyGoods.com Leaks 198GB of Internal and User PII, KYC data***

Source: <https://www.hackread.com/online-retailer-buygoods-com-pii-kyc-data-leak/>

From the Article: "  
The staggering 198.3 gigabytes of misconfigured database contained more than 260,000 records including customer selfies with unredacted credit cards."

### ***CISA Joins ACSC-led Guidance on How to Use AI Systems Securely***

Source: <https://www.cisa.gov/news-events/alerts/2024/01/23/cisa-joins-acsc-led-guidance-how-use-ai-systems-securely>

From the Article: "CISA has collaborated with the Australian Signals Directorate's Australian Cyber Security Centre (ASD's ACSC) on Engaging with Artificial Intelligence—joint guidance, led by ACSC, on how to use AI systems securely."

### ***Gen AI Expected to Bring Big Changes to Banking Sector***

Source: <https://www.bankinfosecurity.com/gen-ai-unleashes-game-changing-evolution-for-bfsi-sector-a-24172>

From the Article: "Bloomberg, JPMC, European Central Bank, Morgan Stanley, NASDAQ, HDFC ERGO and Commonwealth Bank Australia are harnessing gen AI to enhance productivity and customer experience."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***UK cyber attack: GCHQ warns of AI ransomware threat - ReadWrite***

Source: <https://readwrite.com/uk-cyber-threat-gchq-warns-of-ai-ransomware-threat/>

From the Article: "The UK's National Cyber Security Centre (NCSC) has warned artificial intelligence (AI) will increase the threat of ransomware globally over the next two years."

***Gartner® Releases Two Concurrent Reports Championing Automated Moving Target Defense (AMTD) Technology***

Source: <https://blog.morphisec.com/gartner-covers-amtd>

From the Article: "Gartner released two reports this month including Gartner® Emerging Tech: Security — AMTD Transforms Endpoint Protection<sup>1</sup> and Gartner Emerging Tech: AMTD Advances Proactive Cloud Defense<sup>2</sup> report, which each feature Morphisec as a sample vendor."

***Riber wins order from Asia for three production MBE systems***

Source: [https://www.semiconductor-today.com/news\\_items/2024/jan/riber-240124.shtml](https://www.semiconductor-today.com/news_items/2024/jan/riber-240124.shtml)

From the Article: "Riber S.A. of Bezons, France — which makes molecular beam epitaxy (MBE) systems as well as evaporation sources — has received an order from a “major compound semiconductor industrial customer in Asia” for three production systems: two MBE 412 systems and one MBE 6000 system (for delivery in 2024)."

***Honeywell debuts Advance Control for Buildings, improves building management with cybersecurity measures***

Source: <https://industrialcyber.co/vendors/honeywell-debuts-advance-control-for-buildings-improves-building-management-with-cybersecurity-measures/>

From the Article: "Automation and machine learning fuel a streamlined operation system featuring built-in cybersecurity and technology to deliver faster network speeds that, in an industry first, use existing wiring."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***CRI, CyManII launch pilot program to enhance cybersecurity in energy manufacturing sector***

Source: <https://industrialcyber.co/manufacturing/cri-cymanii-launch-pilot-program-to-enhance-cybersecurity-in-energy-manufacturing-sector/>

From the Article: "The Cyber Readiness Institute (CRI) and Cybersecurity Manufacturing Innovation Institute (CyManII) launched on Monday a pilot program aimed at elevating cyber readiness and security within the energy manufacturing sector."

***Oxford Instruments supplies ALD system to UK micro-LED maker***

Source: [https://www.semiconductor-today.com/news\\_items/2024/jan/oipt-240124.shtml](https://www.semiconductor-today.com/news_items/2024/jan/oipt-240124.shtml)

From the Article: "UK-based Oxford Instruments says that its atomic layer deposition (ALD) equipment has been installed at an "award-winning UK micro-LED provider" to support the latest consumer-immersive reality products and display devices."

***North Korean Threat Actor Targeting Cybersecurity Researchers With Spear Phishing Attacks***

Source: <https://blog.knowbe4.com/spear-phishing-attacks-target-researchers>

From the Article: "A suspected North Korean state-sponsored threat actor called "ScarCruft" is launching spear phishing attacks against cybersecurity professionals, according to researchers at SentinelOne."

***Use of Generative AI Apps Jumps 400% in 2023, Signaling the Potential for More AI-Themed Attacks***

Source: <https://blog.knowbe4.com/use-of-ai-apps-jumps-400-in-2023-signaling-more-ai-themed-attacks>

From the Article: "As the use of Cloud SaaS platforms of generative AI solutions increases, the likelihood of more "GPT" attacks used to gather credentials, payment info and corporate data also increases."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***Enzoic and ThreatQuotient join forces to defend companies from compromised credentials***

Source: <https://www.helpnetsecurity.com/2024/01/24/enzoic-threatquotient-partnership/>

From the Article: "Through the agreement, the latter is integrating Enzoic's Dark Web monitoring capabilities to scan for exposure and help customers act at the first sign of compromise."

***Google to put Disclaimer on How its Chrome Incognito Mode Does 'Nothing'***

Source: <https://www.cysecurity.news/2024/01/google-to-put-disclaimer-on-how-its.html>

From the Article: "The description of Chrome's Incognito mode is set to be changed in order to state that Google monitors users of the browser."

***ThreeAM Ransomware Attacking Small & Medium Companies - Cyber Security News***

Source: <https://cybersecuritynews.com/threeam-ransomware-attack/>

From the Article: "For financial gain, hackers exploit ransomware through which they encrypt victims' data and then demand a ransom payment in exchange for its release."

***Using GoAnywhere MFT for file transfers? Patch now – an exploit's out for a critical bug***

Source: [https://www.theregister.com/2024/01/24/public\\_exploit\\_published\\_within\\_hours/](https://www.theregister.com/2024/01/24/public_exploit_published_within_hours/)

From the Article: "Security experts are wasting no time in publishing working exploits for a critical vulnerability in Fortra GoAnywhere MFT, which was publicly disclosed just over a day ago."

***Meta Has Not Done Enough To Safeguard Children, Whistleblower Says***

Source: <https://www.theguardian.com/technology/2024/jan/24/meta-has-not-done-enough-to-safeguard-children-whistleblower-says>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "Mark Zuckerberg's Meta has not done enough to safeguard children after Molly Russell's death, according to a whistleblower who said the social media company already has the infrastructure in place to shield teenagers from harmful content."

### ***Colorado Pastor Accused Of Multimillion Dollar Crypto Scheme***

Source: <https://www.bbc.com/news/world-us-canada-68072665>

From the Article: "A Colorado pastor and his wife have been charged with duping hundreds of local Christians in a multimillion dollar cryptocurrency scheme."

### ***Suppression of deep-level traps for lead-free perovskite solar cells***

Source: <https://techxplore.com/news/2024-01-suppression-deep-free-perovskite-solar.html>

From the Article: "Sn vacancies and undercoordinated Sn ions on the tin perovskite surfaces can create deep-level traps, leading to non-radiative recombination and absorption nucleophilic O<sub>2</sub> molecules, impeding further device efficiency and stability."

### ***Google Pixel phones unusable after January 2024 system update***

Source: <https://www.bleepingcomputer.com/news/google/google-pixel-phones-unusable-after-january-2024-system-update/>

From the Article: "Google Pixel smartphone owners report problems after installing the January 2024 Google Play system update, being unable to access their devices internal storage, open the camera, take screenshots, or even open apps."

### ***One of world's largest water utility company hit by ransomware attack - TechRadar***

Source: <https://www.techradar.com/pro/security/veolia-north-america-hit-by-ransomware-attack-but-water-supplies-should-be-unaffected-for-now>

From the Article: "A department in Veolia North America, a transnational company offering water, energy and waste recycling management services, suffered a ransomware attack which resulted in the theft of some personal data, and forced the

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

company to take parts of its infrastructure offline."

### ***Can China use offshore wind to break its reliance on foreign LNG and coal?***

Source: <https://www.lowyinstitute.org/the-interpretor/can-china-use-offshore-wind-break-its-reliance-foreign-lng-coal>

From the Article: "A worldwide scramble for energy supplies following Russia's invasion of Ukraine has intensified China's quest for energy security. "

### ***Mozilla Releases Security Updates for Thunderbird and Firefox***

Source: <https://www.cisa.gov/news-events/alerts/2024/01/24/mozilla-releases-security-updates-thunderbird-and-firefox>

From the Article: "A cyber threat actor could exploit one of these vulnerabilities to take control of an affected system."

### ***Israeli Startup Gets \$5M Seed Capital to Tackle AI Security***

Source: <https://www.securityweek.com/israeli-startup-gets-5m-seed-capital-to-tackle-ai-security/>

From the Article: "Prompt Security, a new Israeli company with plans to build technology to block sensitive data exposure in generative-AI apps, has landed \$5 million in seed funding."

### ***Beware of Weaponized Office Documents that Deliver VenomRAT***

Source: <https://gbhackers.com/venomrat-weaponized-office-documents/>

From the Article: "Cybersecurity researchers at AhnLab Security Intelligence Center (ASEC) recently identified that hackers have been actively exploiting the weaponized Office documents to deliver VenomRAT."

### ***Trezor Unveils Unauthorized User Data Access, Highlighting Emerging Phishing Threat***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.cysecurity.news/2024/01/trezor-unveils-unauthorized-user-data.html>

From the Article: "While the breach did not compromise users' funds or their physical hardware wallets, concerns were raised about potential phishing attacks targeting affected individuals."

### ***Are Bots Behind the Apple Vision Pro Pre-Order Sell Out?***

Source: <https://securityboulevard.com/2024/01/are-bots-behind-the-apple-vision-pro-pre-order-sell-out/>

From the Article: "Kasada has observed scalpers using bots to successfully pre-order thousands of the Apple Vision Pro 256GB."

### ***Water management conglomerate hit by ransomware. AI's use in ransomware attacks.***

Source: <https://thecyberwire.com/newsletters/daily-briefing/13/16>

From the Article: "Veolia North America, a subsidiary of French water management conglomerate Veolia, sustained a ransomware attack that affected its "internal back-end systems," BleepingComputer reports. "

### ***Roblox Game 'Hack-A-Cat' Now Part of the Free KnowBe4 Children's Interactive Cybersecurity Activity Kit***

Source: <https://blog.knowbe4.com/roblox-game-free-knowbe4-childrens-interactive-cybersecurity-activity-kit>

From the Article: "KnowBe4 dreamed up and created a game of virtual cats vs. virtual mice with phishing emails, VPNs, ransomware and more, all on the Roblox platform"

### ***37C3: how ethical hackers broke DRM on trains | Kaspersky official blog***

Source: <https://www.kaspersky.com/blog/train-hack-37c3-talk/50321/>

From the Article: "However, once SPS was done with servicing the first of the trains, they found that it simply wouldn't start up any more — despite seeming to be fine both

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



mechanically and electrically."

### ***Bitcoin ransomware gang claims to have hacked major UK water provider - Protos***

Source: <https://protos.com/major-uk-water-firm-hacked-by-107m-bitcoin-ransomware-group/>

From the Article: "A ransomware group that has reportedly extorted more than \$100 million in bitcoin ransoms since 2022 claims that it has hacked a large UK water firm and is holding it to ransom."

### ***Ransomware cyberattack hits KCATA, call centers most impacted - KCTV5***

Source: <https://www.kctv5.com/2024/01/24/ransomware-cyberattack-hits-kcata-call-centers-most-impacted/>

From the Article: "he Kansas City Area Transportation Authority confirmed it was hit by a ransomware attack on Tuesday morning."

### ***VexTrio TDS: Inside a massive 70,000-domain cybercrime operation***

Source: <https://www.bleepingcomputer.com/news/security/vextrio-tds-inside-a-massive-70-000-domain-cybercrime-operation/>

From the Article: "A previously unknown traffic distribution system (TDS) named 'VexTrio' has been active since at least 2017, aiding 60 affiliates in their cybercrime operations through a massive network of 70,000 sites."

### ***CISA's Water Sector Guide Puts Incident Response Front & Center***

Source: <https://www.darkreading.com/ics-ot-security/cisa-water-sector-cyber-guide-incident-response>

From the Article: "Water and wastewater utilities last week received new guidance for improving their response to cyberattacks from the US Cybersecurity and Infrastructure Security Agency (CISA), following a greater number of attacks by nation-state groups and cybercriminals targeting the underserved critical infrastructure."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***ChatGPT Cybercrime Discussions Spike to Nearly 3K Posts on Dark Web***

Source: <https://www.darkreading.com/threat-intelligence/dark-web-chatgpt-cybercrime-discussions-spike-nearly-3k-malicious-posts>

From the Article: "In new findings from Kaspersky's Digital Footprint Intelligence service, the researchers said there has been an uptick in discussions regarding the illegal use of ChatGPT as well as other large language models on the Dark Web."

***HHS Details New Cyber Performance Goals for Health Sector***

Source: <https://www.bankinfosecurity.com/hhs-cyber-goal-guidance-a-24178>

From the Article: "'Essential' and 'Enhanced' Best Practices Will Influence Upcoming Rule-Making Federal regulators have released guidance that spells out voluntary cybersecurity performance goals for the healthcare sector."

***Managed Ransomware Detect & Respond (RDR) Offering From Zyston***

Source: <https://www.darkreading.com/endpoint-security/managed-ransomware-detect-respond-rdr-offering-from-zyston>

From the Article: "Zyston, a leading Managed Security Services Provider (MSSP) based in Dallas, Texas, is excited to introduce Managed Ransomware Detect and Respond (RDR), a co-managed solution designed to mitigate risk and provide a swift, expert response to ransomware incidents."

***Black Basta claims hack on Southern Water - Computing.co.uk***

Source: <https://www.computing.co.uk/news/4166956/black-basta-claims-hack-southern-water>

From the Article: "The ransomware group, known for its double-extortion attack model, announced the breach on its Tor data leak site and has threatened to release 750 gigabytes of sensitive data, including personal and corporate documents, on 29th February 2024."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

### ***Commercial Banking Takes on Reverse Proxy Phishing***

Source: <https://securityboulevard.com/2024/01/commercial-banking-takes-on-reverse-proxy-phishing/>

From the Article: "The online commercial banking industry is experiencing a rising challenge with the subtle yet impactful presence of reverse proxy attacks, particularly in the form of reverse proxy phishing."

### ***Financial tech firm EquiLend says recovery after cyberattack 'may take several days'***

Source: <https://therecord.media/equilend-cyberattack-financial-recovery-two-days>

From the Article: "Financial technology firm EquiLend was hit with a cyberattack this week which forced several of its systems offline and may require several days to recover from."

### ***45% of critical CVEs left unpatched in 2023***

Source: <https://www.helpnetsecurity.com/2024/01/25/cybersecurity-attack-attempts-increase/>

From the Article: "Blind spots and critical vulnerabilities are worsening, with 45% of critical CVEs remaining unpatched. "

### ***Facebook AdsManager Targeted by a Python Infostealer, (Thu, Jan 25th)***

Source: <https://isc.sans.edu/diary/rss/30590>

From the Article: "These days, many pieces of malware are flagged as "infostealers" because, once running on the victim's computer, they search for interesting data and exfiltrate them."

### ***Darktrace, Garland Technology collaborate to enhance cybersecurity in complex OT environments***

Source: <https://industrialcyber.co/news/darktrace-garland-technology-collaborate-to-enhance-cybersecurity-in-complex-ot-environments/>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "Together, Garland's Network TAPs and Aggregators and Darktrace/OT are designed to enable visibility and security across OT, IT, and IIoT networks to Purdue level 1."

***Veracity Industrial debuts combination virtual switch and OT-SDN Controller running on a single device***

Source: <https://industrialcyber.co/news/veracity-industrial-debuts-combination-virtual-switch-and-ot-sdn-controller-running-on-a-single-device/>

From the Article: "This first-of-its-kind device combines software-defined networking (SDN) benefits with a virtual switch on a hardened security appliance."

***Memory chip giant SK Hynix returns to profit on strong AI demand***

Source: <https://techxplore.com/news/2024-01-memory-chip-giant-sk-hynix.html>

From the Article: "The world's second-largest memory chip maker, South Korea's SK Hynix, said on Thursday it had returned to profit after four consecutive quarters of losses driven by demand for chips used in artificial intelligence."

***China-backed Hackers Hijack Software Updates to Implant "NSPX30" Spyware***

Source: <https://thehackernews.com/2024/01/china-backed-hackers-hijack-software.html>

From the Article: "A previously undocumented China-aligned threat actor has been linked to a set of adversary-in-the-middle (AitM) attacks that hijack update requests from legitimate software to deliver a sophisticated implant named NSPX30."

***US regulators have done little to address firmware vulnerabilities, think tank argues***

Source: <https://www.nextgov.com/cybersecurity/2024/01/us-regulators-have-done-little-address-firmware-vulnerabilities-think-tank-argues/393596/>

From the Article: "Firmware connects the hardware and software of a device, but efforts to protect it have been absent in many of the government's recent cybersecurity initiatives, according to the report."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

### ***Cequence Security partners with Vercara to prevent sophisticated automated API attacks***

Source: <https://www.helpnetsecurity.com/2024/01/25/cequence-security-vercara-partnership/>

From the Article: "Cequence Security announced a new partnership with Vercara, a provider of cloud-based services that secure the online experience."

### ***Zscaler Adds SASE Offering to Zero-Trust Portfolio of Cloud Services***

Source: <https://securityboulevard.com/2024/01/zscaler-adds-sase-offering-to-zero-trust-portfolio-of-cloud-services/>

From the Article: "Zscaler added a SASE based on its existing cloud platform through which it provides access to specific apps via encrypted TLS tunnels."

### ***Linux Kernel 6.7 Released with Various Security Improvements***

Source: <https://securityboulevard.com/2024/01/linux-kernel-6-7-released-with-various-security-improvements/>

From the Article: "Linus Torvalds has announced the release of Linux kernel 6.7, featuring various improvements and new features."

### ***TuxCare Extended Lifecycle Support for CentOS 7 Offers Unmatched Security, Compliance, and Migration Guidance***

Source: <https://securityboulevard.com/2024/01/tuxcare-extended-lifecycle-support-for-centos-7-offers-unmatched-security-compliance-and-migration-guidance/>

From the Article: "New CentOS 7 ELS Complete tier of service from TuxCare is set to make CentOS 7 end of a life a non-event when it takes place on June 30, 2024"

### ***New Deepfake Video Scam has "Taylor Swift" Offering Free French Cookware***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://blog.knowbe4.com/deepfake-video-scam-taylor-swift-offering-cookware>

From the Article: "A new wave of ads utilizing video of well-known celebrities seemingly promoting video games, fake giveaways, and more are starting to popup, and fans are falling for this trap."

### ***ColdRiver APT: Google TAG Warns Against Russian APT Group is Using a Custom Backdoor***

Source: <https://www.cysecurity.news/2024/01/coldriver-apt-google-tag-warns-against.html>

From the Article: "TAG has recently seen COLDRIVER use phishing efforts to spread bespoke malware using PDFs as lure materials."

### ***GitHub, NPM Registry Abused To Host SSH Key-Stealing Malware***

Source: <https://www.scmagazine.com/news/github-npm-registry-abused-to-host-ssh-key-stealing-malware>

From the Article: "Malicious NPM packages designed to upload stolen SSH keys to GitHub were discovered by software threat researchers this month."

### ***\$1.7 Billion Stolen In Cryptocurrency Hacks In 2023***

Source: <https://packetstormsecurity.com/news/view/35448/-1.7-Billion-Stolen-In-Cryptocurrency-Hacks-In-2023.html>

From the Article: "A total of \$1.7 billion worth of cryptocurrency were stolen in 2023 as a result of cryptocurrency platform hacks, according to a report from blockchain analysis firm Chainalysis."

### ***Leaks and Revelations: A Web of IRGC Networks and Cyber Companies***

Source: <https://www.recordedfuture.com/leaks-and-revelations-irgc-networks-cyber-companies>

From the Article: "The report discusses Iranian intelligence and military entities

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

associated with the Islamic Revolutionary Guard Corps (IRGC) involved in cyber activities targeting Western countries through their network of contracting companies."

### ***Dangerous Trends: YouTube Stream-Jacking Attacks Reach Alarming Levels***

Source: <https://www.cysecurity.news/2024/01/dangerous-trends-youtube-stream-jacking.html>

From the Article: "In a new report published by Bitdefender, a sudden rise in stream-jacking attacks has been revealed targeting high-profile and popular streaming services such as YouTube, where malicious links or lures are distributed to the user."

### ***Infineon providing 1200V CoolSiC MOSFET devices for Sinexcel's energy storage systems***

Source: [https://www.semiconductor-today.com/news\\_items/2024/jan/infineon-250124.shtml](https://www.semiconductor-today.com/news_items/2024/jan/infineon-250124.shtml)

From the Article: "Infineon Technologies AG of Munich, Germany has announced a partnership in which it will provide its 1200V CoolSiC MOSFET power semiconductor devices — in combination with EiceDRIVER compact 1200V single-channel isolated gate drive ICs — to Sinexcel Electric Co Ltd of Shenzhen, China (a provider of core power equipment and solutions for the energy Internet) to further improve the efficiency of energy storage systems"

### ***\$2.4 trillion securities platform owner hacked. EquiLend admits "unauthorised access"***

Source: <https://www.databreaches.net/2-4-trillion-securities-platform-owner-hacked-equilend-admits-unauthorised-access/>

From the Article: "Financial technology company EquiLend – the owner of a NGT [Next Generation Trading], a platform that executes \$2.4 trillion of securities transactions each month – has confirmed "unauthorized access to our systems" on January 22."

### ***LODEINFO Fileless Malware Evolves with Anti-Analysis and Remote Code Tricks***

Source: <https://thehackernews.com/2024/01/lodeinfo-fileless-malware-evolves-with.html>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "Cybersecurity researchers have uncovered an updated version of a backdoor called LODEINFO that's distributed via spear-phishing attacks."

### ***Critical Jenkins Vulnerability Exposes Servers to RCE Attacks - Patch ASAP!***

Source: <https://thehackernews.com/2024/01/critical-jenkins-vulnerability-exposes.html>

From the Article: "The maintainers of the open-source continuous integration/continuous delivery and deployment (CI/CD) automation software Jenkins have resolved nine security flaws, including a critical bug that, if successfully exploited, could result in remote code execution (RCE)."

### ***Another Phobos Ransomware Variant Launches Attack – FAUST***

Source: <https://www.fortinet.com/blog/threat-research/phobos-ransomware-variant-launches-attack-faust>

From the Article: "Fortiguard Labs unveils a recent FAUST ransomware attack, a variant of the Phobos family that exploits an Office document and deploys on Windows systems. Learn more."

### ***1Kosmos BlockID 1Key secures users in restricted environments***

Source: <https://www.helpnetsecurity.com/2024/01/25/1kosmos-blockid-1key/>

From the Article: "1Kosmos announced BlockID 1Key, a biometric security key to provide a phishing-resistant passwordless multi-factor authentication option for Sensitive Compartmented Information Facilities (SCIF), manufacturing clean rooms, customer help desks, higher education labs, retail bank branches, healthcare providers and other restricted environments where access to mobile devices is not permitted or available."

### ***Kyndryl and Cisco unveil two security edge services***

Source: <https://www.helpnetsecurity.com/2024/01/25/kyndryl-cisco-partnership/>

From the Article: "Kyndryl announced two new security edge services developed jointly with Cisco to help customers improve their security controls and proactively address

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



and respond to cyber incidents."

### ***Vercara introduces the Private Data Lake feature into UltraDNS***

Source: <https://www.helpnetsecurity.com/2024/01/25/vercara-ultradns-private-data-lake/>

From the Article: "Vercara is introducing a new Private Data Lake feature to its UltraDNS product."

### ***US suffered cyberattacks from 168 threat actors in 2023***

Source: <https://www.securitymagazine.com/articles/100346-us-suffered-cyberattacks-from-168-threat-actors-in-2023>

From the Article: "Critical infrastructure attacks were analyzed in a recent report by Forescout Research. The report found more than 420 million attacks between January and December 2023. That is 13 attacks per second, a 30% increase from 2022"

### ***Pure Malware Tools Pose As Legitimate Software to Bypass AV Detections***

Source: <https://qbhackers.com/pure-malware-tools/>

From the Article: "An extensive examination of the growing danger posed by the Pure malware family has been released, providing the industry with more insightful information about PureCrypter, PureLogs, and PureMiner"

### ***Abu Dhabi Investment Firm Warns About Scam Efforts***

Source: <https://www.darkreading.com/cyberattacks-data-breaches/abu-dhabi-investment-firm-warns-scam-efforts>

From the Article: "A top financial entity warned that its brand is being used to spread cyber scams, as fraud efforts persist throughout the country."

### ***Expect 'AI versus AI' cyber activity between US and adversaries, Pentagon official says***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.nextgov.com/cybersecurity/2024/01/expect-ai-versus-ai-cyber-activity-between-us-and-adversaries-pentagon-official-says/393613/>

From the Article: "Researchers and officials say AI will usher in the next phase of cyber warfare, enabling new ways to carry out classic cyberattacks and build out new hacking tools."

### ***Navitas and SHINRY open joint R&D power lab***

Source: [https://www.semiconductor-today.com/news\\_items/2024/jan/navitas-shinry-250124.shtml](https://www.semiconductor-today.com/news_items/2024/jan/navitas-shinry-250124.shtml)

From the Article: "Gallium nitride (GaN) power IC and silicon carbide (SiC) technology firm Navitas Semiconductor Corp of Torrance, CA, USA and SHINRY of Shenzhen, China (a tier-1 supplier of on-board power supplies to auto-makers such as Honda, Hyundai, BYD, Geely, XPENG, and BAIC) have opened a joint R&D power laboratory to accelerate the development of new-energy vehicle (NEV) power systems enabled by Navitas' GaNFast technology."

### ***Secret Service to revive the Cyber Investigations Advisory Board***

Source: <https://cyberscoop.com/secret-service-cyber-investigations-advisory-board/>

From the Article: "The United States Secret Service is reestablishing a federal committee to advise the agency on cyber investigations, according to a notice on the Federal Register."

### ***Will All Li-ion Battery Chemistries Be Recycled?***

Source: <https://www.eetimes.eu/will-all-li-ion-battery-chemistries-be-recycled/>

From the Article: "Lithium-ion batteries are used for a range of applications, including consumer electronic and portable devices, battery energy storage systems and electric vehicles."

***"A limited amount of data has been published": Southern Water confirms ransomware attack ...***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.itpro.com/security/ransomware/a-limited-amount-of-data-has-been-published-southern-water-confirms-ransomware-attack-as-blackbasta-group-claims-responsibility>

From the Article: "The hack of Southern Water by a notable ransomware group has highlighted the increasing risk to the water industry from cyber criminals, experts have said."

### ***'Midnight Blizzard' Breached HPE Email Months Before Microsoft Hack***

Source: <https://www.darkreading.com/threat-intelligence/midnight-blizzard-breached-hpe-email-before-microsoft-hack>

From the Article: "Months before Russian threat actor "Midnight Blizzard" accessed and exfiltrated data from email accounts belonging to senior leadership at Microsoft last November, the group already had done the same at Hewlett-Packard Enterprise (HPE)."

### ***US FTC Launches Investigation Into Tech Giants' AI Influence***

Source: <https://www.bankinfosecurity.com/ftc-launches-probe-into-tech-giants-ai-influence-a-24192>

From the Article: "Chair Lina Khan Says Probe Will Look for Potential 'Undue Influence' The Federal Trade Commission is investigating whether five artificial intelligence technology giants are exerting undue influence or gaining privileged access "in ways that undermine fair competition" across the generative AI sector, said Chairwoman Lina Khan."

### ***Ardent Health Services Files Notice of Data Breach in the Wake of Ransomware Attack***

Source: <https://www.jdsupra.com/legalnews/ardent-health-services-files-notice-of-6194455/>

From the Article: "On January 24, 2024, AHS Management Company, Inc., better known as Ardent Health Services ("Ardent"), filed a notice of data breach with the Attorney General of Texas after discovering that it was recently targeted in a ransomware attack."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

### ***Cybersecurity: Ransomware Hacker Gangs Shift to Zero-Day Vulnerabilities in 2024***

Source: <https://usaherald.com/cybersecurity-ransomware-hacker-gangs-shift-to-zero-day-vulnerabilities-in-2024/>

From the Article: "Ransomware hacker gangs can no longer rely on critical security flaws, according to a new report shared on Axios."

### ***Russian Sentenced To Five Years In Prison For Trickbot Malware | Barron's***

Source: <https://www.barrons.com/articles/russian-sentenced-to-five-years-in-prison-for-trickbot-malware-819d89b4>

From the Article: "A Russian man has been sentenced to more than five years in prison for his involvement in developing the Trickbot malware used to extort businesses, including hospitals during the Covid pandemic, the US Justice Department said Thursday."

### ***Critical Cisco Flaw Lets Hackers Remotely Take Over Unified Comms Systems***

Source: <https://thehackernews.com/2024/01/critical-cisco-flaw-lets-hackers.html>

From the Article: "Cisco has released patches to address a critical security flaw impacting Unified Communications and Contact Center Solutions products that could permit an unauthenticated, remote attacker to execute arbitrary code on an affected device."

### ***New Concordia study shows offshore wind farms are vulnerable to cyberattacks***

Source: <https://industrialcyber.co/threats-attacks/new-concordia-study-shows-offshore-wind-farms-are-vulnerable-to-cyberattacks/>

From the Article: "Researchers from Concordia and Hydro-Quebec presented a new study on the topic in Glasgow, United Kingdom at the 2023 IEEE International Conference on Communications, Control, and Computing Technologies for Smart Grids (SmartGridComm)."

### ***Social Engineering Attacks Rising in the Trucking Industry***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://blog.knowbe4.com/social-engineering-in-trucking-industry>

From the Article: "Spear phishing and voice phishing (vishing) are on the rise in the trucking industry, according to a new report from the National Motor Freight Traffic Association (NMFTA)."

### ***Hackers target WordPress database plugin active on 1 million sites***

Source: <https://www.bleepingcomputer.com/news/security/hackers-target-wordpress-database-plugin-active-on-1-million-sites/>

From the Article: "Malicious activity targeting a critical severity flaw in the 'Better Search Replace' WordPress plugin has been detected, with researchers observing thousands of attempts in the past 24 hours."

### ***systematic restoration work continues after the ransomware attack – first customer ... - Tietoevry***

Source: <https://www.tietoevry.com/en/newsroom/all-news-and-releases/press-releases/2024/01/tietoevry-systematic-restoration-work-continues-after-the-ransomware-attack--first-customer-systems-back-up-and-runnin/>

From the Article: "Tietoevry continues to work around the clock with an extensive team of experts and technicians to restore services for the impacted customers. The systematic multi-phase work is advancing relentlessly in collaboration with the customers in question."

### ***Call centers impacted, services continue after ransomware attack hits KCATA early Tuesday - Yahoo***

Source: <https://www.yahoo.com/news/call-centers-impacted-services-continue-131444517.html>

From the Article: "All services continue to operate, including fixed-route buses, Freedom and Freedom On-Demand paratransit service."

### ***BISD Board approves quote of over \$37000 for ransomware software - WTVB***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://wtvbam.com/2024/01/25/616569/>

From the Article: "The Branch Intermediate School District Board of Education approved a quote of just over \$37,400 on Wednesday from a company that makes cyber security software."

### ***SystemBC Malware's C2 Server Analysis Exposes Payload Delivery Tricks***

Source: <https://thehackernews.com/2024/01/systembc-malwares-c2-server-analysis.html>

From the Article: ""SystemBC can be purchased on underground marketplaces and is supplied in an archive containing the implant, a command-and-control (C2) server, and a web administration portal written in PHP," Kroll said in an analysis published last week."

### ***Fintech Company EquiLend Restoring Systems Following Cyberattack***

Source: <https://www.securityweek.com/fintech-company-equilend-restoring-systems-following-cyberattack/>

From the Article: "Wall Street fintech firm EquiLend on Wednesday announced that it's working on restoring systems knocked offline following a cyberattack earlier this week."

### ***Regula introduces smart testing for remote onboarding efficiency***

Source: <https://www.helpnetsecurity.com/2024/01/25/regula-nfc-testkit/>

From the Article: "Currently, over 75% of countries worldwide use electronic documents equipped with NFC chips."

### ***Searchlight Cyber adds AI-powered language translation to simplify dark web investigations***

Source: <https://www.helpnetsecurity.com/2024/01/25/searchlight-cyber-ai-language-translation/>

From the Article: "This enhancement gives cybersecurity professionals instant access to

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

precisely translated results in English, allowing them to search, monitor, and understand threats in the most frequently used languages on the dark web – representing over 94 percent of non-English content."

### ***ITRC Report: Breaches Up 78% in 2023, Breaking 2021 Record***

Source: <https://www.bankinfosecurity.com/itrc-report-breaches-up-78-in-2023-breaking-2021-record-a-24190>

From the Article: "Supply chain attacks and zero-day exploits surged in 2023, helping to set yet another record for data breaches tracked by the Identity Theft Resource Center."

### ***Budget cuts loom for data privacy initiatives***

Source: <https://www.helpnetsecurity.com/2024/01/26/regulatory-data-privacy-challenges/>

From the Article: "However, only 34% of organizations say they find it easy to understand their privacy obligations and only 43% are very or completely confident in their organization's privacy team's ability to ensure data privacy and achieve compliance with new privacy laws and regulations."

### ***Longer passwords aren't safe from intensive cracking efforts***

Source: <https://www.helpnetsecurity.com/2024/01/26/weak-passwords/>

From the Article: "The report found that 31.1 million breached passwords had over 16 characters, showing longer passwords aren't safe from being cracked"

### ***GuidePoint reports alarming rise in ransomware, mostly impacting manufacturing and technology industries***

Source: <https://industrialcyber.co/reports/guidepoint-reports-alarming-rise-in-ransomware-mostly-impacting-manufacturing-and-technology-industries/>

From the Article: "GuidePoint data also identified that the research observed 63 distinct ransomware groups leverage encryption, data exfiltration, data extortion, and other novel tactics to compromise and publicly post 4,519 victims across all 30 of GRIT's

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

tracked industries, and in 120 countries."

***Senate Committee debuts bipartisan bill to add OT, ICS environments to federal employee cyber competition***

Source: <https://industrialcyber.co/regulation-standards-and-compliance/senate-committee-debuts-bipartisan-bill-to-add-ot-ics-environments-to-federal-employee-cyber-competition/>

From the Article: "The bill improves the President's Cup Cybersecurity Competition, a national cyber competition that identifies and helps train the best cybersecurity talent in the federal workforce, by expanding the competition to include OT (operational technology) and ICS (industrial control systems). "

***Post-cyberattack restoration of Pennsylvania county's dispatch system underway | SC Media***

Source: <https://www.scmagazine.com/brief/post-cyberattack-restoration-of-pennsylvania-countys-dispatch-system-underway>

From the Article: "Online catalog access at the British Library, the UK's national library, has already been restored after the library's various services were disrupted by a Rhysida ransomware attack in October, according to The Record, a news site by cybersecurity firm Recorded Future."

***KYOCERA SLD Laser demos high-speed underwater wireless optical communication and custom GaN laser capabilities***

Source: [https://www.semiconductor-today.com/news\\_items/2024/jan/kyocerasld-260124.shtml](https://www.semiconductor-today.com/news_items/2024/jan/kyocerasld-260124.shtml)

From the Article: "In booth 1667 (Hall C) at SPIE Photonics West 2024 (30 January–1 February), KYOCERA SLD Laser Inc (KSLD) of Goleta, near Santa Barbara, CA, USA — which is commercializing gallium nitride (GaN)-based laser light sources for automotive, mobility, specialty lighting and consumer applications — is demonstrating new LaserLight technologies including a high-speed, bidirectional link for underwater wireless optical communication (UWOC) and custom-chip GaN laser capabilities."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



***CISA Emergency Directive Demands Action on Ivanti Zero-Day Vulnerabilities***

Source: <https://securityboulevard.com/2024/01/cisa-emergency-directive-demands-action-on-ivanti-zero-day-vulnerabilities/>

From the Article: "This directive is in response to the discovery of zero-day vulnerabilities in products from Ivanti, a Utah-based software company."

***Guerrilla RF adds two ¼W linear PAs and two LNAs, targeting cellular compensators for automotive market***

Source: [https://www.semiconductor-today.com/news\\_items/2024/jan/guerrillarf-260124.shtml](https://www.semiconductor-today.com/news_items/2024/jan/guerrillarf-260124.shtml)

From the Article: "Guerrilla RF Inc (GRF) of Greensboro, NC, USA — which develops and manufactures radio-frequency integrated circuits (RFICs) and monolithic microwave integrated circuits (MMICs) for wireless applications — has announced the formal release of two ¼W linear power amplifiers PAs and two low-noise amplifiers LNAs earmarked specifically for the automotive market."

***Malicious Ads on Google Target Chinese Users with Fake Messaging Apps***

Source: <https://thehackernews.com/2024/01/malicious-ads-on-google-target-chinese.html>

From the Article: "Chinese-speaking users have been targeted by malicious Google ads for restricted messaging apps like Telegram as part of an ongoing malvertising campaign."

***GitLab Arbitrary File Write Vulnerability (CVE-2024-0402) Alert***

Source: <https://securityboulevard.com/2024/01/gitlab-arbitrary-file-write-vulnerability-cve-2024-0402-alert/>

From the Article: "Recently, NSFOCUS CERT detected that GitLab officially released a security announcement and fixed an arbitrary file write vulnerability (CVE-2024-0402) in GitLab Community Edition (CE) and Enterprise Edition (EE)."

***[Link back to Table of Contents](#)***

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

**Data Privacy Week: Companies are Banning Generative AI Due to Privacy Risks**

Source: <https://www.infosecurity-magazine.com/news/banning-generative-ai-privacy-risks/>

From the Article: "Cisco found that privacy and data security risks have led to over a quarter of organizations banning generative AI, at least temporarily, while a majority have instituted controls"

**Microsoft Teams Adds Support for 3D Immersive Meetings to Enhance Collaboration**

Source: <https://petri.com/microsoft-teams-3d-immersive-meetings/>

From the Article: "Microsoft has announced the general availability of Mesh experiences in Microsoft Teams. The new feature has been available in public preview since November, allowing users to conduct Teams meetings in 3D immersive experiences."

**3D printed electronic skin provides promise for human-machine interaction**

Source: <https://techxplore.com/news/2024-01-3d-electronic-skin-human-machine.html>

From the Article: "With more than 1,000 nerve endings, human skin is the brain's largest sensory connection to the outside world, providing a wealth of feedback through touch, temperature and pressure"

**Authentication bypass exploit in GoAnywhere MFT | Kaspersky official blog**

Source: <https://www.kaspersky.com/blog/exploit-authentication-bypass-vulnerability-goanywhere-mft/50344/>

From the Article: "Researchers have analyzed the CVE-2024-0204 vulnerability in Fortra GoAnywhere MFT software (MFT standing for managed file transfer) and published exploit code that takes advantage of it."

**Pegasus Spyware Targets Togolese Journalists' Mobile Devices**

Source: <https://www.darkreading.com/endpoint-security/pegasus-spyware-togolese-journalists-mobile-devices>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "An investigation into 2021 intrusions uncovered multiple infections on the phones of journalists in the African country."

### ***Invoice Phishing Alert: TA866 Deploys WasabiSeed & Screenshotter Malware***

Source: <https://thehackernews.com/2024/01/invoice-phishing-alert-ta866-deploys.html>

From the Article: "The threat actor tracked as TA866 has resurfaced after a nine-month hiatus with a new large-volume phishing campaign to deliver known malware families such as WasabiSeed and Screenshotter."

### ***Widespread phishing campaign deployed by reemerging TA866***

Source: <https://www.scmagazine.com/brief/widespread-phishing-campaign-deployed-by-reemerging-ta866>

From the Article: "Threat operation TA866 has reemerged with a new massive phishing campaign aimed at North America after being absent from the threat landscape for nine months, The Hacker News reports."

### ***Hackers Drain Wallets via Cracked macOS Apps using Scripts Accessed From DNS Records***

Source: <https://www.cysecurity.news/2024/01/hackers-drain-wallets-via-cracked-macos.html>

From the Article: "Hackers have found another clever way to transfer information-stealing malware to macOS users, apparently through DNS records that could hide malicious scripts."

### ***QR Code Scammers are Changing Tactics to Evade Detection***

Source: <https://securityboulevard.com/?p=2006752>

From the Article: "Check Point researchers last year saw a 587% increase between August and September of phishing attacks enticing unsuspecting targets to click on QR codes that then redirect them to malicious pages used for harvesting credentials."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

### ***Ukraine Arrests Hacker for Assisting Russian Missile Strikes***

Source: <https://www.infosecurity-magazine.com/news/ukraine-arrests-hacker-russian/>

From the Article: "Ukraine's security services said that the IT specialist from Kharkiv targeted government websites and provided intelligence to Russia to carry out missile strikes"

### ***5.3k Servers Still Vulnerable To GitLab Password Reset Flaw***

Source: <https://www.scmagazine.com/news/gitlab-password-reset-bug-leaves-more-than-5-3k-servers-up-for-grabs>

From the Article: "Critical GitLab vulnerability CVE-2023-7028 was not patched on more than 5,300 servers as of Tuesday, potentially enabling remote takeover of software developers' accounts."

### ***Interview with the Knight Group, the heir of Cyclops - DataBreaches.net***

Source: <https://www.databreaches.net/interview-with-the-knight-group-the-heir-of-cyclops/>

From the Article: "It happens very often nowadays to witness the sudden disappearance of ransomware groups that have been active for only a few months. "

### ***Ransomware Attack: Fitch Ratings Warns of Credit Implications As Cyber Attacks Pose Risks ...***

Source: <https://www.latestly.com/agency-news/business-news-fitch-ratings-warns-of-credit-implications-as-cyber-attacks-pose-risks-to-structured-finance-deals-5720319.html>

From the Article: "New Delhi, January 26: Fitch Ratings has raised concerns about the potential credit implications for structured finance (SF) transactions in the face of cyber-attacks, even if these attacks do not directly lead to payment defaults."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

**Microsoft releases first Windows Server 2025 preview build**

Source: <https://www.bleepingcomputer.com/news/microsoft/microsoft-releases-first-windows-server-2025-preview-build/>

From the Article: "Microsoft has released Windows Server Insider Preview 26040, the first Windows Server 2025 build for admins enrolled in its Windows Insider program."

**New Leaks Expose Web of Iranian Intelligence and Cyber Companies**

Source: <https://www.infosecurity-magazine.com/news/leaks-iran-intelligence-cyber/>

From the Article: "New evidence shows that Iran's intelligence and military services are associated with cyber activities targeting Western countries through their network of contracting companies"

**Bastille Raises \$44M Series C Investment Led by Goldman Sachs Asset Management**

Source: <https://www.darkreading.com/threat-intelligence/bastille-raises-44m-series-c-investment-led-by-goldman-sachs-asset-management>

From the Article: "Bastille Networks, Inc., a leading supplier of wireless threat intelligence technology to high-tech, banking, and the intelligence community, is pleased to announce a Series C investment of \$44 million, led by its new investor:"

**ICS Ransomware Danger Rages Despite Fewer Attacks - Dark Reading**

Source: <https://www.darkreading.com/ics-ot-security/ics-ransomware-rages-fewer-attacks>

From the Article: "Despite takedowns of top ransomware groups, those remaining threat actors have continued to develop new tricks, while maintaining their ability to capitalize on zero-day vulnerabilities, helping them do more damage to industrial control systems (ICS) with fewer attacks, according to new research."

**Kahua Announces Data Breach Following Ransomware Attack - JD Supra**

Source: <https://www.jdsupra.com/legalnews/kahua-announces-data-breach-following->

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

[2738256/](#)

From the Article: "On December 15, 2023, Kahua filed a notice of data breach with the Attorney General of Vermont after discovering that the company had fallen victim to a ransomware attack."

### ***\$10 billion cyber-insurance sector fears war, AI, ransomware ahead | Fortune***

Source: <https://fortune.com/2024/01/26/cyber-insurance-industry-10-billion-dangerous-year-in-cybercrime-ahead-ai-ransomware-and-war-are-its-biggest-concerns/>

From the Article: "The ongoing wars in Ukraine and Gaza have insurers on such high alert that many simply aren't offering coverage any longer, on top of which AI is creating new and unpredictable cybersecurity risks"

### ***Therapy Provider Notifying 4 Million Patients of PJ&A Hack***

Source: <https://www.bankinfosecurity.com/therapy-provider-notifying-4-million-patients-pja-hack-a-24200>

From the Article: "A Texas-based physical and occupational therapy provider is notifying nearly 4 million patients that they have joined the soaring tally of victims of a data theft incident at a Nevada medical transcription vendor last year."

### ***Civil Society Sounds Alarms on UN Cybercrime Treaty***

Source: <https://www.bankinfosecurity.com/civil-society-sounds-alarms-on-un-cybercrime-treaty-a-24201>

From the Article: "A draft international cybercrime treaty set to enter a final round of negotiations at the United Nations Monday drew condemnation from civil society groups that said it will criminalize security research and promote indiscriminate police surveillance."

### ***New strain of the Phobos ransomware discovered in VBA script | SC Media***

Source: <https://www.scmagazine.com/news/new-strain-of-the-phobos-ransomware-discovered-in-vba-script>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "A new variant of the Phobos ransomware called "FAUST" was discovered, one that's a concern because it can maintain persistence in a network environment and creates multiple threads for efficient execution."

### ***Microsoft sheds some light on Russian email heist – and how to learn from Redmond's mistakes***

Source: [https://www.theregister.com/2024/01/27/microsoft\\_cozy\\_bear\\_mfa/](https://www.theregister.com/2024/01/27/microsoft_cozy_bear_mfa/)

From the Article: "Microsoft, a week after disclosing that Kremlin-backed spies broke into its network and stole internal emails and files from its executives and staff, has now confirmed the compromised corporate account used in the genesis of the heist didn't even have multi-factor authentication (MFA) enabled."

### ***MyPertamina - 5,970,416 breached accounts***

Source: <https://haveibeenpwned.com/PwnedWebsites#MyPertamina>

From the Article: "In November 2022, the Indonesian oil and gas company Pertamina suffered a data breach of their MyPertamina service."

### ***Ransomware In Virtual Machines - TrendTIC TrendTIC - Nation World News***

Source: <https://nationworldnews.com/ransomware-in-virtual-machines-trendtictrendtic/>

From the Article: "It is not new that virtual machines were affected by cyber attacks generated by some ransomware, similarly a few years ago we learned how cyber criminals tried to exploit some VMware ESXi vulnerabilities or the recent IFX incident where The company had reported their virtual machines were affected"

### ***Cyberattacks impact Ukrainian state-owned critical infrastructure orgs | SC Media***

Source: <https://www.scmagazine.com/brief/cyberattacks-impact-ukrainian-state-owned-critical-infrastructure-orgs>

From the Article: "Cyberattacks were disclosed by some Ukrainian state-owned critical infrastructure entities, including oil and gas firm Naftogaz, transport safety agency

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

DSBT, national postal service provider Ukrposhta, and state railway Ukrzaliznytsia, according to The Record, a news site by cybersecurity firm Recorded Future."

### ***AllaKore RAT Malware Targeting Mexican Firms with Financial Fraud Tricks***

Source: <https://thehackernews.com/2024/01/allakore-rat-malware-targeting-mexican.html>

From the Article: "Mexican financial institutions are under the radar of a new spear-phishing campaign that delivers a modified version of an open-source remote access trojan called AllaKore RAT."

### ***Intel Arc Battlemage Laptop GPUs Allegedly Cancelled: Arc B770 to Feature 8192 Cores?***

Source: <https://www.hardwaretimes.com/intel-arc-battlemage-laptop-gpus-allegedly-cancelled-arc-b770-to-feature-8192-cores/>

From the Article: "Intel has allegedly canceled the Arc Battlemage mobile GPUs after Alchemist failed to make a difference in the otherwise lucrative segment."

### ***Intel's Fab 9 Will Allow the Chipmaker to Produce a Viable Rival to AMD's 3D V-Cache***

Source: <https://www.hardwaretimes.com/intels-fab-9-will-allow-the-chipmaker-to-produce-a-viable-rival-to-amds-3d-v-cache/>

From the Article: "Earlier this week, Intel announced the opening of Fab 9, its first high-volume factory dedicated to advanced semiconductor packaging solutions, including 3D packaging technologies."

### ***Ottawa-based cyberfraudster sentenced to 2 years | CBC News***

Source: <https://www.cbc.ca/news/canada/ottawa/matthew-philbert-ransomware-cybersecurity-court-sentencing-1.7096493>

From the Article: "An Ottawa man convicted on charges related to a ransomware attack affecting hundreds of victims was sentenced to two years behind bars on Friday."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



***X Launches Secure Login with Passkey for iOS Users in US***

Source: <https://www.cysecurity.news/2024/01/x-launches-secure-login-with-passkey.html>

From the Article: "X (formerly known as Twitter) is set to allow users to login in with a passkey rather than a password, but only on iOS devices."

***Fortra's GoAnywhere MFT Software Faces Exploitation, No Evidence of Active Exploitation Detected***

Source: <https://www.cysecurity.news/2024/01/fortras-goanywhere-mft-software-faces.html>

From the Article: "Reports on the exploitation of Fortra's GoAnywhere MFT file transfer software raised concerns due to the potential development of exploit code from a publicly released Proof of Concept (PoC)."

***Algorand X account hacker brags they're still in control after 'taking a nap' - Protos***

Source: <https://protos.com/algorand-x-account-hacker-brags-theyre-still-in-control-after-taking-a-nap/>

From the Article: "The hacker who took over the X (formerly Twitter) account belonging to Algorand's CEO is gloating that they were able to take a nap in the 11 hours since the foundation announced it would kick them out."

***One of the world's biggest web hosting companies revealed that it eradicated nearly ... - TechRadar***

Source: <https://www.techradar.com/pro/one-of-the-worlds-biggest-web-hosting-companies-revealed-that-it-eradicated-nearly-500-million-pieces-malware-in-2023-a-staggering-250-instances-per-customer>

From the Article: "Top web hosting company Hostinger says that 2023 proved to be a particular bumper year for malware, as its Monarx powered scanner service successfully identified and cleaned close to 500 million threats through the year, which equates to 250 instances per customer."

***[Link back to Table of Contents](#)***

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***HEAL Security secures \$4.6 million in funding for healthcare cybersecurity***

Source: <https://mugglehead.com/heal-security-secures-4-6-million-in-funding-for-healthcare-cybersecurity/>

From the Article: "In a significant development for healthcare cybersecurity, HEAL Security , a Menlo Park-based company, has successfully closed a funding round, raising \$4.6 million in pre-seed funding."

***Clay County issues 2nd notice of data breach - Minnesota - InForum***

Source: <https://www.inforum.com/news/minnesota/clay-county-issues-2nd-notice-of-data-breach>

From the Article: "Clay County issued a second notice to those impacted by a data breach that exposed residents' identifying information to cyber criminals."

***HP Enterprise Reveals Hack Conducted by State-backed Russian Hackers***

Source: <https://www.cysecurity.news/2024/01/hp-enterprise-reveals-hack-conducted-by.html>

From the Article: "Hewlett Packard (HP) enterprise reported on Wednesday that alleged state-backed Russian hackers have attacked its cloud-based email system and stolen security and employees' data."

***Shadowy world of ransomware-for-hire revealed by online account activity linked to ... - The Guardian***

Source: <https://www.theguardian.com/australia-news/2024/jan/28/shadowy-world-of-ransomware-for-hire-revealed-by-online-account-activity-linked-to-the-medibank-hack>

From the Article: "The government has named 33-year-old Aleksandr Gennadievich Ermakov, a Russian citizen, IT worker and alleged cybercriminal, in new sanctions legislation in connection with the most damaging cyberattack on Australians in 2022."

***New Ransomware Reporting Requirements Kick in as Victims Increasingly Avoid Paying***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://securityboulevard.com/2024/01/new-ransomware-reporting-requirements-kick-in-as-victims-increasingly-avoid-paying/>

From the Article: "Table of Contents Ransomware Bans Payment Rates Types of Ransomware Attack Vectors & TTPs Industries Impacted As the year turns, and weary defenders begin to worry about what new threats will present themselves in 2024, the conversation of ransomware payment bans has resurfaced."

### ***New Soap2day Domains Emerge Despite Legal Challenges***

Source: <https://www.hackread.com/new-soap2day-domains-emerge-legal-challenges/>

From the Article: "Soap2day permanently shut down in June 2023 – While the official site and its major mirror sites closed down, it seems like some copycats or imitators have emerged using new domains to offer similar illegal streaming services."

### ***Anduril Is Helping The Air Force To Develop Its Loyal Wingman Drone***

Source: <https://www.thedrive.com/the-war-zone/anduril-is-helping-the-air-force-to-develop-its-loyal-wingman-drone>

From the Article: "Anduril is one of five companies now working on the Collaborative Combat Aircraft program, which is a top priority for the Air Force."

### ***AI-Guided Integrated Resource Optimization for Mission Readiness***

Source: <https://www.defensenews.com/native/virtualitics/2024/01/25/ai-guided-integrated-resource-optimization-for-mission-readiness/>

From the Article: "Predictive maintenance has steadily been adopted across maintenance operations teams because it helps leaders figure out “what’s about to happen.” While those predictive maintenance systems provide increased visibility, they don’t always help organizations achieve their mission readiness goals."

### ***AI-enabled Valkyrie drone teases future of US Air Force fleet***

Source: <https://www.c4isrnet.com/unmanned/uas/2024/01/18/ai-enabled-valkyrie-drone-teases-future-of-us-air-force-fleet/>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "The testing of sophisticated software aboard an XQ-58A Valkyrie drone will influence how the U.S. Air Force develops and deploys autonomous technology in the near future, according to a service official."

### ***Will our AI-powered killer robots turn on us?***

Source: <https://www.defensenews.com/video/2024/01/19/will-our-ai-powered-killer-robots-turn-on-us-defense-news-weekly-full-episode-12024/>

From the Article: "A look at the future of AI-driven military tech, and the risk of any doomsday-like scenarios. Plus, the Marine mascot gets a promotion."

### ***Nvidia founder Jensen Huang meets with TSMC counterparts to discuss AI***

Source: <https://www.taipeitimes.com/News/biz/archives/2024/01/27/2003812673>

From the Article: "Nvidia Corp chief executive officer Jensen Huang (黃仁勳) met with his counterpart at Taiwan Semiconductor Manufacturing Co (TSMC, 台積電) this week to discuss artificial intelligence (AI) chip supply constraints, a major challenge to the AI boom that got going last year."

### ***UMC shares tumble despite Intel deal***

Source: <https://www.taipeitimes.com/News/biz/archives/2024/01/27/2003812669>

From the Article: "United Microelectronics Corp (UMC, 聯電) saw its shares tumble 4.78 percent despite its newly announced collaboration with Intel Corp on 12-nanometer technology, helping the Taiwanese chipmaker secure much-needed advanced chip capacity in the US."

### ***German semiconductor students to arrive in March***

Source: <https://www.taipeitimes.com/News/biz/archives/2024/01/26/2003812621>

From the Article: "Thirty students from the German state of Saxony are to arrive in Taiwan in March to receive training in semiconductor manufacturing, visiting Saxony Minister of Science, Culture and Tourism Sebastian Gemkow said in Taipei on [Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Wednesday."

### ***Economy to grow 3.5 percent in 2024: DBS Bank***

Source: <https://www.taipeitimes.com/News/biz/archives/2024/01/26/2003812619>

From the Article: "Singapore-based DBS Bank yesterday predicted that Taiwan's GDP growth this year would expand at an annual rate of 3.5 percent, a marked improvement from last year's estimated 1.1 percent, on the back of a recovery in exports and private investment."

### ***Greenpeace urges end to renewable energy monopoly***

Source: <https://www.taipeitimes.com/News/taiwan/archives/2024/01/25/2003812601>

From the Article: "Greenpeace on Tuesday called for the near monopolization of domestic renewable energy supply by Taiwan Power Co (Taipower) to be replaced by a framework that better supports the self-generation of green electricity by private enterprises."

### ***Economy could expand 3.1 percent this year: CIER***

Source: <https://www.taipeitimes.com/News/biz/archives/2024/01/25/2003812572>

From the Article: "Taiwan's economy is forecast to expand 3.1 percent this year, following a sluggish 1.41 percent uptick last year, as private investment and exports would come out of the woods while private consumption remains healthy, the Chung-Hua Institution for Economic Research (CIER, 中華經濟研究院) said yesterday."

### ***China Steel Chemical to triple graphite capacity***

Source: <https://www.taipeitimes.com/News/biz/archives/2024/01/25/2003812571>

From the Article: "China Steel Chemical Corp (中碳), a subsidiary of steelmaker China Steel Corp (中鋼), yesterday said it plans to triple its mesophase graphite powder capacity this year to meet growing demand for lithium batteries used in electric buses, racing cars and storage systems for wind turbines."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

**ASML annual profits surge to US\$8.5bn**

Source: <https://www.taipeitimes.com/News/biz/archives/2024/01/25/2003812570>

From the Article: "Dutch tech giant ASML Holding NV, which supplies chipmaking machines to the semiconductor industry, yesterday reported a rise in annual net profit despite a high-tech trade spat between China and the West."

**Prosecutors probing Ponzi scheme targeting TSMC employees**

Source: <https://www.taipeitimes.com/News/taiwan/archives/2024/01/24/2003812566>

From the Article: "A former Taiwan Semiconductor Manufacturing Co (TSMC) engineer has been detained on suspicion of involvement in an investment scam that defrauded up to NT\$6.5 billion (US\$207.48 million) from 4,000 people."

**December electricity use increases 1.61% annually**

Source: <https://www.taipeitimes.com/News/biz/archives/2024/01/24/2003812527>

From the Article: "Electricity use in Taiwan last month increased 1.61 percent from a year earlier, the fastest growth in 20 months, buoyed by local makers of electronics used in artificial intelligence (AI) applications, the Taiwan Research Institute (台灣綜合研究院) said yesterday."

**Industrial production index down 12.45% in 2023**

Source: <https://www.taipeitimes.com/News/biz/archives/2024/01/24/2003812526>

From the Article: "The industrial production index fell 12.45 percent annually last year after it fell by a faster-than-expected 3.99 percent last month amid a shortage of artificial intelligence (AI) chips from Nvidia Corp, which curtailed server production, while inventory adjustments at foundry and printed circuit board firms continued, the Ministry of Economic Affairs said yesterday."

**Ottawa-based cyberfraudster sentenced to 2 years - DataBreaches.net**

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.databreaches.net/ottawa-based-cyberfraudster-sentenced-to-2-years/>

From the Article: "An Ottawa man convicted on charges related to a ransomware attack affecting hundreds of victims was sentenced to two years behind bars on Friday."

### ***Machine tool exports tipped to be flat or rise slightly***

Source: <https://www.taipeitimes.com/News/biz/archives/2024/01/24/2003812525>

From the Article: "Exports by Taiwanese machine tool manufacturers are expected to remain flat or grow slightly this year after outbound shipments fell 14 percent annually to US\$2.6 billion last year amid a slowing global economy and geopolitical tensions, the Taiwan Machine Tool and Accessory Builders' Association said yesterday."

### ***ProLogium touts new EV battery plant in Taoyuan***

Source: <https://www.taipeitimes.com/News/biz/archives/2024/01/24/2003812524>

From the Article: "ProLogium Technology Co (輝能科技) expects the first electric vehicle (EV) equipped with its solid-state lithium battery to hit the road later this year, the company said yesterday in Taoyuan as it launched the world's first factory for solid-state batteries for commercial use."

### ***EDITORIAL: Taiwan-Japan trade only to expand***

Source: <https://www.taipeitimes.com/News/editorials/archives/2024/01/23/2003812484>

From the Article: "Taiwan's partnerships with Japan in the semiconductor sector is solidifying, as reflected in Taiwan Semiconductor Manufacturing Co's (TSMC) latest attempt to gear up its global manufacturing footprint expansions. The world's biggest contract chipmaker last week said that it was "seriously considering" building a second fab in Japan after the construction of its first fab in Kumamoto went smoothly and is scheduled to open on Feb. 24 before cranking out its first chips by the end of this year."

### ***PixPirate: The Brazilian financial malware you can't see***

Source: <https://securityintelligence.com/posts/pixpirate-brazilian-financial-malware/>  
[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "The constantly mutating PixPirate malware has taken that strategy to a new extreme."

***China buys US\$40 billion in gear to skirt US controls***

Source: <https://www.taipeitimes.com/News/biz/archives/2024/01/23/2003812482>

From the Article: "China's imports of chipmaking machines jumped last year as firms ramped up investment in an attempt to get around US-led efforts to hobble the nation's semiconductor industry."

***TSMC still eyeing 1nm fab venues following report***

Source: <https://www.taipeitimes.com/News/biz/archives/2024/01/23/2003812479>

From the Article: "Taiwan Semiconductor Manufacturing Co (TSMC, 台積電) said yesterday it was still considering venue options for its new advanced wafer fab, contrary to a local media report earlier in the day that the chipmaker was planning to build a 1-nanometer wafer plant in Chiayi County."

***Hon Hai announces joint semiconductor OSAT venture with India's HCL Group***

Source: <https://www.taipeitimes.com/News/biz/archives/2024/01/20/2003812343>

From the Article: "Hon Hai Precision Industry Co (鴻海精密), also known as Foxconn Technology Group (富士康科技集團) internationally, on Wednesday announced a semiconductor packaging and testing service joint venture with India's HCL Group."

***AllaKore RAT: Malware Target Mexican Banks and Crypto Platforms***

Source: <https://www.cysecurity.news/2024/01/allakore-rat-malware-target-mexican.html>

From the Article: "Mexican financial institutions are suffering attacks by a new spear-phishing campaign, spreading a modified version of an open-source remote access trojan named 'AllaKore RAT'."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



### ***Foreign investors in about-face over Taiwan stocks***

Source: <https://www.taipeitimes.com/News/biz/archives/2024/01/20/2003812341>

From the Article: "Foreign investors have made an about-face in their Taiwan stock investments this week, thanks to a blowout earnings result from Taiwan Semiconductor Manufacturing Co (TSMC, 台積電)."

### ***US aid office in Colombia reports its Facebook page was hacked - Houston Chronicle***

Source: <https://www.houstonchronicle.com/news/world/article/us-aid-office-in-colombia-reports-its-facebook-18633803.php>

From the Article: "The statement did not identify the risk or explain if the breach involved ransomware ."

### ***Minnesota county service clients' sensitive information compromised in ransomware attack***

Source: <https://www.startribune.com/minnesota-county-service-clients-sensitive-information-compromised-in-ransomware-attack/600339199/>

From the Article: "A Minnesota county network was subjected to a ransomware attack that may have compromised county service clients' Social Security numbers, insurance information and other sensitive data, Clay County explained on its website Friday."

### ***UMC shares tumble despite Intel deal***

Source: <https://www.taipeitimes.com/News/biz/archives/2024/01/27/2003812669>

From the Article: "United Microelectronics Corp (UMC, 聯電) saw its shares tumble 4.78 percent despite its newly announced collaboration with Intel Corp on 12-nanometer technology, helping the Taiwanese chipmaker secure much-needed advanced chip capacity in the US."

### ***Economy to grow 3.5 percent in 2024: DBS Bank***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.taipeitimes.com/News/biz/archives/2024/01/26/2003812619>

From the Article: "Singapore-based DBS Bank yesterday predicted that Taiwan's GDP growth this year would expand at an annual rate of 3.5 percent, a marked improvement from last year's estimated 1.1 percent, on the back of a recovery in exports and private investment."

### ***750 million Indian mobile subscribers' info for sale on dark web***

Source: [https://www.theregister.com/2024/01/28/asia\\_tech\\_news\\_roundup/](https://www.theregister.com/2024/01/28/asia_tech_news_roundup/)

From the Article: "Asia In Brief Indian infosec firm CloudSEK last week claimed it found records describing 750 million Indian mobile network subscribers on the dark web, with two crime gangs offering the trove of data for just \$3,000."

### ***Intel issues bleak forecast***

Source: <https://www.taipeitimes.com/News/biz/archives/2024/01/27/2003812671>

From the Article: "Intel Corp, the largest maker of computer processors, tumbled in late trading on Thursday after giving a disappointing forecast for this quarter, signaling that it continues to struggle to defend its once-dominant position in data center chips."

### ***Chainalysis Reveals Decline in Crypto Crime, Stablecoins Emerge as Preferred Choice***

Source: <https://techstory.in/chainalysis-reveals-decline-in-crypto-crime-stablecoins-emerge-as-preferred-choice/>

From the Article: "In its latest report, blockchain analysis firm Chainalysis reveals a decline in crypto crime, accompanied by a surprising shift in currency preference among cyber criminals."

### ***UMC shares tumble despite Intel deal***

Source: <https://www.taipeitimes.com/News/biz/archives/2024/01/27/2003812669>

From the Article: "United Microelectronics Corp (UMC, 聯電) saw its shares tumble 4.78 percent despite its newly announced collaboration with Intel Corp on 12-nanometer

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

technology, helping the Taiwanese chipmaker secure much-needed advanced chip capacity in the US."

***UK: Coventry school reprimanded for data breach after IT system 'hacked three times'***

Source: <https://www.databreaches.net/uk-coventry-school-reprimanded-for-data-breach-after-it-system-hacked-three-times/>

From the Article: "A Coventry school has been reprimanded for data breaches after its IT system was 'hacked three times'."

***Microsoft Might Be Sharing Your Outlook Emails Without Your Knowledge***

Source: <https://www.cysecurity.news/2024/01/microsoft-might-be-sharing-your-outlook.html>

From the Article: "Microsoft's data collection practices are under scrutiny, as a recent report suggests the Outlook for Windows app might be sharing more user information than expected."

***MUN President Confirms: Ransomware was Behind Cyberattack on Their Grenfell Campus***

Source: <https://www.cysecurity.news/2024/01/mun-president-confirms-ransomware-was.html>

From the Article: "MUN president Neil Bose told CBC News on Wednesday that the hack on December 29 encrypted Grenfell's servers' data and prevented users from accessing it."

***Meta is Collecting Consumers Data from Thousands of Firms***

Source: <https://www.cysecurity.news/2024/01/meta-is-collecting-consumers-data-from.html>

From the Article: "The Markup, an American nonprofit news publication, says the study found that Meta collected data from an average of 2,230 companies."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***Nvidia CEO tours China offices amid US curbs***

Source: <https://www.taipeitimes.com/News/biz/archives/2024/01/23/2003812481>

From the Article: "Nvidia Corp cofounder Jensen Huang (黃仁勳) celebrated the new year with staff during his first trip to China in four years, a low-key tour that coincided with growing concerns about Beijing's ability to get around US chip restrictions."

***Export orders drop for a second consecutive year amid global woes***

Source: <https://www.taipeitimes.com/News/biz/archives/2024/01/23/2003812478>

From the Article: "Export orders last year contracted at a steeper rate of 15.9 percent annually to about US\$561.04 billion after the data drifted into negative territory again last month, as a wobbling global economy weighed on consumer spending and a supply chain inventory correction cycle lingered, the Ministry of Economic Affairs said yesterday."

***Liquid RAM Flexes for Wearables, Robots, Implants***

Source: <https://spectrum.ieee.org/flexible-electronics-flexram>

From the Article: "Now researchers from Tsinghua University, in Beijing, have developed a fully flexible resistive random-access-memory device, dubbed FlexRAM, that offers another approach: a liquid one."

***Watch out for "I can't believe he is gone" Facebook phishing posts***

Source: <https://www.bleepingcomputer.com/news/security/watch-out-for-i-cant-believe-he-is-gone-facebook-phishing-posts/>

From the Article: "A widespread Facebook phishing campaign stating, "I can't believe he is gone. I'm gonna miss him so much," leads unsuspecting users to a website that steals your Facebook credentials"

***Australia identifies hacker behind major cyberattack***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.taipeitimes.com/News/front/archives/2024/01/24/2003812542>

From the Article: "Australia has identified the Russian mastermind behind a crippling cyberattack, unmasking the 33-year-old hacker for the first time yesterday and linking him to an international crime syndicate."

### ***Fortinet: Ransomware incidents surge in the Philippines - Back End News***

Source: <https://backendnews.net/fortinet-ransomware-incidents-surge-in-the-philippines/>

From the Article: "Recent data released by cybersecurity solutions provider Fortinet indicates a doubling of ransomware incidents across the Philippines."

### ***European solar struggles against Chinese panels***

Source: <https://www.taipeitimes.com/News/biz/archives/2024/01/22/2003812428>

From the Article: "Europe's solar industry is facing its deepest crisis in more than a decade as steep competition from China erodes manufacturing in the sector, rendering the continent's hope of greater energy independence even more wishful."

### ***Without clear guidance, SEC's new rule on incident reporting may be detrimental***

Source: <https://www.helpnetsecurity.com/2024/01/22/cybersecurity-incidents-sec-guidelines/>

From the Article: "The SEC has instituted a set of guidelines "requiring registrants to disclose material cybersecurity incidents they experience and to disclose on an annual basis material information regarding their cybersecurity risk management, strategy, and governance."

### ***NTUH lauds AI pancreatic cancer breakthrough***

Source: <https://www.taipeitimes.com/News/taiwan/archives/2024/01/24/2003812554>

From the Article: "National Taiwan University Hospital (NTUH) yesterday said its pancreatic cancer team has developed an artificial intelligence (AI)-assisted model for interpreting computed tomography (CT) scans, which can detect pancreatic cancer

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

more accurately and at earlier stages."

***ams OSRAM launches SYNIOS P1515 automotive signaling LEDs***

Source: [https://www.semiconductor-today.com/news\\_items/2024/jan/amsosram-220124.shtml](https://www.semiconductor-today.com/news_items/2024/jan/amsosram-220124.shtml)

From the Article: "ams OSRAM GmbH of Premstätten, Austria and Munich, Germany has launched a series of sidelooker, low-power LEDs that, it claims, simplify design, are easier to implement and enables the creation of a homogeneous appearance in extended light bars and other automotive rear lighting applications."

***US to announce billions in subsidies for advanced chips: WSJ***

Source: [https://www.koreatimes.co.kr/www/world/2024/01/501\\_367708.html](https://www.koreatimes.co.kr/www/world/2024/01/501_367708.html)

From the Article: "The Biden administration is expected to award billions of dollars in subsidies to top semiconductor companies including Intel, and Taiwan Semiconductor Manufacturing Co in the coming weeks to help build new factories in the United States, the Wall Street Journal reported Saturday."

***First Solar acquires facility for use as distribution center to serve expanding Ohio manufacturing footprint***

Source: [https://www.semiconductor-today.com/news\\_items/2024/jan/firstsolar-220124.shtml](https://www.semiconductor-today.com/news_items/2024/jan/firstsolar-220124.shtml)

From the Article: "Formerly known as Peloton Output Park, the facility is expected to be repurposed into a new distribution center serving First Solar's Ohio manufacturing footprint, which comprises three manufacturing facilities with a combined annual nameplate capacity of about 6GW at the end of 2023."

***Hanjin poised for aggressive overseas expansion in 2024***

Source: [https://www.koreatimes.co.kr/www/tech/2024/01/129\\_367667.html](https://www.koreatimes.co.kr/www/tech/2024/01/129_367667.html)

From the Article: "Hanjin announced a strategic initiative on Friday to enhance global expansion by increasing the number of its overseas logistics bases to 42 across 22

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

countries this year. The move is aimed at establishing more robust distribution networks, particularly strengthening connections between Asia and Europe."

***High prices, project financing woes to hamper Korea's growth in 2024: experts***

Source: [https://www.koreatimes.co.kr/www/biz/2024/01/602\\_367625.html](https://www.koreatimes.co.kr/www/biz/2024/01/602_367625.html)

From the Article: "Stronger-than-expected chip exports will not be able to offset the country's weak consumption brought on by high prices, high interest rates and a sustained construction slowdown amid real estate project financing woes, experts said Thursday."

***Korea to spend \$74.9 mil. in 2024 for reshoring companies***

Source: [https://www.koreatimes.co.kr/www/tech/2024/01/129\\_367429.html](https://www.koreatimes.co.kr/www/tech/2024/01/129_367429.html)

From the Article: "Korea's industry ministry said Tuesday it plans to spend 100 billion won (\$74.9 million) this year to support local businesses seeking to bring their production back home from overseas."

***China enters hi-tech imaging race with new 'core' electron microscope for semiconductor industry***

Source: [https://www.koreatimes.co.kr/www/world/2024/01/501\\_367351.html](https://www.koreatimes.co.kr/www/world/2024/01/501_367351.html)

From the Article: "A Chinese research laboratory has developed its own version of a "choke point" technology critical to the semiconductor industry, opening the way for domestic production, according to state media."

***Egress report highlights rising concern over phishing threats - SecurityBrief New Zealand***

Source: <https://securitybrief.in/story/egress-report-highlights-rising-concern-over-phishing-threats>

From the Article: "The increasingly insecure cyber landscape has cast a spotlight on the escalating threat of complex phishing attempts. "

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***LockBit confirms Foxsemicon ransomware attack - Cyber Daily***

Source: <https://www.cyberdaily.au/security/10060-lockbit-confirms-foxsemicon-ransomware-attack>

From the Article: "Ransomware gang LockBit has claimed responsibility for the hack – and has shared employee passports and financial data to prove it."

***Ransomware Sends Doctors to Court Over \$50 Patient Extortion - Bloomberg Law News***

Source: <https://news.bloomberglaw.com/privacy-and-data-security/ransomware-sends-doctors-to-court-over-50-patient-extortion>

From the Article: "Pilfered snapshots of patients baring their bodies ahead of life-saving cancer operations and plastic surgeries are unexpectedly landing in the vast landscape of the public internet after cyberattacks, as hackers seek new ways to turn a profit."

***DarkGate Malware Abuses AutoIT Scripting For Payload Obfuscation***

Source: <https://gbhackers.com/darkgate-malware-abuses-autoit/>

From the Article: "DarkGate is a type of malware that employs Auto-It compiled loaders that cause a considerable threat because of its advanced evasion strategies and persistence within compromised systems."

***World Bank chief stresses population growth to sustain future***

Source: [https://www.koreatimes.co.kr/www/biz/2024/01/602\\_367630.html](https://www.koreatimes.co.kr/www/biz/2024/01/602_367630.html)

From the Article: "Populations need to grow in Korea and elsewhere to ensure a sustainable future, the chief of the World Bank said Thursday, amid a falling fertility rate in the country."

***SK hynix vows to solidify leadership in high-growth AI chip market***

Source: [https://www.koreatimes.co.kr/www/tech/2024/01/129\\_367621.html](https://www.koreatimes.co.kr/www/tech/2024/01/129_367621.html)

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



From the Article: "SK hynix, which was negatively affected by the global memory semiconductor recession last year, has managed to bounce back by recording a profit in the fourth quarter for the first time in five quarters, showing signs of a recovery in the memory semiconductor market, the company said Thursday."

### ***Data Disaster: 35M Customers in Peril as VF's Breach Unveils***

Source: <https://www.cysecurity.news/2024/01/data-disaster-35m-customers-in-peril-as.html>

From the Article: "With its 13 brands, VF Corporation is one of the largest global apparel and footwear companies in the world."

### ***New NTLM Hash Leak Attacks Target Outlook, Windows Programs***

Source: <https://www.securityweek.com/new-ntlm-hash-leak-attacks-target-outlook-windows-programs/>

From the Article: "Varonis finds one vulnerability and three attack methods that can be used to obtain NTLM hashes via Outlook and two Windows programs."

### ***2 Koreans caught for suspected smuggling of US chips to China***

Source: [https://www.koreatimes.co.kr/www/nation/2024/01/113\\_367594.html](https://www.koreatimes.co.kr/www/nation/2024/01/113_367594.html)

From the Article: "Korea's customs agency said Thursday it has caught two Koreans for allegedly smuggling semiconductor chips produced by an American manufacturer to China worth more than 10 billion won (\$7.48 million)."

### ***SK hynix swings to Q4 operating profit on rising demand for premium chips***

Source: [https://www.koreatimes.co.kr/www/tech/2024/01/129\\_367586.html](https://www.koreatimes.co.kr/www/tech/2024/01/129_367586.html)

From the Article: "SK hynix said Thursday it swung to a profit in the fourth quarter of last year on the back of rising demand for premium memory chip products."

### **[Link back to Table of Contents](#)**

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

### ***Info Stealing Packages Hidden in PyPI***

Source: <https://www.fortinet.com/blog/threat-research/info-stealing-packages-hidden-in-pypi>

From the Article: "An info-stealing PyPI malware author was identified discreetly uploading malicious packages. "

### ***Industry minister calls for export diversification***

Source: [https://www.koreatimes.co.kr/www/biz/2024/01/602\\_367523.html](https://www.koreatimes.co.kr/www/biz/2024/01/602_367523.html)

From the Article: "Korea's industry minister on Wednesday called for diversifying the country's export portfolio to adapt to the global supply chain reshuffle and achieve this year's record shipment target."

### ***Captchaone.azurewebsites.net ads***

Source: <https://www.2-spyware.com/remove-captchaone-azurewebsites-net-ads.html>

From the Article: "a deceitful website that attempts to scan its visitors  
Captchaone.azurewebsites.net is a website known for utilizing push notification scams to mislead its users."

### ***S. Korea, US hold 1st joint cyber security drill***

Source: [https://www.koreatimes.co.kr/www/nation/2024/01/113\\_367685.html](https://www.koreatimes.co.kr/www/nation/2024/01/113_367685.html)

From the Article: "South Korea and the United States have conducted their first cyber security drills to bolster their joint posture against rising cyber threats, the defense ministry said Friday."

### ***AI emerges as top cybersecurity issue in 2024: Samsung SDS***

Source: [https://www.koreatimes.co.kr/www/tech/2024/01/129\\_367531.html](https://www.koreatimes.co.kr/www/tech/2024/01/129_367531.html)

From the Article: "Samsung SDS has warned its corporate customers to prepare for increased security threats due to the rise of generative AI, which is one of the

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

cybersecurity threats to watch out for this year, according to the company, Wednesday."

### ***Password purgatory***

Source: [https://www.koreatimes.co.kr/www/opinion/2024/01/137\\_367127.html](https://www.koreatimes.co.kr/www/opinion/2024/01/137_367127.html)

From the Article: "For security and privacy, I am struggling daily to regain some control over my password's structures. Passwords have progressed from a security purpose to a security liability, at least for me."

### ***Local shares lose luster due to high returns of US, Japanese stock markets***

Source: [https://www.koreatimes.co.kr/www/biz/2024/01/602\\_367678.html](https://www.koreatimes.co.kr/www/biz/2024/01/602_367678.html)

From the Article: "A growing number of local investors are increasing their holdings of U.S. and Japanese market shares, frustrated by the stagnant performance of Korean bourses, market watchers said Friday."

### ***Samsung deploys premium marketing in India to retain top spot***

Source: [https://www.koreatimes.co.kr/www/tech/2024/01/129\\_367556.html](https://www.koreatimes.co.kr/www/tech/2024/01/129_367556.html)

From the Article: "Samsung Electronics reclaimed its position as the tech company with the largest market share in India last year — for the first time in six years. The company is aiming to strengthen its dominance in premium products by opening a flagship store in Mumbai, India's most populous city, the company said Wednesday."

### ***'Doomsday Clock' signals existential threats of nuclear war, climate disasters and AI***

Source: [https://www.koreatimes.co.kr/www/world/2024/01/501\\_367524.html](https://www.koreatimes.co.kr/www/world/2024/01/501_367524.html)

From the Article: "Earth, for the second year running, is nearing apocalypse, a science-oriented advocacy group said, pointing to its famous "Doomsday Clock" that shows 90 seconds till midnight."

### ***Worlds no 2 memory chip maker sk hynix reports surprise profit***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.scmp.com/tech/big-tech/article/3249689/worlds-no-2-memory-chip-maker-sk-hynix-reports-surprise-profit>

From the Article: "The world's No 2 maker of memory chips reported an operating profit of 346 billion won (US\$259 million) in the December quarter. Chip makers are optimistic about a sector recovery, with Taiwan Semiconductor Manufacturing Co last week projecting strong revenue growth in 2024."

### ***Improper restriction of XML external entity references (XXE) in Electronic Deliverables Creation Support Tool provided by Ministry of Defense***

Source: <https://jvn.jp/en/jp/JVN40049211/>

From the Article: "Electronic Deliverables Creation Support Tool provided by Ministry of Defense improperly restricts XML external entity references (XXE)."

### ***Onfido Compliance Suite simplifies local and global identity verification***

Source: <https://www.helpnetsecurity.com/2024/01/23/onfido-compliance-suite/>

From the Article: "Onfido launched its Compliance Suite, an all-in-one identity verification solution that empowers fast-growth businesses to expand seamlessly into new markets and meet local regulatory needs for customer onboarding."

### ***US chip battle with China catches South Korea in the crossfire***

Source: <https://www.scmp.com/tech/tech-war/article/3249440/us-chip-battle-china-catches-south-korea-crossfire>

From the Article: "South Korea's economy is heavily reliant on the semiconductor sector to drive growth, which makes it vulnerable to Washington's drive to cut dependence on China. The SK Hynix factory in Dalian specialises in 3D NAND flash memory, which accounts for an increasing portion of the company's revenue."

### ***ASML orders triple in fourth quarter amid soaring demand for advanced chip gear***

Source: <https://www.scmp.com/tech/big-tech/article/3249620/asml-orders-triple-fourth-quarter-amid-soaring-demand-advanced-chip-gear-especially-china>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "Order bookings rose to €9.19 billion in the fourth quarter from €2.6 billion in July to September in a sign of recovery for the chip industry. ASML benefited from strong demand from China last year as chip makers rushed to get lithography machines ahead of new export restrictions."

### ***Zscaler unveils Zero Trust SASE solution for simplified security implementation***

Source: <https://www.helpnetsecurity.com/2024/01/23/zscaler-unveils-zero-trust-sase-solution-for-simplified-security-implementation/>

From the Article: "Additionally, Zscaler announced general availability for its Zero Trust SD-WAN solution and portfolio of plug-and-play appliances to help customers modernize secure connectivity for branch offices, factories, and data centers while also eliminating the need for ineffective firewalls and VPNs."

### ***Nvidia, TSMC CEOs meet in Taiwan as chip constraints threaten AI boom***

Source: <https://www.scmp.com/tech/tech-trends/article/3249848/heads-chip-giants-nvidia-tsmc-meet-taiwan-tight-chip-supply-threatens-hinder-ai-boom>

From the Article: "Nvidia founder Jensen Huang met with TSMC founder Morris Chang and CEO C.C. Wei over dinner in Taipei to discuss chip supply. Taiwan-born Huang, who arrived in Taipei after his first trip to mainland China in four years, acknowledged the island's computer industry."

### ***Apple debuts new feature to frustrate iPhone thieves***

Source: <https://www.helpnetsecurity.com/2024/01/23/iphone-stolen-device-protection/>

From the Article: "If enabled, the Stolen Device Protection feature makes it difficult for iPhone thieves to switch certain features on or off and perform certain actions if your iPhone is not at a familiar location."

### ***US wants cloud firms to report foreign users building AI applications***

Source: <https://www.scmp.com/tech/tech-war/article/3249992/tech-war-us-wants-cloud-firms-report-when-foreign-users-tap-their-computing-power-ai-applications>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "The US Commerce Department starts process requiring American cloud firms to disclose when a foreign user trains an artificial intelligence model. The Biden administration wants such disclosures in an effort to detect foreign actors that might use AI to launch 'malicious cyber-enabled activity'."

### ***CISA, FBI, EPA Offer Cybersecurity Guide for Water System Operators***

Source: <https://securityboulevard.com/2024/01/cisa-fbi-epa-offer-cybersecurity-guide-for-water-system-operators/>

From the Article: "After some stops and starts, U.S. federal agencies have issued guidance to help water and wastewater system operators better respond to cyberattacks, an important step as threat actors are increasingly targeting the sector."

### ***India awards one of its highest civilian honours to Taiwanese Foxconn CEO***

Source: <https://www.scmp.com/news/china/article/3249814/india-awards-one-its-highest-civilian-honours-taiwanese-foxconn-ceo-liu-young-way>

From the Article: "The recognition comes as Prime Minister Narendra Modi tries to portray India as Asia's next manufacturing hub as some supply chains move away from China. Foxconn – a leading supplier for Apple – recently announced investments in India worth US\$1.6 billion to diversify away from China."

### ***Tech war strong china demand chip tools bolsters revenue lam research and asml despite us trade***

Source: <https://www.scmp.com/tech/article/3249951/tech-war-strong-china-demand-chip-tools-bolsters-revenue-lam-research-and-asml-despite-us-trade>

From the Article: "Lam Research saw sales to mainland China contribute 40 per cent of its total revenue of US\$3.76 billion in the December quarter. China demand has proven resilient despite intensified US sanctions that aim to cut off the country's access to advanced chip equipment."

### ***Cybercriminals train guns on supply chains - Inquirer Business***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://business.inquirer.net/442171/cybercriminals-train-guns-on-supply-chains>

From the Article: "Cybercriminals are targeting suppliers to gain access to multiple companies when launching ransomware attacks, which can cost victimized firms as much as \$100 million on average to recover stolen data, according to an enterprise technology company."

### ***Senior us and chinese commerce officials poised meet and tackle business communities concerns***

Source: <https://www.scmp.com/news/china/article/3249983/senior-us-and-chinese-commerce-officials-poised-meet-and-tackle-business-communities-concerns>

From the Article: "Dialogue slated for first quarter of 2024 to bring government and private sector together in working group focused on trade and investment disputes. Hope is to relieve American companies' concerns over intellectual property theft and other issues, says commerce official leading US delegation."

### ***Nvidia CEO's low-key China visit seen as a goodwill gesture towards key market***

Source: <https://www.scmp.com/tech/tech-war/article/3249524/nvidia-ceos-low-key-china-visit-seen-goodwill-gesture-towards-key-market-us-chip-firm-grapples>

From the Article: "There have been no media reports of Jensen Huang meeting with Chinese clients or government officials during his mainland trip. Video clips of Huang meeting Chinese staff went viral on the mainland's internet in recent days."

### ***US lawmaker moves to ban Chinese biotech firms from contracts on military link***

Source: <https://www.scmp.com/business/markets/article/3249902/chinese-biotech-firms-led-wuxi-biologics-sink-hong-kong-proposed-us-bill-cites-complicity-pla>

From the Article: "Bill cites Chinese entities such as Third Military Medical University and Key Laboratory of High-Altitude Medicine as examples of 'espionage tools' of the Communist Party. The biotech index, which tracks the 50 biggest companies in biotech, pharmaceuticals and medical devices, tumbled 5.4 per cent."

### ***Nvidia chief visits China for first time in 4 years amid mainland market headwinds***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.scmp.com/tech/tech-war/article/3249258/nvidia-chief-visits-china-first-time-four-years-chinese-market-headwinds-mount>

From the Article: "In video clips circulating online, Huang, dressed in a floral-patterned vest, participates in Yangge, a type of folk dance from northern China. Huang's last public appearance in China was in December 2019, when he spoke about the adoption of AI in the car, gaming and healthcare sectors."

***Shanghai failed to achieve 5.5% economic growth target for 2023 amid 'complex and severe' external environment, mayor says***

Source: <https://www.scmp.com/business/china-business/article/3249475/shanghai-failed-achieve-55-cent-economic-growth-target-2023-amid-complex-and-severe-external>

From the Article: "City's GDP expanded 5 per cent last year as the global economy turned out to be weaker than expected, Mayor Gong Zheng tells annual session of the Shanghai People's Congress. Shanghai is aiming for 5 per cent GDP growth this year."

***Taiwan export orders plunge as global inflation fears outpace demand for AI gear***

Source: <https://www.scmp.com/economy/china-economy/article/3249369/taiwan-export-orders-plunge-16-cent-global-inflation-fears-outpace-rising-demand-ai-gear>

From the Article: "December was not kind to manufacturers in the global tech hub of Taiwan, whose economy relies on the production of critical consumer electronics. And for all of 2023, Taiwan's export orders lost 15.9 per cent compared with 2022 and reached US\$561 billion."

***Taiwan's president-elect faces new era with legislature in the balance***

Source: <https://www.scmp.com/economy/article/3249280/global-impact-william-lai-presidential-victory-taiwan-does-little-cool-us-mainland-china-tensions>

From the Article: "Global Impact is a weekly curated newsletter featuring a news topic originating in China with a significant macro impact for our newsreaders around the world. In this issue, we look back at how William Lai Ching-te won Taiwan's presidential election and ponder what the results mean for relations with mainland China and beyond."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



### ***Bad bot traffic skyrockets across the web***

Source: <https://www.helpnetsecurity.com/2024/01/22/bad-bots-dangers-video/>

From the Article: "Bad bots are automated programs designed with malicious intent to perform various activities on the internet, often causing harm to individuals, organizations, and online ecosystems."

### ***CloudFoxable: Open-source AWS penetration testing playground***

Source: <https://www.helpnetsecurity.com/2024/01/22/cloudfoxable-aws-penetration-testing-playground/>

From the Article: "CloudFoxable is a capture-the-flag (CTF) style learning platform you can deploy to your playground AWS account."

### ***Geopolitics adding to cyber risks; Singapore companies are attractive targets***

Source: <https://www.businesstimes.com.sg/companies-markets/geopolitics-adding-cyber-risks-singapore-companies-are-attractive-targets>

From the Article: "WITHIN the first two weeks of this year, three Singapore-listed companies announced that they had fallen victim to ransomware attacks."

### ***The EU and China can't agree on key issues. Is this 'a recipe for a trade war'?***

Source: <https://www.scmp.com/news/china/diplomacy/article/3249388/are-eu-and-china-hurling-towards-trade-war>

From the Article: "In Brussels, Beijing's promises to individual EU states are seen through the lens of a combative and defensive China unwilling to yield on major issues. For some members the potential return of Trump to the White House hastens the need for a stronger European approach."

### ***FTC Bans InMarket for Selling Precise User Location Without Consent***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://thehackernews.com/2024/01/ftc-bans-inmarket-for-selling-precise.html>

From the Article: "The U.S. Federal Trade Commission (FTC) is continuing to clamp down on data brokers by prohibiting InMarket Media from selling or licensing precise location data."

### ***Top Unexpected Ways to Utilise a Password Manager for Enhanced Security and Organisation***

Source: <https://www.itsecurityguru.org/2024/01/22/top-unexpected-ways-to-utilise-a-password-manager-for-enhanced-security-and-organisation/>

From the Article: "Password managers have become integral tools for individuals and businesses alike."

### ***Hong kong stocks extend rebound alibaba jumps 5 insider buying china vows more support calm market***

Source: <https://www.scmp.com/business/markets/article/3249559/hong-kong-stocks-extend-rebound-alibaba-jumps-5-insider-buying-china-vows-more-support-calm-market>

From the Article: "China's central bank to cut reserve ratio by 50 basis points on February 5, unleashing 1 trillion yuan (US\$140 billion) of liquidity to spur lending. Alibaba Group jumped by the most since November amid reports key corporate insiders have added to their holdings during the recent market slump."

### ***Boardroom cyber expertise comes under scrutiny***

Source: <https://securityintelligence.com/articles/boardroom-cyber-expertise-scrutiny/>

From the Article: "But even if board members don't want to get too close to cyber, it will reach them anyway — at least according to a potential new SEC rule."

### ***Uncovering Hidden Threats with VirusTotal Code Insight***

Source: <https://blog.virustotal.com/2024/01/uncovering-hidden-threats-with.html>

From the Article: "In the constantly changing world of cybersecurity, generative AI is

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

becoming an increasingly valuable tool."

### ***Nvidia, TSMC CEOs meet in Taiwan as chip constraints threaten AI boom***

Source: <https://www.scmp.com/tech/tech-trends/article/3249848/heads-chip-giants-nvidia-tsmc-meet-taiwan-tight-chip-supply-threatens-hinder-ai-boom>

From the Article: "Nvidia founder Jensen Huang met with TSMC founder Morris Chang and CEO C.C. Wei over dinner in Taipei to discuss chip supply. Taiwan-born Huang, who arrived in Taipei after his first trip to mainland China in four years, acknowledged the island's computer industry."

### ***How to Use Context-Based Authentication to Improve Security***

Source: <https://securityboulevard.com/2024/01/how-to-use-context-based-authentication-to-improve-security/>

From the Article: "One of the biggest security weak points for organizations involves their authentication processes."

### ***China is testing 16nm chips in space while Nasa sticks to 250nm process***

Source: <https://www.scmp.com/news/china/science/article/3249569/china-takes-its-chip-war-space-it-uses-tiangong-space-station-test-processors-and-gain-tech-edge>

From the Article: "Large-scale chip testing in orbit is crucial for China's space ambitions. China believes its biggest competitive pressure no longer comes from Nasa but from private space companies, represented by SpaceX."

### ***How to prepare your business for Digital Operational Resilience Act (DORA) implementation?***

Source: <https://latesthackingnews.com/2024/01/23/how-to-prepare-your-business-for-digital-operational-resilience-act-dora-implementation/>

From the Article: "In an era where digital threats are increasingly prevalent, the introduction of the Digital Operational Resilience Act (DORA) marks a transformative step in the European Union's approach to ensuring the stability and resilience of its

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

financial sector."

### ***US wants cloud firms to report foreign users building AI applications***

Source: <https://www.scmp.com/tech/tech-war/article/3249992/tech-war-us-wants-cloud-firms-report-when-foreign-users-tap-their-computing-power-ai-applications>

From the Article: "The US Commerce Department starts process requiring American cloud firms to disclose when a foreign user trains an artificial intelligence model. The Biden administration wants such disclosures in an effort to detect foreign actors that might use AI to launch 'malicious cyber-enabled activity'."

### ***Google-Backed Israeli University Launches Cyber-Analyst Course***

Source: <https://www.darkreading.com/cybersecurity-operations/google-backed-israeli-university-launches-cyber-analyst-course>

From the Article: "Backed by PwC Next, the program offers tailored cybersecurity training in an effort to better defend the nation against increased attacks."

### ***How to avoid malware on Linux systems***

Source: <https://www.techtarget.com/searchdatacenter/tip/How-to-avoid-malware-on-Linux-systems>

From the Article: "Even popular servers like Linux, which does not have virus protection software through Red Hat, are prone to attacks."

### ***Chinas smartphone market recovers 2023 amid increased competition huaweis strong comeback 5g handset***

Source: <https://www.scmp.com/tech/tech-trends/article/3249501/chinas-smartphone-market-recovers-2023-amid-increased-competition-huaweis-strong-comeback-5g-handset>

From the Article: "Domestic smartphone shipments totalled 289 million units last year, compared with 272 million in 2022, according to official data. That increase was in stark contrast with the 22.6 per cent year-on-year decline recorded in 2022."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

### ***88% of organizations use passwords as primary authentication method***

Source: <https://www.securitymagazine.com/articles/100339-88-of-organizations-use-passwords-as-primary-authentication-method>

From the Article: "According to a recent password report by Specops Software, passwords remain the primary authentication method for 88% of organizations."

### ***China containment becomes a lose-lose strategy for everyone***

Source: <https://www.scmp.com/comment/opinion/article/3249632/china-containment-becomes-lose-lose-strategy-everyone>

From the Article: "In trying to fight Beijing, Washington is causing irreparable damage to the world economy and it may be too great for even America to bear"

### ***Chinese consumers offered double priced apple vision pro mixed reality headsets grey market ahead***

Source: <https://www.scmp.com/tech/big-tech/article/3249342/chinese-consumers-offered-double-priced-apple-vision-pro-mixed-reality-headsets-grey-market-ahead>

From the Article: "Dozens of merchants are offering to ship supplies of the gadget from the US to China after the official February 2 release, at double the official price. Although the past year saw a decline in AR/VR headset shipments, IDC forecasts growth of nearly 47 per cent this year thanks to new launches such as Vision Pro."

### ***The Unknown Risks of The Software Supply Chain: A Deep-Dive***

Source: <https://thehackernews.com/2024/01/the-unknown-risks-of-software-supply.html>

From the Article: "In a world where more & more organizations are adopting open-source components as foundational blocks in their application's infrastructure, it's difficult to consider traditional SCAs as complete protection mechanisms against open-source threats."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***Break the fake: The race is on to stop AI voice cloning scams***

Source: <https://www.welivesecurity.com/en/scams/race-stop-ai-voice-cloning-scams/>

From the Article: "As AI-powered voice cloning turbocharges imposter scams, we sit down with ESET's Jake Moore to discuss how to hang up on 'hi-fi' scam calls – and what the future holds for deepfake detection"

***Exploit Code Released For Critical Fortra GoAnywhere Bug***

Source: <https://www.infosecurity-magazine.com/news/exploit-code-critical-fortra/>

From the Article: "Researchers have released exploit code for a critical bug in managed file transfer software Fortra GoAnywhere"

***China plans to turn hi-tech lab innovations into globally competitive goods***

Source: <https://www.scmp.com/economy/china-economy/article/3249642/china-sees-hi-tech-innovation-boon-its-global-competitiveness-and-manufacturing-dominance>

From the Article: "Plan would create five pilot-scale facilities to turn research and development and innovative ideas from laboratories and research papers into mass-produced goods. The initiative aims to shore up the resiliency of China's supply chains while helping it catch up in the realms of artificial intelligence, quantum computing and biomedical."

***WaterISAC: 15 Security Fundamentals You Need to Know***

Source: <https://www.tripwire.com/state-of-security/waterisac-security-fundamentals>

From the Article: "2023 saw two concerning attacks on public water systems, highlighting the fragility and risk to utility systems. "

***Taiwan's president-elect faces new era with legislature in the balance***

Source: <https://www.scmp.com/economy/article/3249280/global-impact-william-lais-presidential-victory-taiwan-does-little-cool-us-mainland-china-tensions>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "Global Impact is a weekly curated newsletter featuring a news topic originating in China with a significant macro impact for our newsreaders around the world. In this issue, we look back at how William Lai Ching-te won Taiwan's presidential election and ponder what the results mean for relations with mainland China and beyond."

### ***Hackers Deploy Malicious npm Packages on GitHub to Steal SSH Keys***

Source: <https://gbhackers.com/malicious-npm-ssh-key/>

From the Article: "Two malicious npm packages were discovered on the npm open source package manager, which leverages GitHub to store stolen Base64-encrypted SSH keys obtained from developer systems that installed the malicious npm packages."

### ***Chinese scientists create 'dream bullet' years after US abandons project***

Source: <https://www.scmp.com/news/china/science/article/3249048/chinese-scientists-bring-us-navys-dream-bullet-life>

From the Article: "After America abandoned development of its 'dream shell', Chinese scientists now claim they have managed to create it. The shell travels at Mach 7 while receiving satellite navigation signals and maintains an error margin of less than 15 metres (49 feet)."

### ***Cybersecurity education from childhood is a vital tool: 72% of children worldwide have experienced at least one type of cyber threat***

Source: <https://blog.checkpoint.com/security/cybersecurity-education-from-childhood-is-a-vital-tool-72-of-children-worldwide-have-experienced-at-least-one-type-of-cyber-threat/>

From the Article: "In an increasingly digitized society, and especially considering that children are using technology more and more at an earlier age, it is crucial for education to focus on how to use this global tool safely."

### ***Taiwan export orders plunge as global inflation fears outpace demand for AI gear***

Source: <https://www.scmp.com/economy/china-economy/article/3249369/taiwan-export->  
[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

### [orders-plunge-16-cent-global-inflation-fears-outpace-rising-demand-ai-gear](#)

From the Article: "December was not kind to manufacturers in the global tech hub of Taiwan, whose economy relies on the production of critical consumer electronics. And for all of 2023, Taiwan's export orders lost 15.9 per cent compared with 2022 and reached US\$561 billion."

### ***China's Guangdong to 'shoulder major responsibility' to aid 2024 economic growth, makes Greater Bay Area top priority***

Source: <https://www.scmp.com/economy/economic-indicators/article/3249453/chinas-guangdong-shoulder-major-responsibility-aid-2024-economic-growth-makes-greater-bay-area-top>

From the Article: "Guangdong will 'pace up construction' of China's Greater Bay Area plan in 2024, having set an economic growth target of 5 per cent. Beijing has pinned its hopes on provinces including Guangdong and Zhejiang to play a bigger role in driving up economic growth."

### ***The Impact of AI-Generated Content on Internet Quality***

Source: <https://www.cysecurity.news/2024/01/the-impact-of-ai-generated-content-on.html>

From the Article: "In a comprehensive study conducted by the Amazon Web Services (AWS) AI Lab, a disconcerting reality has surfaced, shaking the foundations of internet content."

### ***The EU and China can't agree on key issues. Is this 'a recipe for a trade war'?***

Source: <https://www.scmp.com/news/china/diplomacy/article/3249388/are-eu-and-china-hurtling-towards-trade-war>

From the Article: "In Brussels, Beijing's promises to individual EU states are seen through the lens of a combative and defensive China unwilling to yield on major issues. For some members the potential return of Trump to the White House hastens the need for a stronger European approach."

### [Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



***Hong Kong finance sector on pace in AI deployment, but concerns persist: survey***

Source: <https://www.scmp.com/business/banking-finance/article/3249608/hong-kong-finance-sector-pace-ai-deployment-data-availability-security-and-skills-gap-among-concerns>

From the Article: "The city's financial professionals express optimism about Hong Kong's standing as a global financial hub well-positioned for AI adoption. A quarter of respondents to a survey from PwC and Hong Kong Trade Development Council say a workforce skills gap could stymie adoption."

***Russian hacker Aleksandr Ermakov linked to prominent 2022 Australia data breach***

Source: <https://www.scmp.com/week-asia/economics/article/3249507/russian-hacker-linked-revil-behind-2022-australian-cyberattack-also-targeted-hong-kongs-dairy-farm>

From the Article: "REvil allegedly demanded a US\$30 million ransom from Hong Kong-based retailer Dairy Farm during its 2021 cyberattack. The Australian government says exposing the identity of Russian hacker Aleksandr Ermakov would stop him and his cyberbusiness."

***Despite Vietnam's appeal to Chinese manufacturers, some are 'trapped in losses'***

Source: <https://www.scmp.com/economy/china-economy/article/3249488/chinese-firms-anxious-avoid-choppy-geopolitical-waters-chart-course-vietnam>

From the Article: "Chinese companies, burdened by tariffs and higher costs, have relocated to Southeast Asia in droves, particularly Vietnam. But a complicated legal environment and rising labour expenditures present challenges to firms looking to make the move."

***2024 State of Ransomware in Education: 92% spike in K-12 attacks***

Source: <https://www.malwarebytes.com/blog/threat-intelligence/2024/01/2024-state-of-ransomware-in-education-92-spike-in-k-12-attacks>

From the Article: "2023 was the worst ransomware year on record for Education: according to original ThreatDown research, the sector witnessed a staggering 70% surge in attacks in the past year, increasing from 129 incidents in 2022 to 265 in 2023."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***Peters and Braun Introduce Bipartisan Bill to Bolster Government's Cybersecurity Capabilities***

Source: <https://www.darkreading.com/ics-ot-security/peters-and-braun-introduce-bipartisan-bill-to-bolster-government-s-cybersecurity-capabilities>

From the Article: "U.S. Senators Gary Peters (D-MI), Chairman of the Homeland Security and Governmental Affairs Committee, and Mike Braun (R-IN) introduced bipartisan legislation to better prepare federal employees to address serious cybersecurity threats."

***Korean kimchi makers turn to AI for quality control, as population falls and export demand rises thanks to popularity of Korean wave***

Source: <https://www.scmp.com/lifestyle/food-drink/article/3249742/korean-kimchi-makers-turn-ai-quality-control-population-falls-and-export-demand-rises-thanks>

From the Article: "Korean kimchi, which is finding fans overseas as the popularity of Korean cultural exports grows, normally undergoes human quality control during its production. The use of AI for quality control has been tested in South Korean kimchi factories, in an effort to speed up production and make the product more consistent."

***Ransomware Attacks Spotlight Need for FIs to Gauge Third-Party Risk***

Source: <https://www.pymnts.com/news/security-and-risk/2024/ransomware-attacks-spotlight-need-for-fis-to-gauge-third-party-risk/>

From the Article: "A blog post this week from the Atlanta Federal Reserve noted that "at least" 60 credit unions were "knocked out of commission" by ransomware attacks towards the end of the year."

***Why AI isn't changing our world yet (give it 10 more years)***

Source: <https://www.scmp.com/comment/letters/article/3249834/why-ai-isnt-changing-our-world-yet-give-it-10-more-years>

From the Article: "Readers discuss how long it takes for innovation to result in revolutionary, why the waste-charging scheme must anticipate how people will respond,

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

and the need to prioritise recycling."

### ***IC Tool Vendors Eye Cloud-Native Future***

Source: <https://semiengineering.com/ic-tool-vendors-eye-cloud-native-future/>

From the Article: "Optimizing existing tools and infrastructure, creating a new generation of EDA applications that run natively on the cloud, and integrating advanced AI capabilities across the development stack are non-trivial for both EDA vendors and chip companies."

### ***Samsung integrate baidus ai model new galaxy s24 handsets mainland chinese rivals push new***

Source: <https://www.scmp.com/tech/big-tech/article/3249955/samsung-integrate-baidus-ai-model-new-galaxy-s24-handsets-mainland-chinese-rivals-push-new>

From the Article: "Samsung's Galaxy S24 series smartphones will deploy Baidu's Ernie AI model to perform the handsets' new 'Circle of Search' feature. Ernie will also help users translate and summarise texts, as well as transcribe speech in multiple languages via the Note Assistant function."

### ***Hackers Blast Violent Gaza Message at a Popular Israeli Movie Theater***

Source: <https://www.darkreading.com/cyberattacks-data-breaches/hackers-blast-violent-gaza-message-popular-israeli-movie-theater>

From the Article: "A psyop targeting ordinary moviegoers is the latest in a string of similar attacks in the country since Oct. 7."

### ***Alibaba launches AI-assisted slide-deck creation tool through cloud storage platform Quark***

Source: <https://www.scmp.com/tech/big-tech/article/3249922/alibaba-launches-ai-assisted-slide-deck-creation-tool-through-cloud-storage-platform-quark>

From the Article: "Quark's AI PPT tool, priced at US\$2.66 per month, can automatically generate slides based on preset topics or user requests. Quark is one of four

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

businesses designated by new Alibaba CEO Wu Yongming to undergo 'strategic-level innovations'."

### ***How smart warehouse automation has improved efficiency and safety in Netherlands and Hungary***

Source: <https://www.scmp.com/native/tech/topics/huaweis-5g-powers-smart-warehouses/article/3249836/how-smart-warehouse-automation-has-improved-efficiency-and-safety-netherlands-and-hungary>

From the Article: "Huawei Technologies' European Supply Centres feature 5G, AI and cloud-computing innovations that support enterprise management system offering real-time capacity data. Self-driving forklifts and guided pallet trucks ensure safe, round-the-clock operations and reduce risk of injuries to staff."

### ***iPhone apps abuse iOS push notifications to collect user data***

Source: <https://www.bleepingcomputer.com/news/security/iphone-apps-abuse-ios-push-notifications-to-collect-user-data/>

From the Article: "Numerous iOS apps are using background processes triggered by push notifications to collect user data about devices, potentially allowing the creation of fingerprinting profiles used for tracking."

### ***Using Google Search to Find Software Can Be Risky***

Source: <https://krebsonsecurity.com/2024/01/using-google-search-to-find-software-can-be-risky/>

From the Article: "Google continues to struggle with cybercriminals running malicious ads on its search platform to trick people into downloading booby-trapped copies of popular free software applications."

### ***Nvidia, TSMC CEOs meet in Taiwan as chip constraints threaten AI boom***

Source: <https://www.scmp.com/tech/tech-trends/article/3249848/heads-chip-giants-nvidia-tsmc-meet-taiwan-tight-chip-supply-threatens-hinder-ai-boom>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "Nvidia founder Jensen Huang met with TSMC founder Morris Chang and CEO C.C. Wei over dinner in Taipei to discuss chip supply. Taiwan-born Huang, who arrived in Taipei after his first trip to mainland China in four years, acknowledged the island's computer industry."

***Cisco warns of a critical bug in Unified Communications products, patch it now!***

Source: <https://securityaffairs.com/158116/security/cisco-unified-communications-critical-flaw.html>

From the Article: "Cisco addressed a critical flaw in its Unified Communications and Contact Center Solutions products that could lead to remote code execution."

***Fintech giant Ant Group sets up AI unit led by former Google researcher***

Source: <https://www.scmp.com/tech/big-tech/article/3249737/chinese-fintech-giant-ant-group-sets-ai-unit-led-former-google-researcher>

From the Article: "The new unit, called NextEvo, will drive and coordinate Ant's core AI efforts, according to people familiar with the matter. Beijing has been relaxing some restrictions on Ant's businesses after the Hangzhou-based company took several steps to restructure."

***Microsoft Warns of Widening APT29 Espionage Attacks Targeting Global Orgs***

Source: <https://thehackernews.com/2024/01/microsoft-warns-of-widening-apt29.html>

From the Article: "Microsoft on Thursday said the Russian state-sponsored threat actors responsible for a cyber attack on its systems in late November 2023 have been targeting other organizations and that it's currently beginning to notify them."

***Cisco Vulnerability Fix: Protection From High-Risk Threats***

Source: <https://securityboulevard.com/2024/01/cisco-vulnerability-fix-protection-from-high-risk-threats/>

From the Article: "In recent developments, Cisco has taken swift action to address a critical security flaw impacting Unity Connection, a vulnerability marked as CVE-2024-

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

20272, with a concerning CVSS score of 7.3. This flaw could potentially allow malicious actors to execute arbitrary commands on the system, posing a serious threat to affected users."

***Microsoft briefly hit US\$3 trillion value to surpass Apple, shares close at record on AI optimism***

Source: <https://www.scmp.com/tech/big-tech/article/3249678/microsoft-briefly-hit-us3-trillion-value-surpass-apple-shares-close-record-ai-optimism>

From the Article: "The software giant is one of the so-called Magnificent 7 that fuelled the US market's advance over 2023, gaining about 57 per cent. Much of the gain reflects investor enthusiasm over AI and its potential to accelerate growth in both earnings and revenue."

***Westermo Switch Vulnerabilities Can Facilitate Attacks on Industrial Organizations***

Source: <https://www.securityweek.com/westermo-switch-vulnerabilities-can-facilitate-attacks-on-industrial-organizations/>

From the Article: "CISA informs organizations that Westermo Lynx switches are affected by eight vulnerabilities and some devices are reportedly exposed to the internet."

***Musician Brian Eno on why he doesn't trust tech titans with AI***

Source: <https://www.scmp.com/lifestyle/arts-culture/article/3249492/brian-eno-musician-and-producer-ai-driven-documentary-eno-and-why-he-doesnt-trust-elon-musk-and-mark>

From the Article: "Brian Eno redefined pop working with Roxy Music, David Bowie, Talking Heads, Devo and U2. Now a film about him, Eno, is redefining the documentary. Eno uses generative AI to produce a different version of the film each time it is shown; the musician and producer talks about the power of AI and its dangers."

***How hong kong government initiative entices fintech ai data science and advanced manufacturing***

Source: <https://www.scmp.com/native/news/hong-kong/hong-kong-economy/topics/hub-enterprises-future/article/3249368/how-hong-kong-government-initiative-entices-fintech>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

### [ai-data-science-and-advanced-manufacturing](#)

From the Article: "Over 30 strategic enterprises expected to invest US\$3.8 billion in city after launch of Office for Attracting Strategic Enterprises. Smart retail solution provider Dmall will use Hong Kong presence as springboard to expand software-as-a-service platform in Asia and across world."

### ***ResourceActivity Mac virus***

Source: <https://www.2-spyware.com/remove-resourceactivity-mac-virus.html>

From the Article: "ResourceActivity is a dangerous Adload malware variant that interrupts your browsing with intrusive ads ResourceActivity is a Mac virus that falls under the Adload family, a group known for its extensive range of similar variants. "

### ***Rabbit, US\$200 AI-powered gadget, becomes unexpected hit after CES 2024 launch by Chinese entrepreneur***

Source: <https://www.scmp.com/tech/big-tech/article/3249380/rabbit-us200-ai-powered-handheld-chinese-entrepreneur-becomes-unexpected-hit-after-ces-2024-launch>

From the Article: "The Rabbit R1, which learns and repeats how users interact with apps, has sold out of five pre-order rounds since launching in Las Vegas this month. Rabbit Inc was started by Jesse Lyu Cheng, a Xian native who sold his previous start-up to Chinese AI giant Baidu."

### ***Prevent BEC with AI-Powered Email and Collaboration***

Source: [https://www.trendmicro.com/en\\_us/research/24/a/bec-security-enhancements.html](https://www.trendmicro.com/en_us/research/24/a/bec-security-enhancements.html)

From the Article: "Latest Trend Vision One™ platform integration addresses growing need for streamlined IT and security operations across email and messaging environments."

### ***Blackwood hijacks software updates to deploy NSPX30 – Week in security with Tony Ancombe***

#### [Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.welivesecurity.com/en/videos/blackwood-software-updates-nspx30-week-security-tony-anscombe/>

From the Article: "This week, ESET researchers released their findings about an attack where a previously unknown threat actor deployed a sophisticated multistage implant, which ESET named NSPX30, through adversary-in-the-middle (AitM) attacks hijacking update requests from legitimate software such as Tencent QQ, WPS Office, and Sogou Pinyin."

#### ***UK firm pauses AI chat function after bot swears at customer***

Source: <https://www.scmp.com/tech/tech-trends/article/3249284/uk-delivery-firm-dpd-suspends-ai-chat-function-after-bot-swears-customer-and-writes-poem-disparaging>

From the Article: "'DPD was a waste of time, And a customer's worst nightmare,' wrote the bot, which failed to deliver information about the status of a parcel. DPD says the AI function was immediately disabled and is currently being updated."

#### ***4 Key Takeaways from the BlackBerry Global Threat Intelligence Report***

Source: <https://securityboulevard.com/2024/01/4-key-takeaways-from-the-blackberry-global-threat-intelligence-report/>

From the Article: "Three months, and 3.3 million thwarted cyberattacks—that's the count from the recent BlackBerry Global Threat Intelligence report ."

#### ***US opens antitrust probe on Big Tech investments in OpenAI, Anthropic***

Source: <https://www.scmp.com/tech/big-tech/article/3249837/us-opens-antitrust-probe-investments-microsoft-openai-alphabet-and-amazon-anthropic>

From the Article: "The Federal Trade Commission is seeking details on how the partnerships between start-ups and Big Tech influence strategy and pricing decisions. Microsoft says collaboration by American firms puts the US ahead in AI, while Google says the probe may shed light on those that lock in customers."

#### ***Navigating the Future: DevOps Predictions for 2024***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



Source: <https://securityboulevard.com/2024/01/navigating-the-future-devops-predictions-for-2024/>

From the Article: "DevOps, the cultural and professional movement that aims to improve collaboration between software development and IT operations, is predicted to transform, expand, and evolve significantly in 2024."

### ***ByteDance executive leaves to start cross-border e-commerce venture after Shein, Temu success in US***

Source: <https://www.scmp.com/tech/big-tech/article/3249494/bytedance-executive-leaves-start-cross-border-e-commerce-venture-after-shein-temu-success-us>

From the Article: "Ren Lifeng left ByteDance last year and recently registered Shumei Wanwu with nearly US\$140,000 in registered capital. As other Big Tech executives leave for the booming AI sector, Ren is focusing on cross-border e-commerce after other Chinese-backed apps found success overseas."

### ***Keeping your data safe: Pitfalls to avoid when shopping online - Digital Journal***

Source: <https://www.digitaljournal.com/tech-science/keeping-your-data-safe-pitfalls-to-avoid-when-shopping-online/article>

From the Article: "Online shopping is a straightforward way to purchase items, with an array of sites with which to explore a seemingly endless array of products and brands"

### ***Citadel.One Suffered A Cyberattack On The Arbitrum Network, Incurring \$93,000 Loss***

Source: <https://news.hitb.org/content/citadelone-suffered-cyberattack-arbitrum-network-incurring-93000-loss>

From the Article: "In a concerning development for the cryptocurrency community, Citadel.one, a prominent portfolio management tool, has become the latest victim of cyberattacks in the blockchain space."

### ***Is your confidential info safe? More can be done to beef up personal data protection rules ...***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.singaporelawwatch.sg/Headlines/is-your-confidential-info-safe-more-can-be-done-to-beef-up-personal-data-protection-rules-say-experts>

From the Article: "Is your confidential info safe? More can be done to beef up personal data protection rules, say experts"

***Annual cost of recovering from cybercrime can be as much as US\$5 Mn: Barracuda - ciosea***

Source: <https://ciosea.economictimes.indiatimes.com/news/security/annual-cost-of-recovering-from-cybercrime-can-be-as-much-as-us5-mn-barracuda/107213868>

From the Article: "The annual cost of responding to cybercrime for businesses can be as much as US\$5 million, according to a new report from Barracuda Networks , a trusted partner and leading provider of cloud-first security solutions."

***Major spike in public sector attacks in 2023: Report, CIOSEA News, ETCIO SEA***

Source: <https://ciosea.economictimes.indiatimes.com/news/security/major-spike-in-public-sector-attacks-in-2023-report/107214856>

From the Article: "KnowBe4 , the provider of the world's largest security awareness training and simulated phishing platform, released its report on the most popular and prolific cybercrimes of 2023 with a focus on the public sector ."

***Cybercriminals embrace smarter strategies, less effort - Help Net Security***

Source: <https://www.helpnetsecurity.com/2024/01/29/supply-chain-disruption/>

From the Article: "2024 is shaping up to be a record-breaking year for data breaches, according to Experian."

***Businesses advised to brace for increased cyber attacks in 2024 - New Telegraph***

Source: <https://newtelegraphng.com/businesses-advised-to-brace-for-increased-cyber-attacks-in-2024/>

From the Article: "Cyber security experts have predicted that there will be an increase in

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

the rate of cybercrimes in the year 2024, warning businesses and organisations to brace up against the menace."

### ***Hong Kong industrial property picks up amid rising data centre demand***

Source: <https://www.scmp.com/business/article/3249655/hong-kongs-industrial-property-segment-seeing-pick-amid-rising-demand-data-centres-jll-says>

From the Article: "Hong Kong a 'prime destination for institutional investors and data centre operators, thanks to its strong data processing demand, highly skilled workforce, natural disaster-free environment and stable power supply': JLL executive. Sydney-listed industrial property firm Goodman Group kicks off conversion of Tsuen Wan building into data centre."

### ***'A whole different ballgame': Samsung aims for next level in health tracking***

Source: <https://www.scmp.com/lifestyle/gadgets/article/3249447/samsung-explores-ambitious-new-health-tracking-features-smartphones-watches-and-upcoming-galaxy-ring>

From the Article: "Samsung is looking to develop non-invasive glucose monitoring and continuous blood pressure checking – valuable breakthroughs that could shake up the industry. The company aims to eventually give consumers a complete picture of their well-being via sensors on different parts of the body and around the home."

### ***Senior us and chinese commerce officials poised meet and tackle business communities concerns***

Source: <https://www.scmp.com/news/china/article/3249983/senior-us-and-chinese-commerce-officials-poised-meet-and-tackle-business-communities-concerns>

From the Article: "Dialogue slated for first quarter of 2024 to bring government and private sector together in working group focused on trade and investment disputes. Hope is to relieve American companies' concerns over intellectual property theft and other issues, says commerce official leading US delegation."

### ***Hong Kong police arrest 219 people over swindling residents out of HK\$500 million***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.scmp.com/news/hong-kong/law-and-crime/article/3249317/hong-kong-police-arrest-219-people-over-swindling-residents-out-hk500-million-fraud-money-laundering>

From the Article: "Chief Inspector Lam Ka-tsing says wealthy professionals among 558 victims duped by scammers, warning residents they may be targets 'no matter what your background is'. Officers arrested 219 people over obtaining property by deception, conspiracy to defraud and money laundering, with most suspected of selling their bank accounts."

### ***China's new energy, automation sectors show big gains in job demand: report***

Source: <https://www.scmp.com/economy/china-economy/article/3249372/china-jobs-new-energy-automation-sectors-shine-employment-growth-belies-broader-economic-downturn>

From the Article: "Increased hiring in industrial automation seen reflecting digitisation trend across all industries, with an emphasis on green growth. New survey data by Zhilian Zhaopin recruitment platform shows how more young people have been gravitating towards emerging industries in China."

### ***Us china science deal must address american national security concerns senior state department***

Source: <https://www.scmp.com/news/china/article/3249547/us-china-science-deal-must-address-american-national-security-concerns-senior-state-department>

From the Article: "Amended pact dating to 1979 establishment of diplomatic relations must ensure 'fewer opportunities' for compromising activity, negotiator says. Insights shared at event where former top US diplomat Condoleezza Rice urges finding safe way to let in world's best minds."

### ***Google moves rid chrome browser third party cookies will it bolster data security or just tech***

Source: <https://www.scmp.com/lifestyle/gadgets/article/3249824/google-moves-rid-chrome-browser-third-party-cookies-will-it-bolster-data-security-or-just-tech>

From the Article: "Cookies, the files browsers store as we surf the web, help advertisers track our online habits. But internet users are concerned by a lack of privacy. Google is [Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

accordingly moving to ban third-party cookies from its Chrome browser, but some say this gives the firm an unfair advantage in the advertising market."

### ***Skills-based practices needed to replenish America's talent pipeline***

Source: <https://reshorennow.org/blog/skills-based-practices-needed-to-replenish-america-s-talent-pipeline/>

From the Article: "A shortage of a skilled workforce has become one of the major limiting factors in the Reshoring Initiative® to sustain and bring back American manufacturing jobs. Employers are searching for graduates with the needed employable skills to grow their businesses as well as providing an economic pathway into the middle class and the American Dream for their employees."

### ***TSMC stock sale makes up 80 percent of stabilization fund's gains***

Source: <https://focustaiwan.tw/business/202401270009>

From the Article: "The selling of Taiwan Semiconductor Manufacturing Co. (TSMC) shares accounted for almost 80 percent of the profit raked in by the Financial Stabilization Fund following its latest market intervention, according to the fund."

### ***DBS forecasts 3.5% growth for Taiwan's economy in 2024***

Source: <https://focustaiwan.tw/business/202401270007>

From the Article: " Singapore-based DBS Bank has forecast that Taiwan's gross domestic product (GDP) will grow 3.5 percent in 2024 because of a jump in exports and investment, beating about 1 percent growth seen in 2023."

### ***Hon Hai Chair honored with India's Padma Award***

Source: <https://focustaiwan.tw/business/202401270006>

From the Article: "Young Liu (劉揚偉), chairman of Taiwan-based manufacturing giant Hon Hai Precision Industry Co., has been awarded a Padma award by the government of India, one of the highest honors civilians can be given in the South Asian country."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***TIER forecast of Taiwan 2024 GDP growth rate remains 3.15%***

Source: <https://focustaiwan.tw/business/202401260018>

From the Article: " The Taiwan Institute of Economic Research (TIER) on Friday kept its forecast of Taiwan's economic growth for 2024 at 3.15 percent, the same as its previous forecast in November 2023."

***UMC to collaborate with Intel on new foundry***

Source: <https://focustaiwan.tw/business/202401260006>

From the Article: " Taiwan-based contract chipmaker United Microelectronics Corp. (UMC) and Intel Corp. announced Thursday that they will collaborate on developing a 12-nanometer semiconductor process platform."

***Taiwan shares end above 18,000 points, led by TSMC***

Source: <https://focustaiwan.tw/business/202401250018>

From the Article: "Shares in Taiwan closed above the 18,000 point mark Thursday, rising more than 120 points, with contract chipmaker Taiwan Semiconductor Manufacturing Co. (TSMC) leading the main board higher, dealers said."

***30 German students to come to Taiwan for chip production training***

Source: <https://focustaiwan.tw/business/202401240020>

From the Article: "Thirty students from the German state of Saxony will come to Taiwan in March to receive training in semiconductor manufacturing, visiting state official Sebastian Gemkow said Wednesday."

***Taiwan shares end little changed with tech stocks in consolidation***

Source: <https://focustaiwan.tw/business/202401240014>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "Shares in Taiwan closed almost flat Wednesday as investors cut their buying in tech heavyweights ahead of the nearest technical resistance around 17,956 points, an intraday high on Jan. 2, dealers said."

***Greenpeace calls for end to Taipower's dominance of renewables supply***

Source: <https://focustaiwan.tw/business/202401230021>

From the Article: "Greenpeace on Tuesday called for Taiwan Power Co.'s (Taipower) near monopolization of domestic renewable energy supply to be replaced by a framework that better supports the self-generation of green electricity by private enterprises."

***Industrial production down for 19th straight month in December***

Source: <https://focustaiwan.tw/business/202401230018>

From the Article: "Amid weakness in global demand, Taiwan's industrial production fell from a year earlier in December, marking the 19th consecutive monthly year-on-year decline, pushing down production for 2023 as a whole by more than 12 percent, the Ministry of Economic Affairs (MOEA) said Tuesday."

***Taiwan shares continue uptrend as TSMC gains***

Source: <https://focustaiwan.tw/business/202401230016>

From the Article: "Shares in Taiwan continued to rise Tuesday as contact chipmaker Taiwan Semiconductor Manufacturing Co. (TSMC) attracted last ditch buying amid lingering optimism over the company's outlook, dealers said."

***Taiwan shares end up as tech sector steams ahead***

Source: <https://focustaiwan.tw/business/202401220013>

From the Article: "Shares in Taiwan sustained their momentum Monday, buoyed by another strong showing from the bellwether electronics sector, dealers said."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***TSMC still considering where to build 1nm fab after Chiayi report***

Source: <https://focustaiwan.tw/sci-tech/202401220009>

From the Article: "Taiwan Semiconductor Manufacturing Co. (TSMC) said on Monday it was still considering venue options for its new advanced wafer fab, contrary to a local media news report earlier in the day that claimed the chipmaker was planning to build a 1-nanometer wafer plant in Chiayi County, southern Taiwan."

***Taiwan shares end above 18,000 points, led by TSMC***

Source: <https://focustaiwan.tw/business/202401250018>

From the Article: "Shares in Taiwan closed above the 18,000 point mark Thursday, rising more than 120 points, with contract chipmaker Taiwan Semiconductor Manufacturing Co. (TSMC) leading the main board higher, dealers said."

***More than 80% of Taiwan's CEOs confident in national economy: Survey***

Source: <https://focustaiwan.tw/business/202401270004>

From the Article: "More than 80 percent of chief executive officers in Taiwan said they had faith that the nation's economy would perform well over the next three years, according to a survey conducted by KPMG, one of the world's leading accounting firms."

***Salaries to rise 2%-5% in Taiwan in 2024: Recruitment consultancy***

Source: <https://focustaiwan.tw/business/202401260008>

From the Article: "The results of a salary survey conducted by a professional recruitment consultancy indicates that employees in Taiwan should be able to see gains in pay in 2024 as the global economic climate improves and the labor market tightens."

***Kansas City public transportation authority hit by ransomware***

Source: <https://www.bleepingcomputer.com/news/security/kansas-city-public-transportation-authority-hit-by-ransomware/>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



## Subscription Required

### ***Eager for economic wins biden to announce billions for advanced chips***

Source: [https://www.wsj.com/politics/policy/eager-for-economic-wins-biden-to-announce-billions-for-advanced-chips-7e341e30?mod=Searchresults\\_pos1&page=1](https://www.wsj.com/politics/policy/eager-for-economic-wins-biden-to-announce-billions-for-advanced-chips-7e341e30?mod=Searchresults_pos1&page=1)

From the Article: "The Biden administration, eager to highlight a signature economic initiative as elections approach, is expected to award billions of dollars in subsidies to Intel, Taiwan Semiconductor Manufacturing Co., or TSMC, and other top semiconductor companies in coming weeks to help build new factories."

### ***Gms cruise confirms doj investigation of driverless car incident b249c13b***

Source: <https://www.wsj.com/business/autos/gms-cruise-confirms-doj-investigation-of-driverless-car-incident-b249c13b?mod=djemalertNEWS>

From the Article: "Law firm hired by company found a failure of leadership in its dealings with regulators"

### ***Intel stock sinks on tepid sales forecast Lpmb04oz5y3Q4YQ8sd6a***

Source: [https://www.wsj.com/livecoverage/stock-market-today-dow-jones-earnings-01-26-2024/card/intel-stock-sinks-on-tepid-sales-forecast-Lpmb04oz5y3Q4YQ8sd6a?mod=Searchresults\\_pos2&page=1](https://www.wsj.com/livecoverage/stock-market-today-dow-jones-earnings-01-26-2024/card/intel-stock-sinks-on-tepid-sales-forecast-Lpmb04oz5y3Q4YQ8sd6a?mod=Searchresults_pos2&page=1)

From the Article: "Intel (INTC) shares tumbled Friday, weighing on the broader semiconductor sector, after the chip maker gave a tepid outlook for this quarter's sales."

### ***Dupont stock plummets on shaky outlook TSrjMGGMLHMLBqr4slj***

Source: [https://www.wsj.com/livecoverage/stock-market-today-dow-jones-earnings-01-24-2024/card/dupont-stock-plummets-on-shaky-outlook-TSrjMGGMLHMLBqr4slj?mod=Searchresults\\_pos3&page=1](https://www.wsj.com/livecoverage/stock-market-today-dow-jones-earnings-01-24-2024/card/dupont-stock-plummets-on-shaky-outlook-TSrjMGGMLHMLBqr4slj?mod=Searchresults_pos3&page=1)

From the Article: "DuPont's shares tumbled in morning trading after the chemical maker

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

issued an earnings outlook that was well below Wall Street expectations."

***Tech stocks nvidia microsoft rise 288c36d1***

Source: [https://www.wsj.com/finance/stocks/tech-stocks-nvidia-microsoft-rise-288c36d1?mod=Searchresults\\_pos5&page=1](https://www.wsj.com/finance/stocks/tech-stocks-nvidia-microsoft-rise-288c36d1?mod=Searchresults_pos5&page=1)

From the Article: "The largest tech stocks, which dominated the stock market last year, have once again rallied. The group has pulled the S&P 500 back to record highs for the first time in two years. Investors are once again pouring money into tech shares in a bid to keep pace."

***Wuxi apptec related shares tumble on proposed u s bill aimed at chinese biotech companies a2d1a5ab***

Source: [https://www.wsj.com/world/china/wuxi-apptec-related-shares-tumble-on-proposed-u-s-bill-aimed-at-chinese-biotech-companies-a2d1a5ab?mod=Searchresults\\_pos6&page=1](https://www.wsj.com/world/china/wuxi-apptec-related-shares-tumble-on-proposed-u-s-bill-aimed-at-chinese-biotech-companies-a2d1a5ab?mod=Searchresults_pos6&page=1)

From the Article: "Shares of the WuXi family of companies tumbled on concerns that a proposed bill will block the U.S. government from doing business with Chinese biotechnology companies due to alleged military ties, potentially broadening sanctions already existing in sectors from semiconductors to cotton trade."

***Heard on the street the chip industry is preparing for renewed growth BHJoBVRdMTy8iAnXvHpO***

Source: [https://www.wsj.com/livecoverage/stock-market-today-dow-jones-earnings-01-24-2024/card/heard-on-the-street-the-chip-industry-is-preparing-for-renewed-growth-BHJoBVRdMTy8iAnXvHpO?mod=Searchresults\\_pos7&page=1](https://www.wsj.com/livecoverage/stock-market-today-dow-jones-earnings-01-24-2024/card/heard-on-the-street-the-chip-industry-is-preparing-for-renewed-growth-BHJoBVRdMTy8iAnXvHpO?mod=Searchresults_pos7&page=1)

From the Article: "On Wednesday, the Dutch company that makes the world's most advanced semiconductor-manufacturing equipment reported bookings of 9.2 billion euros for the fourth quarter."

***Intel hopes for a factory reset a6OWCNSMraAyKjCaQndj***

Source: [https://www.wsj.com/livecoverage/stock-market-today-dow-jones-earnings-01-24-2024/card/intel-hopes-for-a-factory-reset-a6owcnsmraaykjcaqndj?mod=Searchresults\\_pos8&page=1](https://www.wsj.com/livecoverage/stock-market-today-dow-jones-earnings-01-24-2024/card/intel-hopes-for-a-factory-reset-a6owcnsmraaykjcaqndj?mod=Searchresults_pos8&page=1)

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

[26-2024/card/intel-hopes-for-a-factory-reset-a6OWCNSMraAyKjCaQndj?mod=Searchresults\\_pos8&page=1](https://www.wsj.com/26-2024/card/intel-hopes-for-a-factory-reset-a6OWCNSMraAyKjCaQndj?mod=Searchresults_pos8&page=1)

From the Article: "The chip maker's fourth-quarter results late Thursday included a highly disappointing forecast for the first quarter. Intel says it expects revenue in the range of \$12.2 billion to \$13.2 billion, the midpoint of which was 10% below Wall Street's consensus forecast. Intel's shares slid nearly 11% Friday, putting the stock in line for its worst day in more than two years."

***A smarter way to play china bailout roulette 8502fb02***

Source: [https://www.wsj.com/finance/stocks/a-smarter-way-to-play-china-bailout-roulette-8502fb02?mod=Searchresults\\_pos11&page=1](https://www.wsj.com/finance/stocks/a-smarter-way-to-play-china-bailout-roulette-8502fb02?mod=Searchresults_pos11&page=1)

From the Article: "Will Beijing bring out its big bazooka to rescue China's battered stock market? That is the billion-dollar question as investors try to time the bottom for Chinese stocks. But they might be wise to also look at some easier bets."

***Why it makes sense for new ev drivers to look beyond tesla 44a78425***

Source: [https://www.wsj.com/business/autos/why-it-makes-sense-for-new-ev-drivers-to-look-beyond-tesla-44a78425?mod=Searchresults\\_pos12&page=1](https://www.wsj.com/business/autos/why-it-makes-sense-for-new-ev-drivers-to-look-beyond-tesla-44a78425?mod=Searchresults_pos12&page=1)

From the Article: "For consumers, it makes a lot of sense to lease an electric vehicle instead of buying one. For the companies on the other side of the trade, not so much."

***Layoffs remote work data 980ed59d***

Source: [https://www.wsj.com/lifestyle/careers/layoffs-remote-work-data-980ed59d?mod=Searchresults\\_pos15&page=1](https://www.wsj.com/lifestyle/careers/layoffs-remote-work-data-980ed59d?mod=Searchresults_pos15&page=1)

From the Article: "Laying off employees is complicated. New data suggests that managers tend to have an easier time showing remote workers the door. "

***Intel intc q4 earnings report 2023 8b61b812***

Source: [https://www.wsj.com/business/earnings/intel-intc-q4-earnings-report-2023-8b61b812?mod=Searchresults\\_pos1&page=1](https://www.wsj.com/business/earnings/intel-intc-q4-earnings-report-2023-8b61b812?mod=Searchresults_pos1&page=1)

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "Intel gave a tepid outlook for sales in its current quarter, signaling further challenges for the chip maker's self-driving and programmable-chip businesses amid signs that the PC market is starting to recover."

***The samsung rival taking an early lead in the race for ai memory chips ff0e6538***

Source: [https://www.wsj.com/business/the-samsung-rival-taking-an-early-lead-in-the-race-for-ai-memory-chips-ff0e6538?mod=Searchresults\\_pos3&page=1](https://www.wsj.com/business/the-samsung-rival-taking-an-early-lead-in-the-race-for-ai-memory-chips-ff0e6538?mod=Searchresults_pos3&page=1)

From the Article: "Sales of SK Hynix's memory chips used by AI have boomed—but it faces a major fight with its Korean rival."

***Stock market today dow jones earnings 01 26 2024***

Source: [https://www.wsj.com/livecoverage/stock-market-today-dow-jones-earnings-01-26-2024?mod=Searchresults\\_pos4&page=1](https://www.wsj.com/livecoverage/stock-market-today-dow-jones-earnings-01-26-2024?mod=Searchresults_pos4&page=1)

From the Article: "The rally in chip stocks faltered Friday, a downbeat note even as all three major U.S. indexes logged weekly gains. Read the day's markets recap here."

***Apple boeing gm usher in latest week of packed earnings 5905cffe***

Source: [https://www.wsj.com/business/earnings/apple-boeing-gm-usher-in-latest-week-of-packed-earnings-5905cffe?mod=Searchresults\\_pos9&page=1](https://www.wsj.com/business/earnings/apple-boeing-gm-usher-in-latest-week-of-packed-earnings-5905cffe?mod=Searchresults_pos9&page=1)

From the Article: "Apple, Starbucks and General Motors are among the companies reporting earnings in the coming days, providing investors clues as to whether accelerated consumer spending will continue to bolster the U.S. economy."

***Global stocks markets dow news 01 26 2024 05099cf8***

Source: [https://www.wsj.com/finance/stocks/global-stocks-markets-dow-news-01-26-2024-05099cf8?mod=Searchresults\\_pos19&page=1](https://www.wsj.com/finance/stocks/global-stocks-markets-dow-news-01-26-2024-05099cf8?mod=Searchresults_pos19&page=1)

From the Article: "The benchmark index fell 0.1%, while the Dow industrials edged up 0.2%, or 60 points, to hit a new high. The tech-heavy Nasdaq Composite declined 0.4%. All three indexes finished the week higher. "

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***Mckinseys top leader faces vote to unseat him d172c03e***

Source: [https://www.wsj.com/finance/investing/mckinseys-top-leader-faces-vote-to-unseat-him-d172c03e?mod=Searchresults\\_pos20&page=1](https://www.wsj.com/finance/investing/mckinseys-top-leader-faces-vote-to-unseat-him-d172c03e?mod=Searchresults_pos20&page=1)

From the Article: "The leadership of consulting giant McKinsey was thrown into doubt this week when its global managing partner, Bob Sternfels, failed to win a majority of support from the firm's senior partners for another three-year term. "

***Tesla makes it harder for investors to ignore its problems 511a2c40***

Source: [https://www.wsj.com/business/autos/tesla-makes-it-harder-for-investors-to-ignore-its-problems-511a2c40?mod=Searchresults\\_pos9&page=2](https://www.wsj.com/business/autos/tesla-makes-it-harder-for-investors-to-ignore-its-problems-511a2c40?mod=Searchresults_pos9&page=2)

From the Article: "Despite being valued like a technology company, Tesla has run into an old-fashioned car-industry problem: the model cycle."

***Global stocks markets dow news 01 23 2024 0ad6a147***

Source: [https://www.wsj.com/finance/stocks/global-stocks-markets-dow-news-01-23-2024-0ad6a147?mod=Searchresults\\_pos11&page=2](https://www.wsj.com/finance/stocks/global-stocks-markets-dow-news-01-23-2024-0ad6a147?mod=Searchresults_pos11&page=2)

From the Article: "Investors were quick to reward some companies and punish others, sending shares of United Airlines Holdings up 5.3% and 3M's stock down 11%."

***The ipo market is struggling in its first big test of the year 2b06540a***

Source: [https://www.wsj.com/finance/stocks/the-ipo-market-is-struggling-in-its-first-big-test-of-the-year-2b06540a?mod=Searchresults\\_pos12&page=2](https://www.wsj.com/finance/stocks/the-ipo-market-is-struggling-in-its-first-big-test-of-the-year-2b06540a?mod=Searchresults_pos12&page=2)

From the Article: "Wall Street has been hoping for IPOs to make a comeback in 2024. One of the first major debuts planned is off to a rocky start."

***Global stocks markets dow news 01 24 2024 0998cc2d*****[Link back to Table of Contents](#)**

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: [https://www.wsj.com/finance/stocks/global-stocks-markets-dow-news-01-24-2024-0998cc2d?mod=Searchresults\\_pos14&page=2](https://www.wsj.com/finance/stocks/global-stocks-markets-dow-news-01-24-2024-0998cc2d?mod=Searchresults_pos14&page=2)

From the Article: "Strong showings from most of the "Magnificent Seven" stocks helped drive major indexes into the green. Microsoft rose 0.9 % to a new all-time high after touching a market capitalization above \$3 trillion during trading, joining Apple as the only U.S. companies to do so."

### ***Esg forget term 2b9e57e8***

Source: [https://www.wsj.com/business/c-suite/esg-forget-term-2b9e57e8?mod=Searchresults\\_pos17&page=2](https://www.wsj.com/business/c-suite/esg-forget-term-2b9e57e8?mod=Searchresults_pos17&page=2)

From the Article: "Executives who consider environmental, social and corporate-governance criteria have been under attack lately, accused by critics of practicing "socialism," or trying to act "woke.""

### ***Global supply chains are in flux here s what s changing according to citi EW3wfkfuVptN4vM0giDP***

Source: [https://www.wsj.com/livecoverage/stock-market-today-dow-jones-earnings-01-23-2024/card/global-supply-chains-are-in-flux-here-s-what-s-changing-according-to-citi--EW3wfkfuVptN4vM0giDP?mod=Searchresults\\_pos1&page=1](https://www.wsj.com/livecoverage/stock-market-today-dow-jones-earnings-01-23-2024/card/global-supply-chains-are-in-flux-here-s-what-s-changing-according-to-citi--EW3wfkfuVptN4vM0giDP?mod=Searchresults_pos1&page=1)

From the Article: "Companies face a range of global supply-chain headaches, even as pressures stemming from the pandemic have eased, Citi says."

### ***The middle east crisis is starting to weigh on the economy 6c2302a1***

Source: [https://www.wsj.com/business/logistics/the-middle-east-crisis-is-starting-to-weigh-on-the-economy-6c2302a1?mod=Searchresults\\_pos2&page=1](https://www.wsj.com/business/logistics/the-middle-east-crisis-is-starting-to-weigh-on-the-economy-6c2302a1?mod=Searchresults_pos2&page=1)

From the Article: "Europe's economy is beginning to feel the pain from supply-chain disruptions caused by the crisis in the Middle East."

### ***Retailers return to bringing in inventory just in time 4613e3ee***

Source: <https://www.wsj.com/articles/retailers-return-to-bringing-in-inventory-just-in->  
[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

[time-4613e3ee?mod=Searchresults\\_pos3&page=1](#)

From the Article: "Retailers are reviving an old playbook to manage their inventory levels after four years of struggling to find the sweet spot of holding enough merchandise but not too much."

***Red sea houthis disruptions retail 507ac940***

Source: [https://www.wsj.com/business/logistics/red-sea-houthis-disruptions-retail-507ac940?mod=Searchresults\\_pos4&page=1](https://www.wsj.com/business/logistics/red-sea-houthis-disruptions-retail-507ac940?mod=Searchresults_pos4&page=1)

From the Article: "Just when apparel retailers thought supply-chain disruptions were behind them, they are staring down yet another bottleneck in the Red Sea. While the resulting shipping-cost surges are nowhere near the sticker shock seen in 2021, uneven delivery schedules come with the risk of out-of-season merchandise and heavy discounts."

***Ge gives muted outlook as breakup looms knocking stock YFz5PpHrjKmSfxNLgHH3***

Source: [https://www.wsj.com/livecoverage/stock-market-today-dow-jones-earnings-01-23-2024/card/ge-gives-muted-outlook-as-breakup-looms-knocking-stock-YFz5PpHrjKmSfxNLgHH3?mod=Searchresults\\_pos5&page=1](https://www.wsj.com/livecoverage/stock-market-today-dow-jones-earnings-01-23-2024/card/ge-gives-muted-outlook-as-breakup-looms-knocking-stock-YFz5PpHrjKmSfxNLgHH3?mod=Searchresults_pos5&page=1)

From the Article: "General Electric's shares slipped after the company gave a muted outlook for 2024 that overshadowed its narrower-than-expected decline in fourth-quarter earnings."

***Houthi attacks wont threaten global natural gas security 72628e8d***

Source: [https://www.wsj.com/finance/commodities-futures/houthi-attacks-wont-threaten-global-natural-gas-security-72628e8d?mod=Searchresults\\_pos7&page=1](https://www.wsj.com/finance/commodities-futures/houthi-attacks-wont-threaten-global-natural-gas-security-72628e8d?mod=Searchresults_pos7&page=1)

From the Article: "Winter is warmer than usual in Northeast Asia and the Chinese economy is cooler. One result: Prices of liquefied natural gas are chilling quickly and will probably remain muted."

***Labor supply helped tame inflation it might not have much more to give 0d694844***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: [https://www.wsj.com/economy/jobs/labor-supply-helped-tame-inflation-it-might-not-have-much-more-to-give-0d694844?mod=Searchresults\\_pos8&page=1](https://www.wsj.com/economy/jobs/labor-supply-helped-tame-inflation-it-might-not-have-much-more-to-give-0d694844?mod=Searchresults_pos8&page=1)

From the Article: "Many workers came off the sidelines to join the labor force in 2022 and 2023, aiding the Federal Reserve's fight to tame inflation by easing labor shortages and putting downward pressure on wage growth."

***Private equity owned medical apparel seller careismatic files for bankruptcy 357e17e7***

Source: [https://www.wsj.com/articles/private-equity-owned-medical-apparel-seller-careismatic-files-for-bankruptcy-357e17e7?mod=Searchresults\\_pos10&page=1](https://www.wsj.com/articles/private-equity-owned-medical-apparel-seller-careismatic-files-for-bankruptcy-357e17e7?mod=Searchresults_pos10&page=1)

From the Article: "Medical scrubs designer and distributor Careismatic Brands filed for bankruptcy to eliminate \$833 million in debt, a restructuring prompted by falling demand and higher interest rates."

***Armed with new 3.8 billion fund arlington capital forms defense manufacturer keel 0646ee40***

Source: [https://www.wsj.com/articles/armed-with-new-3-8-billion-fund-arlington-capital-forms-defense-manufacturer-keel-0646ee40?mod=Searchresults\\_pos12&page=1](https://www.wsj.com/articles/armed-with-new-3-8-billion-fund-arlington-capital-forms-defense-manufacturer-keel-0646ee40?mod=Searchresults_pos12&page=1)

From the Article: "Keel Holdings combines three companies, including investments from Arlington's just-closed \$3.8 billion fund, and aims to build a supply base for the military to speed up production."

***Sion power raises 75 million for push to build a better ev battery 5c38ab5d***

Source: [https://www.wsj.com/articles/sion-power-raises-75-million-for-push-to-build-a-better-ev-battery-5c38ab5d?mod=Searchresults\\_pos13&page=1](https://www.wsj.com/articles/sion-power-raises-75-million-for-push-to-build-a-better-ev-battery-5c38ab5d?mod=Searchresults_pos13&page=1)

From the Article: "Many would-be electric-vehicle buyers say they are stuck on range. If only that EV at the dealership could ferry them on a single charge for, say, a day's drive home for the holidays."

***Ocean shipping rates surge as red sea attacks continue 2c21beeb***

Source: <https://www.wsj.com/articles/ocean-shipping-rates-surge-as-red-sea-attacks->  
[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



[continue-2c21beeb?mod=Searchresults\\_pos14&page=1](#)

From the Article: "Global shipping prices are continuing to rise as Houthi rebels keep up attacks on cargo vessels in and around the Red Sea."

### ***What executives were saying about sustainability at davos a1b7fea2***

Source: [https://www.wsj.com/articles/what-executives-were-saying-about-sustainability-at-davos-a1b7fea2?mod=Searchresults\\_pos16&page=1](https://www.wsj.com/articles/what-executives-were-saying-about-sustainability-at-davos-a1b7fea2?mod=Searchresults_pos16&page=1)

From the Article: "Just weeks after the COP28 climate summit in Dubai, many of the same leaders gathered for the annual World Economic Forum's premier event in Davos, Switzerland. WEF's Global Risks Report 2024 showed a predominantly negative outlook for the world for the next two years and one that gets even worse over the coming decade."

### ***Enforcement of china forced labor import ban needs to be much tougher say u s lawmakers 4fce562f***

Source: [https://www.wsj.com/articles/enforcement-of-china-forced-labor-import-ban-needs-to-be-much-tougher-say-u-s-lawmakers-4fce562f?mod=Searchresults\\_pos18&page=1](https://www.wsj.com/articles/enforcement-of-china-forced-labor-import-ban-needs-to-be-much-tougher-say-u-s-lawmakers-4fce562f?mod=Searchresults_pos18&page=1)

From the Article: "The bipartisan leaders of an influential congressional committee have urged the Biden administration to do more to crack down on the import of goods linked to Chinese forced labor, including by potentially ramping up criminal prosecutions and closing a trade loophole used by e-commerce companies Shein and Temu."

### ***Ai delivery faster cheaper 37566215***

Source: [https://www.wsj.com/tech/ai/ai-delivery-faster-cheaper-37566215?mod=Searchresults\\_pos20&page=1](https://www.wsj.com/tech/ai/ai-delivery-faster-cheaper-37566215?mod=Searchresults_pos20&page=1)

From the Article: "Order a package? AI researchers are hunting for the best way to get it to your doorstep."

### ***Why America's controls on sales of AI tech to China are so leaky***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.economist.com/business/2024/01/21/why-americas-controls-on-sales-of-ai-tech-to-china-are-so-leaky>

From the Article: "For increasingly hawkish lawmakers, that's a problem"

***New york city passed an ai hiring law so far few companies are following it 7e31a5b7***

Source: [https://www.wsj.com/business/new-york-city-passed-an-ai-hiring-law-so-far-few-companies-are-following-it-7e31a5b7?mod=Searchresults\\_pos1&page=2](https://www.wsj.com/business/new-york-city-passed-an-ai-hiring-law-so-far-few-companies-are-following-it-7e31a5b7?mod=Searchresults_pos1&page=2)

From the Article: "It has been six months since New York City began enforcing the nation's first law requiring companies to disclose how algorithms influence their hiring decisions. So far, disclosures are rare. "

***Ahead of new hampshires gop primary a look at the granite states economy ca10f4b9***

Source: [https://www.wsj.com/politics/elections/ahead-of-new-hampshires-gop-primary-a-look-at-the-granite-states-economy-ca10f4b9?mod=Searchresults\\_pos17&page=2](https://www.wsj.com/politics/elections/ahead-of-new-hampshires-gop-primary-a-look-at-the-granite-states-economy-ca10f4b9?mod=Searchresults_pos17&page=2)

From the Article: "This special edition of the Politics & Policy Newsletter focuses on how New Hampshire is faring compared with the rest of the nation"

***Ukraine strikes russian fuel terminal on baltic sea in long range attack 76692dd5***

Source: [https://www.wsj.com/world/europe/ukraine-strikes-russian-fuel-terminal-on-baltic-sea-in-long-range-attack-76692dd5?mod=Searchresults\\_pos19&page=2](https://www.wsj.com/world/europe/ukraine-strikes-russian-fuel-terminal-on-baltic-sea-in-long-range-attack-76692dd5?mod=Searchresults_pos19&page=2)

From the Article: "Ukraine hit a Russian fuel terminal on the Baltic Sea, one of its longest-range strikes yet in a growing effort to damage Russia's war economy."

***Deep freeze knocked out millions of barrels of u s oil output wDbMi8wUixPUM9Gw9UZ1***

Source: [https://www.wsj.com/livecoverage/stock-market-today-dow-jones-earnings-01-24-2024/card/deep-freeze-knocked-out-millions-of-barrels-of-u-s-oil-output-wDbMi8wUixPUM9Gw9UZ1?mod=Searchresults\\_pos20&page=2](https://www.wsj.com/livecoverage/stock-market-today-dow-jones-earnings-01-24-2024/card/deep-freeze-knocked-out-millions-of-barrels-of-u-s-oil-output-wDbMi8wUixPUM9Gw9UZ1?mod=Searchresults_pos20&page=2)

From the Article: "After winter storms slammed prolific shale plays in North Dakota and Texas, U.S. crude output slowed by about 1 million barrels a day for the week ended

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Jan. 19, federal recordkeepers say. That pullback is equivalent to roughly 7.5% of typical daily domestic production."

***Negative advertising consumer brands 9b80f299***

Source: [https://www.wsj.com/business/retail/negative-advertising-consumer-brands-9b80f299?mod=Searchresults\\_pos1&page=3](https://www.wsj.com/business/retail/negative-advertising-consumer-brands-9b80f299?mod=Searchresults_pos1&page=3)

From the Article: "Plenty of research shows that negative advertising pays off in politics, partly because it helps voters recognize weaknesses in an opposing candidate that otherwise might remain hidden."

***Some private equity firms stick with natural gas despite climate concerns bb767750***

Source: [https://www.wsj.com/articles/some-private-equity-firms-stick-with-natural-gas-despite-climate-concerns-bb767750?mod=Searchresults\\_pos2&page=3](https://www.wsj.com/articles/some-private-equity-firms-stick-with-natural-gas-despite-climate-concerns-bb767750?mod=Searchresults_pos2&page=3)

From the Article: "Some private-equity firms are pressing forward with investments in natural gas, betting that sustained demand for the fuel will trump opposition to expanding gas infrastructure while many governments worldwide prioritize a shift to clean energy."

***Biden pauses approvals for lng exports 3d065745***

Source: [https://www.wsj.com/politics/policy/biden-pauses-approvals-for-lng-exports-3d065745?mod=Searchresults\\_pos11&page=3](https://www.wsj.com/politics/policy/biden-pauses-approvals-for-lng-exports-3d065745?mod=Searchresults_pos11&page=3)

From the Article: "The Biden administration effectively froze the approval process for new plants to export U.S. liquefied natural gas, bowing to demands from environmental groups and angering oil-and-gas companies."

***National security adviser jake sullivan to meet chinas wang yi for talks on houthi attacks in red sea 51f28d8f***

Source: [https://www.wsj.com/world/middle-east/national-security-adviser-jake-sullivan-to-meet-chinas-wang-yi-for-talks-on-houthi-attacks-in-red-sea-51f28d8f?mod=Searchresults\\_pos14&page=3](https://www.wsj.com/world/middle-east/national-security-adviser-jake-sullivan-to-meet-chinas-wang-yi-for-talks-on-houthi-attacks-in-red-sea-51f28d8f?mod=Searchresults_pos14&page=3)

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "U.S. national security adviser Jake Sullivan is flying to Thailand to discuss the Houthi attacks on Red Sea shipping and a range of other issues with China's foreign minister Wang Yi, U.S. officials said."

***China urges iran to lean on houthis to halt red sea attacks iranian officials say 2b0fb57b***

Source: [https://www.wsj.com/world/middle-east/china-urges-iran-to-lean-on-houthis-to-halt-red-sea-attacks-iranian-officials-say-2b0fb57b?mod=Searchresults\\_pos15&page=3](https://www.wsj.com/world/middle-east/china-urges-iran-to-lean-on-houthis-to-halt-red-sea-attacks-iranian-officials-say-2b0fb57b?mod=Searchresults_pos15&page=3)

From the Article: "A Yemeni rebel group launched missiles at a U.S. destroyer and a British tanker, as China pressed Iran to lean on the Houthis to halt their attacks in the Red Sea that have sent global shipping costs surging."

***Nokia starts to see green shoots despite continuing challenges 57f7def8***

Source: [https://www.wsj.com/business/telecom/nokia-starts-to-see-green-shoots-despite-continuing-challenges-57f7def8?mod=Searchresults\\_pos17&page=3](https://www.wsj.com/business/telecom/nokia-starts-to-see-green-shoots-despite-continuing-challenges-57f7def8?mod=Searchresults_pos17&page=3)

From the Article: "Nokia expects the challenging network industry environment to continue through the first half of 2024 as operator spending remains muted, but the situation should improve later in the year, it said."

***U s issues 15 million bounty targeting alleged iran drone middleman 6bde3bf9***

Source: [https://www.wsj.com/articles/u-s-issues-15-million-bounty-targeting-alleged-iran-drone-middleman-6bde3bf9?mod=Searchresults\\_pos18&page=3](https://www.wsj.com/articles/u-s-issues-15-million-bounty-targeting-alleged-iran-drone-middleman-6bde3bf9?mod=Searchresults_pos18&page=3)

From the Article: "The U.S. said it would pay up to \$15 million for tips on Hossein Hatefi Ardakani, an Iranian businessman who is alleged to have helped acquire technology for attack drones sold to Russia."

***Ericsson sees network challenges continuing in 2024 0c127a4e***

Source: [https://www.wsj.com/business/telecom/ericsson-sees-network-challenges-continuing-in-2024-0c127a4e?mod=Searchresults\\_pos19&page=3](https://www.wsj.com/business/telecom/ericsson-sees-network-challenges-continuing-in-2024-0c127a4e?mod=Searchresults_pos19&page=3)

From the Article: "Ericsson expects challenges in the mobile-network industry to continue this year as customers remain cautious about spending and as the investment

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

pace normalizes in its key Indian market."

### ***Retailers reduce racial profiling 65a32d27***

Source: [https://www.wsj.com/business/retail/retailers-reduce-racial-profiling-65a32d27?mod=Searchresults\\_pos20&page=3](https://www.wsj.com/business/retail/retailers-reduce-racial-profiling-65a32d27?mod=Searchresults_pos20&page=3)

From the Article: "In a video, an unseen customer enters an upscale clothing store without being greeted by salespeople. Moments later, a saleswoman suggests the customer visit a cheaper outlet. And as the customer leaves without buying anything, a salesman mistakenly requests a receipt."

### ***Heating your house will be cheaper this winter thanks to natural gas boom 315bf682***

Source: [https://www.wsj.com/finance/commodities-futures/heating-your-house-will-be-cheaper-this-winter-thanks-to-natural-gas-boom-315bf682?mod=Searchresults\\_pos5&page=4](https://www.wsj.com/finance/commodities-futures/heating-your-house-will-be-cheaper-this-winter-thanks-to-natural-gas-boom-315bf682?mod=Searchresults_pos5&page=4)

From the Article: "U.S. natural-gas production notched new highs in December, pushing down prices for the heating fuel despite the frigid start to 2024. "

### ***Consumers simple packaging 5f49f46e***

Source: [https://www.wsj.com/business/retail/consumers-simple-packaging-5f49f46e?mod=Searchresults\\_pos7&page=4](https://www.wsj.com/business/retail/consumers-simple-packaging-5f49f46e?mod=Searchresults_pos7&page=4)

From the Article: "Researchers say minimalist packaging tends to increase the perceived purity and value of food items—unless the product in question is a store brand or junk food."

### ***Apple boeing gm usher in latest week of packed earnings 5905cffe***

Source: [https://www.wsj.com/business/earnings/apple-boeing-gm-usher-in-latest-week-of-packed-earnings-5905cffe?mod=Searchresults\\_pos8&page=4](https://www.wsj.com/business/earnings/apple-boeing-gm-usher-in-latest-week-of-packed-earnings-5905cffe?mod=Searchresults_pos8&page=4)

From the Article: "Apple, Starbucks and General Motors are among the companies reporting earnings in the coming days, providing investors clues as to whether accelerated consumer spending will continue to bolster the U.S. economy."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***Eu tackles new 20 billion plan to boost ukraine military aid 79d52b6b***

Source: [https://www.wsj.com/world/europe/eu-tackles-new-20-billion-plan-to-boost-ukraine-military-aid-79d52b6b?mod=Searchresults\\_pos13&page=4](https://www.wsj.com/world/europe/eu-tackles-new-20-billion-plan-to-boost-ukraine-military-aid-79d52b6b?mod=Searchresults_pos13&page=4)

From the Article: "European Union officials will this week start tackling a new plan to unlock tens of billions of dollars in military assistance for Ukraine, seeking to revamp a critical aid program bogged down by internal divisions."

***Ecb holds rates as investors shift expectations of cuts 9ea733a5***

Source: [https://www.wsj.com/economy/central-banking/ecb-holds-rates-as-investors-shift-expectations-of-cuts-9ea733a5?mod=Searchresults\\_pos17&page=4](https://www.wsj.com/economy/central-banking/ecb-holds-rates-as-investors-shift-expectations-of-cuts-9ea733a5?mod=Searchresults_pos17&page=4)

From the Article: "The European Central Bank held its key interest rate at a record high but kept open the door to rate cuts as soon as the spring, sending the euro lower and share prices higher across eurozone markets."

***Tiny gaza is home to most of the worlds hungriest people df62eeda***

Source: [https://www.wsj.com/world/middle-east/tiny-gaza-is-home-to-most-of-the-worlds-hungriest-people-df62eeda?mod=Searchresults\\_pos19&page=4](https://www.wsj.com/world/middle-east/tiny-gaza-is-home-to-most-of-the-worlds-hungriest-people-df62eeda?mod=Searchresults_pos19&page=4)

From the Article: "As war grinds on, the already desperate humanitarian situation in Gaza is deteriorating into chaos."

***Amazon hopes to dominate the world of streaming ads it faces some challenges along the way 7176a7a2***

Source: [https://www.wsj.com/articles/amazon-hopes-to-dominate-the-world-of-streaming-ads-it-faces-some-challenges-along-the-way-7176a7a2?mod=Searchresults\\_pos3&page=5](https://www.wsj.com/articles/amazon-hopes-to-dominate-the-world-of-streaming-ads-it-faces-some-challenges-along-the-way-7176a7a2?mod=Searchresults_pos3&page=5)

From the Article: "The arrival of ads on Amazon Prime Video this month is expected to upend the already crowded streaming television market in the U.S. But it also won't be an entirely smooth transition for Amazon."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***The most important man in finance youve never heard of 58069d32***

Source: [https://www.wsj.com/finance/investing/the-most-important-man-in-finance-youve-never-heard-of-58069d32?mod=Searchresults\\_pos5&page=5](https://www.wsj.com/finance/investing/the-most-important-man-in-finance-youve-never-heard-of-58069d32?mod=Searchresults_pos5&page=5)

From the Article: "As the Treasury Department's assistant secretary for financial markets, he sets the mix of U.S. government bonds sold to investors, a process guided by the department's mantra to be "regular and predictable." "

***Vista global private jet market ad1e4727***

Source: [https://www.wsj.com/finance/vista-global-private-jet-market-ad1e4727?mod=Searchresults\\_pos6&page=5](https://www.wsj.com/finance/vista-global-private-jet-market-ad1e4727?mod=Searchresults_pos6&page=5)

From the Article: "Private jets were a rare pandemic winner in the otherwise decimated travel business. Now that they are coming back down to earth, one heavily indebted operator could give the industry a hard landing."

***Palantir technologies stock business outlook 515f1b5a***

Source: [https://www.wsj.com/business/palantir-technologies-stock-business-outlook-515f1b5a?mod=Searchresults\\_pos9&page=5](https://www.wsj.com/business/palantir-technologies-stock-business-outlook-515f1b5a?mod=Searchresults_pos9&page=5)

From the Article: "Palantir Technologies used its data-mining skills in Washington to help build a \$36 billion company. Now, it is confronting the challenges of doing business with the U.S. government."

***Employees slow down work 3a0e0866***

Source: [https://www.wsj.com/lifestyle/careers/employees-slow-down-work-3a0e0866?mod=Searchresults\\_pos16&page=5](https://www.wsj.com/lifestyle/careers/employees-slow-down-work-3a0e0866?mod=Searchresults_pos16&page=5)

From the Article: "What manager hasn't heard—and repeated—that mantra? What employee hasn't heard that the goal is to move quickly and maybe even break things, that companies saddled with rules and red tape are bound to be lapped by more-nimble competitors?"

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***Angola africa china us railroad f0e23523***

Source: [https://www.wsj.com/world/africa/angola-africa-china-us-railroad-f0e23523?mod=Searchresults\\_pos4&page=6](https://www.wsj.com/world/africa/angola-africa-china-us-railroad-f0e23523?mod=Searchresults_pos4&page=6)

From the Article: "In 2012, a Chinese state company finished building the train station in this central Angolan town and installed an illuminated computer-controlled board to show departure times and ticket prices. Then the contractors decamped for China and, according to Angolan railway employees, neglected to tell anyone the computer password."

***Cyber management details emerge under sec rules 83b92b41***

Source: [https://www.wsj.com/articles/cyber-management-details-emerge-under-sec-rules-83b92b41?mod=Searchresults\\_pos1&page=1](https://www.wsj.com/articles/cyber-management-details-emerge-under-sec-rules-83b92b41?mod=Searchresults_pos1&page=1)

From the Article: "Regulatory filings from defense company Lockheed Martin and other large corporations under strict new federal disclosure rules are setting early expectations for how much companies must disclose about their cybersecurity programs. "

***Microsoft balances sec disclosure rules after email hack c571c6ff***

Source: [https://www.wsj.com/articles/microsoft-balances-sec-disclosure-rules-after-email-hack-c571c6ff?mod=Searchresults\\_pos2&page=1](https://www.wsj.com/articles/microsoft-balances-sec-disclosure-rules-after-email-hack-c571c6ff?mod=Searchresults_pos2&page=1)

From the Article: "Microsoft's regulatory disclosure Friday of a cyberattack on senior executives' email accounts shows the interpretation of materiality is expanding under new federal cybersecurity rules. "

***Australia sanctions russian individual for medibank cyberattack 314cf7b3***

Source: [https://www.wsj.com/articles/australia-sanctions-russian-individual-for-medibank-cyberattack-314cf7b3?mod=Searchresults\\_pos3&page=1](https://www.wsj.com/articles/australia-sanctions-russian-individual-for-medibank-cyberattack-314cf7b3?mod=Searchresults_pos3&page=1)

From the Article: "Australia has sanctioned a Russian individual for his role in a cyberattack on health insurer Medibank, the first time that Australia's cyber sanctions framework has been used, officials said."

***[Link back to Table of Contents](#)***

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



***Hewlett packard enterprise suffered cyber breach over months last year 4f2b0241***

Source: [https://www.wsj.com/articles/hewlett-packard-enterprise-suffered-cyber-breach-over-months-last-year-4f2b0241?mod=Searchresults\\_pos5&page=1](https://www.wsj.com/articles/hewlett-packard-enterprise-suffered-cyber-breach-over-months-last-year-4f2b0241?mod=Searchresults_pos5&page=1)

From the Article: "In a regulatory filing, the company said it suspected the Russia-sponsored Midnight Blizzard group of the intrusion, which it said had been addressed."

***Equilend a securities lending platform hit by cyberattack f219bdf***

Source: [https://www.wsj.com/articles/equilend-a-securities-lending-platform-hit-by-cyberattack-f219bdf?mod=Searchresults\\_pos6&page=1](https://www.wsj.com/articles/equilend-a-securities-lending-platform-hit-by-cyberattack-f219bdf?mod=Searchresults_pos6&page=1)

From the Article: "EquiLend Holdings, a financial technology company at the center of the securities-lending market, said hackers took several of its systems offline this week, and added that restoring them may take days. "

***Copyright ai works 87ae841a***

Source: [https://www.wsj.com/tech/ai/copyright-ai-works-87ae841a?mod=Searchresults\\_pos1&page=1](https://www.wsj.com/tech/ai/copyright-ai-works-87ae841a?mod=Searchresults_pos1&page=1)

From the Article: "Thanks to generative AI systems like ChatGPT, GPT-4 and Dall-E 2, novels can now be generated in days, songs composed faster than you can play them and pictures drawn in seconds—all based on massive machine-learning models that have sampled and remixed the canon of published works. "

***Can ai solve legacy tech problems companies are putting it to the test 36d9c490***

Source: [https://www.wsj.com/articles/can-ai-solve-legacy-tech-problems-companies-are-putting-it-to-the-test-36d9c490?mod=Searchresults\\_pos2&page=1](https://www.wsj.com/articles/can-ai-solve-legacy-tech-problems-companies-are-putting-it-to-the-test-36d9c490?mod=Searchresults_pos2&page=1)

From the Article: "Generative AI is starting to help business technology leaders with the long overdue task of modernizing their information-technology systems, some of them laden with code from a programming language that predates the Beatles."

***Ftc announces ai review to probe roles of microsoft open ai 4255398a***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: [https://www.wsj.com/tech/ai/ftc-announces-ai-review-to-probe-roles-of-microsoft-open-ai-4255398a?mod=Searchresults\\_pos3&page=1](https://www.wsj.com/tech/ai/ftc-announces-ai-review-to-probe-roles-of-microsoft-open-ai-4255398a?mod=Searchresults_pos3&page=1)

From the Article: "The Federal Trade Commission said it would investigate the growing arms race among the biggest technology companies to produce and commercialize artificial intelligence."

### ***How we can control ai 327eeecf***

Source: [https://www.wsj.com/tech/ai/how-we-can-control-ai-327eeecf?mod=Searchresults\\_pos4&page=1](https://www.wsj.com/tech/ai/how-we-can-control-ai-327eeecf?mod=Searchresults_pos4&page=1)

From the Article: "The technology's rapid advance threatens to overwhelm all efforts at regulation. We need our best tech experts competing to rein in AI as fast as companies are competing to build it."

### ***Microsoft closes above 3 trillion as its big ai play generates excitement e37ea2a4***

Source: [https://www.wsj.com/tech/microsoft-closes-above-3-trillion-as-its-big-ai-play-generates-excitement-e37ea2a4?mod=Searchresults\\_pos5&page=1](https://www.wsj.com/tech/microsoft-closes-above-3-trillion-as-its-big-ai-play-generates-excitement-e37ea2a4?mod=Searchresults_pos5&page=1)

From the Article: "Microsoft on Thursday became the second company ever to end the trading day valued at more than \$3 trillion, a milestone reflecting investor optimism that one of the oldest tech companies is leading an artificial-intelligence revolution. "

### ***Sap launches eur2 billion restructuring affecting 8 000 jobs amid ai push 121eb316***

Source: [https://www.wsj.com/business/earnings/sap-launches-eur2-billion-restructuring-affecting-8-000-jobs-amid-ai-push-121eb316?mod=Searchresults\\_pos8&page=1](https://www.wsj.com/business/earnings/sap-launches-eur2-billion-restructuring-affecting-8-000-jobs-amid-ai-push-121eb316?mod=Searchresults_pos8&page=1)

From the Article: "SAP SAP -0.47%decrease; red down pointing triangle plans to undertake a restructuring program this year that will affect some 8,000 jobs, ratcheting up its focus on artificial intelligence."

### ***Intel intc q4 earnings report 2023 8b61b812***

Source: [https://www.wsj.com/business/earnings/intel-intc-q4-earnings-report-2023-8b61b812?mod=Searchresults\\_pos9&page=1](https://www.wsj.com/business/earnings/intel-intc-q4-earnings-report-2023-8b61b812?mod=Searchresults_pos9&page=1)

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "Intel gave a tepid outlook for sales in its current quarter, signaling further challenges for the chip maker's self-driving and programmable-chip businesses amid signs that the PC market is starting to recover."

***Microsoft is back on track for a 3 trillion market cap 0u3r0qiNSMzlh0RpF5uw***

Source: [https://www.wsj.com/livecoverage/stock-market-today-dow-jones-earnings-01-25-2024/card/microsoft-is-back-on-track-for-a-3-trillion-market-cap-0u3r0qiNSMzlh0RpF5uw?mod=Searchresults\\_pos11&page=1](https://www.wsj.com/livecoverage/stock-market-today-dow-jones-earnings-01-25-2024/card/microsoft-is-back-on-track-for-a-3-trillion-market-cap-0u3r0qiNSMzlh0RpF5uw?mod=Searchresults_pos11&page=1)

From the Article: "Shares of Microsoft rose Thursday, logging another record close—and a first-ever finish with a market cap above \$3 trillion."

***Ibm revenue growth tops expectations on strong ai demand gdBJBVEvb05QNJn7Rq4k***

Source: [https://www.wsj.com/livecoverage/stock-market-today-dow-jones-earnings-01-24-2024/card/ibm-revenue-growth-tops-expectations-on-strong-ai-demand-gdBJBVEvb05QNJn7Rq4k?mod=Searchresults\\_pos12&page=1](https://www.wsj.com/livecoverage/stock-market-today-dow-jones-earnings-01-24-2024/card/ibm-revenue-growth-tops-expectations-on-strong-ai-demand-gdBJBVEvb05QNJn7Rq4k?mod=Searchresults_pos12&page=1)

From the Article: "International Business Machines' profit rose in the fourth quarter as strong demand for artificial intelligence pushed revenue higher than analysts had expected."

***How to get rid of phone distractions and get more done d1f9d63d***

Source: [https://www.wsj.com/tech/personal-tech/how-to-get-rid-of-phone-distractions-and-get-more-done-d1f9d63d?mod=Searchresults\\_pos2&page=2](https://www.wsj.com/tech/personal-tech/how-to-get-rid-of-phone-distractions-and-get-more-done-d1f9d63d?mod=Searchresults_pos2&page=2)

From the Article: "Every January, I usually purge old snail mail, clothes and unwanted knickknacks to start the year anew. This time, I focused on my digital spaces instead."

***Global emissions from electricity set to fall even as power demand climbs iea predicts 181b5227***

Source: [https://www.wsj.com/articles/global-emissions-from-electricity-set-to-fall-even-as-power-demand-climbs-iaa-predicts-181b5227?mod=Searchresults\\_pos3&page=2](https://www.wsj.com/articles/global-emissions-from-electricity-set-to-fall-even-as-power-demand-climbs-iaa-predicts-181b5227?mod=Searchresults_pos3&page=2)

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "Global demand for electricity is set to grow at a faster rate over the next three years, but with record power generation from renewables and nuclear expected to cover the surge, emissions will likely go into structural decline, according to the International Energy Agency."

### ***Stock market today dow jones earnings 01 25 2024***

Source: [https://www.wsj.com/livecoverage/stock-market-today-dow-jones-earnings-01-25-2024?mod=Searchresults\\_pos4&page=2](https://www.wsj.com/livecoverage/stock-market-today-dow-jones-earnings-01-25-2024?mod=Searchresults_pos4&page=2)

From the Article: "The S&P 500 notched another high Thursday after new economic data showed America defied projections of a recession last year."

### ***Why elon musk is comparing index fund consultants to isis dd8b9a90***

Source: [https://www.wsj.com/tech/why-elon-musk-is-comparing-index-fund-consultants-to-isis-dd8b9a90?mod=Searchresults\\_pos16&page=2](https://www.wsj.com/tech/why-elon-musk-is-comparing-index-fund-consultants-to-isis-dd8b9a90?mod=Searchresults_pos16&page=2)

From the Article: "Now, he appears worried that passive shareholders will indirectly turn on him as Tesla shares sink in the midst of investor anxiety that the company has let its product pipeline stagnate. "

### ***Sony's virtual studio aims to cut costs of Hollywood blockbusters***

Source: <https://asia.nikkei.com/Business/Media-Entertainment/Sony-s-virtual-studio-aims-to-cut-costs-of-Hollywood-blockbusters>

From the Article: "Sony Group has opened an advanced preproduction facility in California that helps movie creators save time and costs by bringing their visions to life before they are even filmed."

### ***Elon Musk: China automakers would 'demolish' rivals without trade barriers***

Source: <https://asia.nikkei.com/Business/Automobiles/Elon-Musk-China-automakers-would-demolish-rivals-without-trade-barriers>

From the Article: "Tesla CEO says competitor BYD still an important battery supplier"

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***OpenAI's Altman to meet Samsung, SK Hynix during Korea trip***

Source: <https://www.digitimes.com/news/a20240126VL207.html>

From the Article: "OpenAI Chief Executive Officer Sam Altman is visiting leaders of South Korea's semiconductor industry this week, as the artificial intelligence pioneer weighs an ambitious move into chip production."

***South Korea sees global export share ranking in key tech industries fall to 5th from 2nd place***

Source: <https://www.digitimes.com/news/a20240125PD202/south-korea-exports-memory-chips-market-share.html>

From the Article: "In the world's six major advanced industries, South Korea witnessed a substantial decline in its export share from 8.4% in 2018 to 6.5% in 2022, marking a significant 25% decrease over four years. This decline resulted in a drop in global ranking from second to fifth place. In contrast, Taiwan increased its share from 5.9% to 8.1% during the same period, securing the third position."

***Several new wafer fabs in Japan to come online in 2024***

Source: <https://www.digitimes.com/news/a20240125PD230/japan-wafer-fab-2024-ic-manufacturing.html>

From the Article: "In 2024, numerous Japanese and foreign semiconductor manufacturers will commence mass production at newly constructed wafer fabrication facilities in Japan. Industry sources claim that this will stimulate the growth and development of domestic semiconductor..."

***Intel reportedly to integrate Samsung's LPDDR5X in Lunar Lake CPU by 3D packaging***

Source: <https://www.digitimes.com/news/a20240125PD210/intel-samsung-lpddr5-cpu-3d-packaging.html>

From the Article: "Samsung Electronics and Intel have long competed with each other for first place in the fierce global semiconductor IDM market, and a fierce battle for orders and rankings has begun with Intel's return to the foundry market."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***Backend firm Lingsen reportedly in Humane Ai Pin supply chain***

Source: <https://www.digitimes.com/news/a20240125PD226/lingsen-ai-pin-supply-chain-packaging-testing.html>

From the Article: "Backend house Lingsen Precision Industries reportedly has entered the supply chain for US startup Humane's Ai Pin, according to industry sources."

***Upcoming flagship smartphones to drive power amplifier demand***

Source: <https://www.digitimes.com/news/a20240125PD227/5g-ai-smartphone-power-amplifier-demand-win-semiconductors.html>

From the Article: "The upcoming release of 5G and AI-capable smartphones will boost demand for Power Amplifiers (PA), benefiting industry suppliers such as Gallium Arsenide (GaAs) foundry Win Semiconductors (Win Semi)."

***ITRI unveils ambitious 2035 tech roadmap and sustainability initiatives***

Source: <https://www.digitimes.com/news/a20240125PD201/itri-technology-sustainability-roadmap-2035.html>

From the Article: "Taiwan's government-funded Industrial Technology Research Institute (ITRI) revealed its comprehensive 2035 technology strategy and roadmap on January 24, focusing on areas such as smart living, quality health, sustainable environment, resilient society,..."

***World's no. 2 memory chip maker SK Hynix reports surprise profit***

Source: <https://www.digitimes.com/news/a20240125VL203.html>

From the Article: "SK Hynix Inc. posted its first operating profit in more than a year and affirmed plans to build high-end memory capacity to meet AI demand, the latest to signal hope for a long-delayed rebound in 2024."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***China imports over 400 lithography machines from the Netherlands in past five years***

Source: <https://www.digitimes.com/news/a20240124VL203/china-equipment-lithography-netherlands.html>

From the Article: "As the US and its allies are imposing export restrictions on semiconductor equipment, China increased its chipmaking tool imports over the past year and doubled its imports of lithography equipment from the Netherlands."

***Smart homes to fuel growth for Chinese MCU businesses***

Source: <https://www.digitimes.com/news/a20240124PD221/smart-home-china-mcu-growth.html>

From the Article: "Chinese microcontroller unit (MCU) manufacturers are optimistic about the potential opportunities provided by smart homes as the generative AI trend extends across the market, according to industry sources."

***ASML orders triple as demand for most-advanced gear soars***

Source: <https://www.digitimes.com/news/a20240124VL207.html>

From the Article: "ASML Holding NV orders more than tripled last quarter from the previous three months as demand for its most sophisticated machines soared, in a sign that the semiconductor industry may be recovering."

***'Taiwanese Chips Act' to take effect in February, aiming to cement semiconductor leadership***

Source: <https://www.digitimes.com/news/a20240124PD201/taiwan-chips-act-semiconductor-industry-us-eu.html>

From the Article: "While the recent US CHIPS and Science Act, European Chips Act, and Japan's subsidy plan have enticed TSMC to build wafer fabs in the US, Germany, and Japan, Taiwan has responded with its own strategic move. "

***China's import of South Korean semiconductor materials skyrockets in 2023***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.digitimes.com/news/a20240124PD212/china-semiconductor-materials-south-korea.html>

From the Article: "To counter the ban imposed by the US to slow down its development of advanced semiconductors while ensuring its dominance in general-purpose semiconductors, China is aggressively importing semiconductor materials and components from South Korea."

### ***Supply chains shift to localized short chains***

Source: <https://www.digitimes.com/news/a20240123PD223/geopolitics-ic-manufacturing-production-relocation-supply-chain-us-china-trade-war.html>

From the Article: "The US-China trade war and its geopolitical ramifications have restructured the global supply chain, transforming long chains into localized short chains."

### ***Japan-based semiconductor equipment suppliers thrive with increased demand in China and generative AI***

Source: <https://www.digitimes.com/news/a20240123PD200/japan-semiconductor-equipment-china-demand-generative-ai.html>

From the Article: "Major Japan-based semiconductor equipment saw their market capitalization more than double in 2023, with other suppliers reporting nearly doubling of their market valuations, highlighting the demands for semiconductor equipment when chipmakers are expanding..."

### ***TSMC and Samsung accelerate UCIe commercialization, entering chiplet mass production race in 1H24***

Source: <https://www.digitimes.com/news/a20240122PD203/chiplet-samsung-tsmc-ucie.html>

From the Article: "TSMC and Samsung Electronics are gearing up for a chiplet mass production race. Both industry giants are set to materialize the commercialization of UCIe (Universal Chiplet Interconnect Express), a revolutionary chiplet standard, in the first half of..."

### ***[Link back to Table of Contents](#)***

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



***Rockwell focuses market strategy in Taiwan on semiconductors, fine chemicals, and biotech-medical***

Source: <https://www.digitimes.com/news/a20240119PD212/digital-transformation-manufacturing-rockwell-automation-semiconductors.html>

From the Article: "Century-old US automation giant Rockwell recently gave its opinion on three key trends for industrial transformation in 2024: risk management, sustainable development, and digital transformation in a company press release."

***China-based semiconductor equipment suppliers expected to continue surging growth in 2024***

Source: <https://www.digitimes.com/news/a20240122PD205/china-semiconductor-equipment-growth-2024.html>

From the Article: "Amid the semiconductor cycle that is nearing or has reached its bottom, the rising demands for AI and EVs, and indigenization in packaging and testing, semiconductor equipment suppliers in China are expected to benefit, winning more orders from local..."

***Marvell Tech sees India as R&D center for advanced CMOS and other chips***

Source: [https://www.digitimes.com/news/a20240122VL203/marvell-technology-india-r\\_d-cmos-semiconductors.html](https://www.digitimes.com/news/a20240122VL203/marvell-technology-india-r_d-cmos-semiconductors.html)

From the Article: "Signaling its future growth trajectory, Marvell Technology has confirmed that the company is working on data infrastructure products enabled by technology platforms on 5, 3, and 2nm. While the company has teams across the world, India remains its largest R&D development center outside the US."

***Indian cabinet approves MoU on semiconductors with EU***

Source: <https://www.digitimes.com/news/a20240122VL201/india-eu-mou-semiconductors.html>

From the Article: "As major economies look to reduce their reliance on East Asian economies for semiconductor supply, India approved the MoU with the European Union to foster collaboration on chips."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***Intel and UMC's alliance may reshuffle foundry market rankings***

Source: <https://www.digitimes.com/news/a20240126VL205/intel-umc-foundry-partnership-market-share-competition.html>

From the Article: "The announcement of collaboration between Intel and Taiwan's second-largest foundry manufacturing service provider United Microelectronics Corp."

***Intel, UMC form foundry partnership***

Source: <https://www.digitimes.com/news/a20240125VL205/12nm-ic-manufacturing-ifs-intel-umc.html>

From the Article: "Intel and United Microelectronics (UMC) have announced a collaboration on the development of a 12-nanometer semiconductor process platform for high-growth markets such as mobile, communication infrastructure, and networking."

***Chinese government support produces 100 domestic EDA vendors, but few will survive***

Source: <https://www.digitimes.com/news/a20240125PD204/china-eda-ic-design-distribution-self-sufficiency.html>

From the Article: "China's multitude of government-supported (electronic design automation) EDA vendors are facing the prospect of elimination."

***Taiwan to purchase quantum computers from Finland***

Source: <https://www.digitimes.com/news/a20240122PD226/taiwan-quantum-computer-finland-igq.html>

From the Article: "Advanced discussions are underway between the Taiwan Semiconductor Research Institute (TSRI) under the National Applied Research Laboratories (NARLabs) and IQM of Finland to purchase quantum computers, according to sources familiar with the matter."

***Chinese power component makers yet to see demand pick up***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.digitimes.com/news/a20240122PD225/china-power-components-price-increase-demand-mosfet-diode.html>

From the Article: "Chinese power component manufacturers have raised prices for medium and low-voltage MOSFETs and diodes; however, demand has yet to increase as anticipated, according to industry sources."

***Weekly news roundup: US congress urges tariffs amid concerns over China's chip dominance***

Source: <https://www.digitimes.com/news/a20240122VL202/weekly-news-roundup-us-chip-restrictions-china-semiconductors-tsmc.html>

From the Article: "US Congress urges the Biden administration to impose high tariffs to prevent China from flooding the country with mature process chips. US export control measures against China include restricting advanced process equipment to China and restrictions on producing chips below 7 nanometers."

***Dutch startup Innatera unveils T1: a game-changing RISC-V neural-type MCU in the edge AI sensor market***

Source: <https://www.digitimes.com/news/a20240126PD213/dutch-startup-innatera-t1-risc-v-mcu-edge-ai.html>

From the Article: "Dutch chip startup Innatera has launched the Spiking Neural Processor T1 to target the edge AI sensor market."

***SK Hynix said to diversify HBM equipment sources, optimizing processes***

Source: <https://www.digitimes.com/news/a20240126PD209/sk-hynix-hbm-equipment-hybrid-bonding-inspection.html>

From the Article: "SK Hynix is trying to diversify equipment sources to cut reliance on certain technology and specific companies for its High Bandwidth Memory (HBM) supply chain, according to South Korean media reports. Industry experts quoted by the report said the..."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***Intel provides weak guidance, boasts advancements in foundry business***

Source: <https://www.digitimes.com/news/a20240126VL200/intel-guidance-foundry-ic-manufacturing.html>

From the Article: "Intel gave a tepid outlook for the current quarter due to weak performance for its programmable chip unit and Mobileye business. Intel reported surging sales for its Intel Foundry Service (IFS) and is eyeing AI PCs for future growth."

***Intel reportedly to integrate Samsung's LPDDR5X in Lunar Lake CPU by 3D packaging***

Source: <https://www.digitimes.com/news/a20240125PD210/intel-samsung-lpddr5-cpu-3d-packaging.html>

From the Article: "Samsung Electronics and Intel have long competed with each other for first place in the fierce global semiconductor IDM market, and a fierce battle for orders and rankings has begun with Intel's return to the foundry market."

***Intel-UMC to boost Intel market share via advanced foundry services for UMC customer base***

Source: <https://www.digitimes.com/news/a20240126PD201/chips+components-intel-umc.html>

From the Article: "Intel announced a collaboration on developing the 12nm process platform to address high-growth markets such as mobile, communication infrastructure, and networking. The collaboration is expected to help Intel increase its market share in the foundry..."

***Products such as Vision Pro and AI Pin could lead to demand recovery for end-user devices in 2H24***

Source: <https://www.digitimes.com/news/a20240125PD205/vision-pro-ai-pin-demand-recovery-2h24.html>

From the Article: "Many anticipated the economic situation would only see a more noticeable recovery in the second half of 2024. However, from an end-user perspective, Apple's Vision Pro has already brought excitement to the AR/VR industry. "

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

### ***Samsung's Taylor TX fab delays tool-in plans again***

Source: <https://www.digitimes.com/news/a20240125PD212/samsung-us-fab-equipment-installation.html>

From the Article: "After TSMC announced a delay of its planned utilization of the second fab in Arizona for 1-2 years, Samsung Electronics, which is also planning to produce advanced chips in the United States, is reportedly delaying its tool-in plans for its fab in Taylor,..."

### ***OpenAI refuses to queue for AI chips; will build its fab faster to get them?***

Source: <https://www.digitimes.com/news/a20240124PD205/openai-ai-chips-cowos-advanced-packaging-ai-gpu.html>

From the Article: "OpenAI CEO Sam Altman's plan to build its artificial intelligence..."

### ***For PCB manufacturers, improving specs is key to recovery***

Source: <https://www.digitimes.com/news/a20240124PD219/pcb-supply-chain-growth-recovery-2024.html>

From the Article: "The PCB industry has been on a roller coaster ride in the past three years, with 2021 and 2022 seeing a massive disruption in the supply chain caused by pandemic-related imbalances in supply and demand, followed by a crunch across the industry as a..."

### ***Chinese AI processor developers face challenges***

Source: <https://www.digitimes.com/news/a20240124PD223/ai-chip-biren-cambricon.html>

From the Article: "Chinese AI chip developers, including Biren Technology and Cambricon Technologies, are having tough times that could burst the AI bubble in China."

### ***Apple to obtain initial 2nm capacity from TSMC, sources say***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.digitimes.com/news/a20240124PD224/apple-2nm-tsmc-capacity-expansion.html>

From the Article: "TSMC, which only increases production capacity in response to significant customer orders, has recently established a production expansion strategy aimed at attaining 2nm GAA. Apple is widely believed to be the initial client to utilize the process,..."

### ***Taiwan IC designers seeking investment tax credit for EDA and software tools***

Source: <https://www.digitimes.com/news/a20240124PD200/eda-ic-design-moea-taiwan.html>

From the Article: "Taiwan's semiconductor IC designers are urging the government to introduce tax incentives for investments in expensive electronic design automation (EDA) and software tools, seeking relief from the financial strain. The Ministry of Economic Affairs..."

### ***Adata sees low-priced inventory boost profitability in 4Q23***

Source: <https://www.digitimes.com/news/a20240123PD221/adata-technology-inventory-profit-4q23.html>

From the Article: "Memory module maker Adata Technology had previously stockpiled chips at low costs, which boosted its profit performance in the fourth quarter of 2023, according to the Taiwan-based company."

### ***Texas Instruments posts disappointing guidance, signaling weakness in chip industry***

Source: <https://www.digitimes.com/news/a20240124VL201/texas-instruments-guidance-semiconductor-industry-sales-revenue.html>

From the Article: "Amid sluggish demands across the board, Texas Instruments reported declining performance over the past quarter and provided weak financial guidance for the next period, signaling the chip industry is still in the cyclical downturn."

### ***Huawei unveils Kirin 9000W, but what's the difference with the 7nm Kirin 9000S?***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.digitimes.com/news/a20240124PD214/huawei-kirin9000w-7nm-kirin9000s.html>

From the Article: "The flagship Huawei MatePad Pro 13.2-inch tablet computer, recently released in countries such as Malaysia, Italy, and Saudi Arabia, is equipped with an 8-core Kirin 9000W processor. However, it is currently unclear how this version differs from the..."

### ***Porotech and PSMC team up to produce 200mm GaN-on-Si microLEDs***

Source: <https://www.digitimes.com/news/a20240123PD228/porotech-psmc-gan-on-si-microled.html>

From the Article: "Poro Technologies (Porotech) and Powerchip Semiconductor Manufacturing (PSMC) have formed a partnership to develop and manufacture 200mm GaN-on-Silicon MicroLEDs for display applications."

### ***Asus forecasts 5% growth in 2024 PC shipments, as AI PCs see delayed takeoff***

Source: <https://www.digitimes.com/news/a20240123PD227/asus-growth-pc-shipments-ai-pc.html>

From the Article: "Although the forecast for AI PCs and AI smartphone applications looks promising, sources in the PC supply chain have noted that order volumes for 2024 remain conservative, with Asus, Dell, and HP aiming for 4–5% growth in annual shipments, while..."

### ***TSMC CoWoS capacity expansion to support AI server sales***

Source: <https://www.digitimes.com/news/a20240123PD229/tsmc-cowos-capacity-expansion-ai-server-sales.html>

From the Article: "A significant ramp-up in CoWoS production capacity at TSMC is anticipated to propel server companies' AI server sales to new heights in 2024, according to industry sources."

### ***OpenAI's wishlist: billions, freedom from Nvidia, in-house AI chip production***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.digitimes.com/news/a20240123PD210/openai-nvidia-tsmc-ic-manufacturing-ic-design-distribution-chips+components-fab-cowos-ai-software-big-data.html>

From the Article: "OpenAI is exploring potential self-development and production."

### ***Edge AI could catapult growth for chip manufacturers in 2024***

Source: <https://www.digitimes.com/news/a20240122PD211/ic-manufacturing-edge-computing-ai-pc-ai-smartphone-nvidia-ai-chips+components-it+ce.html>

From the Article: "With the potential surge of Edge AI on the horizon, many are wondering if it can catalyze significant market value growth for the top global semiconductor companies going forward."

### ***Rapidus to focus on specialized AI chips and not compete with TSMC***

Source: <https://www.digitimes.com/news/a20240123PD216/rapidus-ai-chips-tsmc-ic-manufacturing.html>

From the Article: "Rapidus, a Japanese company building a semiconductor factory in Chitose City, Hokkaido, Japan, said the construction progress is going smoothly despite the tight schedule. The company also said that its strategy for developing the most advanced chips..."

### ***Japan-based semiconductor equipment suppliers thrive with increased demand in China and generative AI***

Source: <https://www.digitimes.com/news/a20240123PD200/japan-semiconductor-equipment-china-demand-generative-ai.html>

From the Article: "Major Japan-based semiconductor equipment saw their market capitalization more than double in 2023, with other suppliers reporting nearly doubling of their market valuations, highlighting the demands for semiconductor equipment when chipmakers are expanding..."

### ***Ennostar slows down microLED capacity expansions, expecting mass production momentum for TV applications after 2027***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



Source: <https://www.digitimes.com/news/a20240123PD208/ennostar-micro-led-capacity-expansion-tv-2027.html>

From the Article: "Ennostar Group, a Taiwanese LED maker, has re-evaluated its microLED production strategy, foreseeing that the widespread adoption of microLED applications, especially in TVs, may not occur until 2027-2028."

### ***Samsung hopes 2nd-gen 3nm process help narrow gap with TSMC***

Source: <https://www.digitimes.com/news/a20240123PD212/samsung-electronics-application-processor-3nm-semiconductors-tsmc.html>

From the Article: "Although Samsung Electronics was the first to mass produce 3nm chips, they are not as profitable as TSMC since they have not secured big customers yet. Samsung Electronics is trying to catch up with its second-generation 3GAP process (SF3)."

### ***For Pegatron, lower profit margins may not be drawback***

Source: <https://www.digitimes.com/news/a20240122PD220/pegatron-profit-ai-server-automotive-electronics.html>

From the Article: "Apple's no. 2 supplier, Pegatron, has faced challenges on multiple fronts, with an oversaturated smartphone market, recent iPhones being criticized for lacking innovation, and increasing encroachment from China-based Luxshare Precision."

### ***NEV price war effectiveness: opinions differ across supply chain***

Source: <https://www.digitimes.com/news/a20240122PD222/nev-price-war-supply-chain-china-ev.html>

From the Article: "In recent years, the market share of New Energy vehicles (NEVs) has risen steadily, emerging as a dark horse in the automotive industry. However, their global market penetration remains below 20%, indicating significant growth potential. "

### ***CXMT and YMTC to step up development pace***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.digitimes.com/news/a20240122PD227/cxmt-ymtc-memory-chips-development.html>

From the Article: "ChangXin Memory Technologies (CXMT) and Yangtze Memory Technologies (YMTC), the former specializing in DRAM memory and the latter in NAND flash chips, have accelerated their development using distinct strategies."

### ***TSMC, ASEH gearing up to expand advanced packaging capacity***

Source: <https://www.digitimes.com/news/a20240122PD224/tsmc-aseh-advanced-packaging-msec.html>

From the Article: "With TSMC and ASE Holdings (ASEH) gearing up to build additional fab capacities for advanced packaging, relevant supply chain participants are optimistic about growth driven by their development plans, according to industry sources."

### ***China buys near-record \$40 Billion of chip gear to beat US curbs***

Source: <https://www.digitimes.com/news/a20240122VL208/china-ic-manufacturing-semiconductors-equipment-us-china-chip-war.html>

From the Article: "China's imports of chipmaking machines jumped last year as firms ramped up investment in an attempt to get around US-led efforts to hobble the nation's semiconductor industry."

### ***Chinese exports of battery material graphite plunge on controls***

Source: <https://www.digitimes.com/news/a20240122VL209.html>

From the Article: "China's exports of natural graphite, a material used in electric vehicle batteries, plummeted in December after Beijing imposed..."

### ***Kyushu IC production value hits JPY1 trillion for first time in 16 years***

Source: <https://www.digitimes.com/news/a20240122PD204/2024-ic-manufacturing-japan-jasm-kumamoto-sony-tsmc.html>

From the Article: "The semiconductor industry in Kyushu, Japan, is gradually

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

recovering, with IC production value exceeding JPY1 trillion (US\$68 billion) from January to November 2023."

### ***The rising tide of satellite-to-cell connectivity in smartphones***

Source: <https://www.digitimes.com/news/a20240118PD208/aerospace-china-satellite-starlink.html>

From the Article: "Following Apple's introduction of satellite communication features in the iPhone 14 series in 2022, Apple and Huawei continued supporting satellite-to-cell capability in 2023. As estimated by DIGITIMES Research, smartphones supporting satellite communication..."

### ***Micron, Samsung, and SK Hynix vie for HBM dominance in AI era***

Source: <https://www.digitimes.com/news/a20240122PD215/ai-hbm-market-cap-100-micron-samsung-sk-hynix.html>

From the Article: "The emergence of generative AI has made high-bandwidth memory (HBM) a bonanza, which helped the memory industry recover from huge losses due to inventory corrections in 2023."

### ***Quanta to embrace AI, says chairman***

Source: <https://www.digitimes.com/news/a20240122PD214/quanta-ai-ict-manufacturing-server-ipc-cloud-computing-iot.html>

From the Article: "The AI era has finally arrived, according to Barry Lam, chairman of Quanta Computer. The company has been preparing for this since 2016 and received a constant stream of orders in 2023, resulting in increasing profits and profit margins."

### ***Integrated PMICs to become mainstream power solution for AI servers, says Infineon***

Source: <https://www.digitimes.com/news/a20240122PD202/infineon-pmic-power-solutions-ai-server.html>

From the Article: "The rapid emergence of AI servers is spurring a significant rise in demand for AI processors and propelling peripheral chips, specifically power

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

management ICs (PMICs), into the spotlight. Industry insiders caution against underestimating the growth..."

***Singapore repitch incentives for TSMC to produce advanced chips there***

Source: <https://www.digitimes.com/news/a20240122PD209/kumamoto-semiconductors-subsidy-tsmc.html>

From the Article: "Taiwan Semiconductor Manufacturing Company (TSMC) recently disclosed its overseas expansion progress and plans in its earnings report conference on January 18 and expressed interest in building a second fab in Japan. "

***Taiwan's hacking crisis exposes semiconductor firms' Achilles supply chains***

Source: <https://www.digitimes.com/news/a20240124PD213/taiwan-cyberattacks-semiconductor-supply-chain-tsmc.html>

From the Article: "Taiwan's semiconductor companies and their supply ecosystem are uniquely vulnerable to cyber-attacks."

***AI is hacker's delight while OT remains high-risk, says Palo Alto Networks***

Source: <https://www.digitimes.com/news/a20240125PD217/palo-alto-networks-artificial-intelligence-hackers.html>

From the Article: "Cybersecurity firm Palo Alto Networks has released its latest Asia Pacific cyber security report."

***Digital forensics to benefit from LLM automated cybersecurity***

Source: <https://www.digitimes.com/news/a20240124PD211/llm-automation-cybersecurity-forensics.html>

From the Article: "Cybersecurity companies are set to reap the benefits of Large Language Models (LLMs) data processing."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***US spies want AI as tool against China if tech can be trusted***

Source: <https://www.digitimes.com/news/a20240126VL208.html>

From the Article: "US intelligence agencies are grappling with a daunting new challenge: Making artificial intelligence safe for America's spies."

***India special report: low costs, favorable policies, a sea of talent made India IT service hub***

Source: <https://www.digitimes.com/news/a20240126PD200/india-special-report-it-services.html>

From the Article: "The development of India's IT service industry can be traced back to the 1980s when the country began to promote the industry and formed an industry association, the National Association of Software and Service Companies (NASSCOM)."

***Samsung's Indian R&D center plays key role in AI smartphone development***

Source: [https://www.digitimes.com/news/a20240126PD212/samsung-india-r\\_d-ai-smartphone.html](https://www.digitimes.com/news/a20240126PD212/samsung-india-r_d-ai-smartphone.html)

From the Article: "Samsung Electronics' India-based research and development center, the Samsung R&D Institute India - Bangalore (SRI-B), has significantly contributed to the development of AI smartphones, particularly in the latest flagship model, the Galaxy S24."

***Indian Samsung Galaxy S24 pre-orders blow S23 record out of water***

Source: <https://www.digitimes.com/news/a20240125PD206/galaxy-s24-india-samsung-smartphone.html>

From the Article: "Pre-orders for Samsung Galaxy's S24 hit a personal record-breaking 250,000 units after only three days."

***AI healthcare: Moderna CIO highlights transformative role at CES 2024***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.digitimes.com/news/a20240125PD220/moderna-ai-healthcare-ces-2024-smart-medical.html>

From the Article: "CES 2024, themed "AI in Everything," has spurred diverse industries to explore cross-disciplinary integration. One of the sectors that has exemplified this trend is the AI medical sector."

### ***Seagate expands areal density for the AI era***

Source: <https://www.digitimes.com/news/a20240122PD208/seagate-data-center-data-storage.html>

From the Article: "Leading American hard drive manufacturer Seagate announced the Mozaic 3+ platform, pushing the areal density of its products to 3TB."

### ***Latest financial results indicate Tesla's 3 challenges and 2 opportunities***

Source: <https://www.digitimes.com/news/a20240126PD204/tesla-finance-ev-energy-storage.html>

From the Article: "Tesla released the financial report for the fourth quarter of 2023 on January 24. The EV company's revenues, net income, and gross profit were lower than analysts expected."

### ***Thinking Electronic steps up deployment in automotive sector***

Source: <https://www.digitimes.com/news/a20240125PD225/thinking-electronic-passive-component-automotive-south-korea-ev.html>

From the Article: "Passive component industry experts project a noticeable industry rebound after the second quarter or the second half of this year. Most firms are looking to automotive applications as their growth propeller after three years of inventory adjustments..."

### ***For IPC industry, growth in 2024 depends on recovery in China***

Source: <https://www.digitimes.com/news/a20240125PD222/ipc-growth-china-recovery-2024.html>

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

From the Article: "After a year of severe challenges in 2023, with a bleak economy and continuous inventory destocking by clients leading to shipment delays, industrial PC (IPC) makers are finally anticipating a better forecast in 2024. Although order visibility remains..."

### ***Chinese silicon wafer suppliers increasing production capacity***

Source: <https://www.digitimes.com/news/a20240125PD224/china-silicon-wafer.html>

From the Article: "The National Silicon Industry Group (NSIG), China's largest domestic silicon wafer maker, and Wafer Works (Shanghai) have been expanding production in China, according to industry sources."

### ***Products such as Vision Pro and AI Pin could lead to demand recovery for end-user devices in 2H24***

Source: <https://www.digitimes.com/news/a20240125PD205/vision-pro-ai-pin-demand-recovery-2h24.html>

From the Article: "Many anticipated the economic situation would only see a more noticeable recovery in the second half of 2024. However, from an end-user perspective, Apple's Vision Pro has already brought excitement to the AR/VR industry. "

### ***Panasonic's aviation-grade automotive Gyro Sensor to tame the road***

Source: <https://www.digitimes.com/news/a20240125PD203/panasonic-gyro-sensor-ces-2024-av.html>

From the Article: "Panasonic Industry showcased its automotive Gyro Sensor CES 2024."

### ***Chipelets market to ride on a strong 42.5% CAGR***

Source: <https://www.digitimes.com/news/a20240125VL202/2024-chipelet-cpu-ic-design-distribution.html>

From the Article: "The global chipelets market is forecast to be worth around US\$107

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

billion by 2033, up from US\$3.1 billion in 2023, with a CAGR of 42.5% between 2024 and 2033. It is projected to be worth US\$4.4 billion in 2024, according to Market.US, a consulting and..."

### ***Kakao unveils MLLM, aiming to create S. Korean version of Google's Gemini***

Source: <https://www.digitimes.com/news/a20240124PD208/kakao-large-language-model-mlm-gemini-google.html>

From the Article: "South Korean tech giant Kakao recently unveiled the R&D results of its Multimodal Large Language Model (MLLM) titled Honeybee. This model goes beyond the existing, primarily text-based AI functions and allows for communication through images. "

### ***Shipment estimates for Samsung's Galaxy S24 series set at 32 million units***

Source: <https://www.digitimes.com/news/a20240123PD206/galaxy-s24-samsung-shipments-ai-smartphone.html>

From the Article: "Samsung Electronics has announced its latest flagship smartphone, the Galaxy S24 series, emphasizing AI applications. South Korea's securities sector expects the Galaxy S24 series to have a shipment volume of 32 million units. "

### ***MIH CEO Jack Cheng sees the EV industry more solution-driven at CES 2024***

Source: <https://www.digitimes.com/news/a20240125PD211/mih-consortium-smart-cockpit-ces-2024-ev.html>

From the Article: "Back from CES 2024, MIH Consortium's CEO Jack Cheng shared his views on developments in AI and smart cockpits."

### ***ASML expects strong rebound in 2025, optimistic about orders from memory makers***

Source: <https://www.digitimes.com/news/a20240125VL200/asml-2025-memory-demand-lithography-equipment.html>

From the Article: "ASML reported strong books for the last quarter. The lithography equipment giant still expects uncertainties in the chip industry in 2024, and the demands

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



from memory makers will likely rise."

### ***EDOM Technology's professional bridging services***

Source: <https://www.digitimes.com/news/a20240124PR201.html&chid=9>

From the Article: "The AI wave continues to sweep across industries worldwide. The NVIDIA Jetson, an AI computing platform that can provide powerful computing for edge devices, boasts a full product line, high performance, and a robust ecosystem."

### ***Phison's AI applications see adoption by Kingston and OSE***

Source: <https://www.digitimes.com/news/a20240124PD218/phison-ai-applications-kingston-ose.html>

From the Article: "NAND flash controller manufacturer Phison Electronics has announced the successful implementation of its aiDAPTIV+ AOI service into the automated optical inspection (AOI) systems at surface mount technology (SMT) production lines at Kingston Technology,..."

### ***APT opens new plant for advanced packaging process solutions***

Source: <https://www.digitimes.com/news/a20240124PD225/apt-semiconductors-advanced-packaging-plant.html>

From the Article: "AblePrint Technology (APT), which has long focused on semiconductor packaging and offers pneumatic and thermal process solutions, has opened a new plant in Hsinchu, northern Taiwan, in response to increased demand for advanced packaging."

### ***IC inspection labs enjoy gradual pickup in orders for consumer electronics***

Source: <https://www.digitimes.com/news/a20240124PD220/audix-btl-ic-inspection-testing-consumer-electronics.html>

From the Article: "IC testing and certification labs such as Sporton International, BTL, and Audix have seen a gradual pickup in orders for consumer electronics and automotive products, as well as sustained orders for wireless communications products,

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

according to industry..."

***SK Hynix reports financial results for 2023, 4Q23***

Source: <https://www.digitimes.com/news/a20240125PR200/sk-hynix-memory-chips-news-highlights.html&chid=9>

From the Article: "SK Hynix Inc. (or "the company", [www.skhynix.com](http://www.skhynix.com)) announced today that it recorded an operating profit of KRW346 billion in the fourth quarter of last year amid a recovery of the memory chip market, marking the first quarter of profit following four straight quarters of losses."

***For PCB manufacturers, improving specs is key to recovery***

Source: <https://www.digitimes.com/news/a20240124PD219/pcb-supply-chain-growth-recovery-2024.html>

From the Article: "The PCB industry has been on a roller coaster ride in the past three years, with 2021 and 2022 seeing a massive disruption in the supply chain caused by pandemic-related imbalances in supply and demand, followed by a crunch across the industry as a..."

***Google launches AI-first startup accelerator for ecosystem expansion***

Source: <https://www.digitimes.com/news/a20240123PD218/ai-startup-accelerator-gemini-google-it+ce-software-big-data.html>

From the Article: "Google has announced the addition of AI First category to its startup accelerator program."

***Automakers and auto tech developers unveil latest concept vehicles and AI techs at CES 2024, says DIGITIMES Research***

Source: <https://www.digitimes.com/news/a20240124VL206/automakers-auto-tech-ai-ces-2024-digitimes-research.html>

From the Article: "CES 2024 took place from January 9 through January 12 in Las Vegas. DIGITIMES Research visited the Vehicle Tech and Advanced Mobility Pavilion

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

for a first-hand look at automakers' and automotive high-tech companies' showcases featuring AI-enabled services,..."

### ***Gen AI boom leads to mammoth big tech job purge***

Source: <https://www.digitimes.com/news/a20240123PD217/ai-amazon-generative-ai-google-it+ce-layoffs-llm-software-big-data-workforce.html>

From the Article: "In 2023, the rise of Generative AI triggered substantial workforce culls across tech titans Apple, Google, Amazon, and Meta."

### ***AMD harnesses the AI boom for growth in 2024***

Source: <https://www.digitimes.com/news/a20240124PD203/amd-ai-growth-2024.html>

From the Article: "According to data compiled by DIGITIMES Asia, AMD saw its market capitalization more than doubled from US\$104.4 billion in 2022 to US\$238.1 billion in 2023. The rising demands for and investments in AI will continue to benefit AMD in 2024."

### ***ASEH, JCET gearing up for AI biz opportunities***

Source: <https://www.digitimes.com/news/a20240123PD225/aseh-jcet-ai-applications-advanced-packaging.html>

From the Article: "OSATs ASE Holdings (ASEH) and Jiangsu Changjiang Electronics Technology (JCET) are both looking to capitalize on the AI market potential."

### ***CES 2024 auto tech and car showcases***

Source: <https://www.digitimes.com/news/a20240123RS400.html&chid=2>

From the Article: "Automakers and auto technology developers presented multiple new energy concept cars, coupled with autonomous driving and AI-enhanced smart voice assistants at CES 2024."

### **[Link back to Table of Contents](#)**

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

***AT&S commences Malaysian IC substrate plant, start supplying AMD by year-end***

Source: [https://www.digitimes.com/news/a20240124VL200/at\\_s-amd-ic-substrate-malaysia.html](https://www.digitimes.com/news/a20240124VL200/at_s-amd-ic-substrate-malaysia.html)

From the Article: "Austria Technologie & Sytemtechnik (AT&S), one of the world's biggest PCB and IC substrate makers, opened its first new IC substrate plant in Kulim, Malaysia, on January 24. The company aims to begin high-end IC substrate deliveries for the..."

***Backend houses choose Malaysia as new hub for factory expansion***

Source: <https://www.digitimes.com/news/a20240123PD224/aseh-ic-manufacturing-malaysia-osat.html>

From the Article: "As geopolitical concerns rise, many backend companies have chosen Malaysia as a new base for plant expansions, according to industry sources."

***TSMC CoWoS capacity expansion to support AI server sales***

Source: <https://www.digitimes.com/news/a20240123PD229/tsmc-cowos-capacity-expansion-ai-server-sales.html>

From the Article: "A significant ramp-up in CoWoS production capacity at TSMC is anticipated to propel server companies' AI server sales to new heights in 2024, according to industry sources."

***Apple's Vision Pro catalyzes Japanese XR HMD renaissance***

Source: <https://www.digitimes.com/news/a20240123PD213/apple-vision-pro-japan-xr-hmd.html>

From the Article: "Apple's Vision Pro is expected to reenergize competition in the extended reality (XR) head-mounted display (HMD) market."

***4Q23 PC shipments slip, shipment momentum to return in 1H24***

Source: <https://www.digitimes.com/news/a20240122VL206/pc-shipments-recovery->

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

[1h24.html](#)

From the Article: "The global PC market ended the fourth quarter of 2023 with a 0.2% year-on-year shipment decrease, according to the latest Counterpoint Research data. This was the eighth consecutive quarter of shipment drops compared to a year earlier. "

***BYD eyes Tesla's crown, pours investment into smart car technology***

Source: <https://www.digitimes.com/news/a20240122PD200/byd-tesla-smart-car.html>

From the Article: "The rivalry between Tesla and BYD will continue in 2024 and titles of the biggest producer and the sales king are up for grabs."

***Samsung launches Galaxy S24, igniting global AI smartphone war***

Source: <https://www.digitimes.com/news/a20240122PD210/samsung-galaxy-s24-ai-smartphone-apple-google.html>

From the Article: "Samsung Electronics has recently declared the launch of the Galaxy S24 series, integrating AI into its proprietary smartphones."

***Chenbro announces next-gen high-performance server chassis with latest Intel and AMD platforms***

Source: <https://www.digitimes.com/news/a20240122PR201/chenbro-intel-nvidia.html&chid=9>

From the Article: "With the global development of AI technology, there is a significant increase in demand for high-performance servers in both cloud computing and data center applications. Chenbro has proudly introduced next-generation server chassis solutions tailored for the latest Intel and AMD platforms to meet market demand."

***Global server shipments to return to growth in 2024***

Source: <https://www.digitimes.com/news/a20240122PD219/server-shipments-growth-2024-ai-server-demand.html>

From the Article: "Global server shipments are expected to rebound in 2024 after a

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

decline in the previous year, according to market sources."

### ***AI-powered overhaul: Galaxy S24 series display panels get a major upgrade***

Source: <https://www.digitimes.com/news/a20240119PD208/ai-display-panel-galaxy-s24-samsung.html>

From the Article: "Samsung Electronics has officially unveiled its next-generation flagship Galaxy S24 series, packed with the much-anticipated AI features. Engineered for the demands of AI-driven smartphones, the series introduces crucial updates, including a revamped..."

### ***DRAM and NAND flash prices may rise through 4Q24***

Source: <https://www.digitimes.com/news/a20240122VL205/dram-nand-flash-price-increase-2024.html>

From the Article: "DRAM and NAND flash memory prices may continue to rise until the fourth quarter of 2024 if suppliers maintain tight control over production, according to TrendForce."

### ***Nvidia's Jensen Huang embarks on first China visit in 5 years***

Source: <https://www.digitimes.com/news/a20240122PD217/jensen-huang-nvidia-semiconductors-china.html>

From the Article: "Nvidia CEO Jensen Huang was spotted again in a night market in Taipei before the annual party of its Taipei subsidiary. Media reports revealed that Huang had already visited Beijing, Shanghai, and Shenzhen last week to celebrate a year's fruitful results with its employees in China."

### ***Samsung Electro-Mechanics to enter glass substrate market***

Source: <https://www.digitimes.com/news/a20240119PD204/samsung-electro-mechanics-packaging-glass-substrate-auto-components-solid-state-battery.html>

From the Article: "Samsung Electro-Mechanics (Semco) has announced plans to develop semiconductor packaging glass substrates."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

### ***What's causing Samsung to balk at adding satellite communication to Galaxy S24?***

Source: <https://www.digitimes.com/news/a20240122PD206/samsung-galaxy-s24-satellite-communications.html>

From the Article: "In the past two years, satellite communication features on smartphones have been gradually implemented in flagship models from major brands like Apple and Huawei. Samsung Electronics also hinted in 2023 that its new models in 2024 would support satellite..."

### ***Qualcomm ignites the 6th edition of the Taiwan Innovation Challenge focused on AI PCs and Edge AI***

Source: <https://www.digitimes.com/news/a20240122PR200/qualcomm-ai-edge-computing-startup-taiwan-ai-pc-edge-ai-edge-innovation-it+ce-server-ipc-cloud-computing-iot-software-big-data.html>

From the Article: "Qualcomm Technologies has announced the commencement of the sixth edition of the "Qualcomm Innovate in Taiwan Challenge" (QITC), marking a significant upgrade with a primary focus on AI PCs and Edge AI."

### ***Samsung's self-developed AP Exynos 2400 revives, thanks to AI***

Source: <https://www.digitimes.com/news/a20240119PD203/samsung-exynos-galaxy-s24-smartphone-ap.html>

From the Article: "Samsung Electronics announced its flagship Galaxy S24 series for Spring 2024, which included the revival of its self-developed application processor (AP), the Exynos 2400. With its return riding on the wave of AI after a two-year hiatus, the attention..."

### ***Quanta to embrace AI, says chairman***

Source: <https://www.digitimes.com/news/a20240122PD214/quanta-ai-ict-manufacturing-server-ipc-cloud-computing-iot.html>

From the Article: "The AI era has finally arrived, according to Barry Lam, chairman of

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Quanta Computer. The company has been preparing for this since 2016 and received a constant stream of orders in 2023, resulting in increasing profits and profit margins."

### ***Galaxy S24 completes the final piece of Samsung's AI puzzle***

Source: <https://www.digitimes.com/news/a20240118PD207/samsung-galaxy-s24-edge-computing-ai.html>

From the Article: "At the Galaxy Unpacked 2024 global announcement held on January 18, Samsung Electronics officially unveiled its annual flagship smartphone, the Galaxy S24. With it, the final piece for Samsung's "AI for All" puzzle in 2024 has been revealed."

### ***Sakana AI secures US\$30M from Sony and co., paving the way for Japan's GenAI leap***

Source: <https://www.digitimes.com/news/a20240119PD210/sakana-ai-sony-investment-japan-generative-ai.html>

From the Article: "Founded in 2023 by former Google AI researchers Llion Jones and David Ha, startup Sakana AI has attracted significant investments from leading Japanese companies such as NTT, KDDI, and Sony."

### ***Samsung to make S24 series in India and expand exports***

Source: <https://www.digitimes.com/news/a20240119VL201/samsung-galaxy-s24-india-exports.html>

From the Article: "Samsung Electronics unveiled its latest flagship smartphone, the S24 series, which features on-device AI capabilities. Samsung praised the contribution of the Indian R&D team to the smartphone and confirmed local production of the device."

### ***Boeing Reinstalled Panel That Later Blew Out of 737 Max Jet***

Source: <https://www.nytimes.com/2024/01/24/business/boeing-max-9-door-plug.html>

From the Article: "Employees at its Washington State factory are said to have removed the door plug for further work before the plane was delivered to Alaska Airlines."

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.



***United, Alaska aim to resume service on grounded jets in next few days***

Source: <https://www.washingtonpost.com/transportation/2024/01/24/boeing-737-max-inspections-faa/>

From the Article: "The FAA cleared the way for inspections to begin on grounded Boeing 737 Max 9 planes after midair incident"

***Southern Water says Black Basta ransomware attack compromised customer data records***

Source: <https://www.teiss.co.uk/news/news-scroller/southern-water-says-black-basta-ransomware-attack-compromised-customer-data-records-13388>

From the Article: "The infamous Black Basta ransomware group says it targeted UK water utility Southern Water and listed the company as a victim on its data leak site."

***Finnish IT company Tietoevry blames Akira ransomware group for a major attack on its ...***

Source: <https://www.teiss.co.uk/news/news-scroller/finnish-it-company-tietoevry-blames-akira-ransomware-group-for-a-major-attack-on-its-swedish-data-centre-13380>

From the Article: "Finnish IT software services provider Tietoevry said it suffered a serious ransomware attack that affected one of its data centres in Sweden."

***Defense startups risk becoming failed experiment without more pentagon dollars dc9e663a***

Source: <https://www.wsj.com/tech/defense-startups-risk-becoming-failed-experiment-without-more-pentagon-dollars-dc9e663a>

From the Article: "Tech startups get cool reception from Defense Department despite its rhetoric that it will buy more from Silicon Valley"

***Damage From Cyber Attack on Sweden May Take Weeks to Recover - Bloomberg.com***

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.

Source: <https://www.bloomberg.com/news/articles/2024-01-26/ransomware-damage-in-sweden-may-take-weeks-to-recover-after-akira-attack>

From the Article: "The ransomware attack carried out during the weekend by a group known as Akira has crippled payroll processing at a large number of institutions"

[Link back to Table of Contents](#)

The articles have been curated by an independent team of subject matter experts to raise awareness in the dynamic field of cyber-physical security issues with systems, software and hardware assurance including risks in the supply chain.