



SPACE CYBERSECURITY WEEKLY WATCH

Week 18

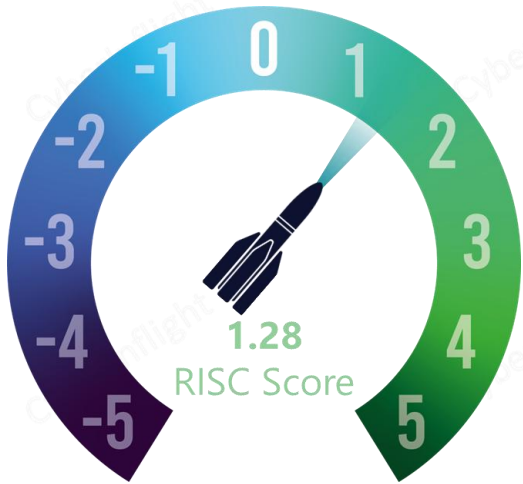
April 29 – May 5, 2025

Timeframe: Weekly
of articles identified: 30
Est. time to read: 65 minutes

Articles, company's communications, whitepapers, academic works, podcast, and sources not to be missed on the topic of space cybersecurity over a specified timeframe.

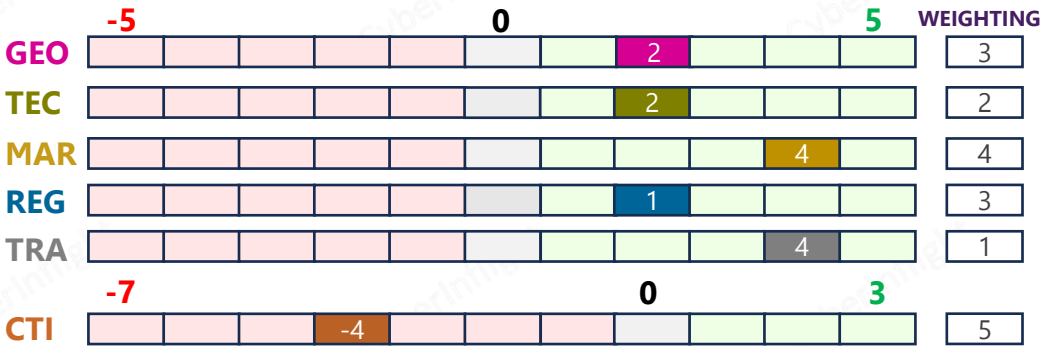
- GEOPOLITICS
- TECHNOLOGY
- MARKET & COMPETITION
- REGULATION
- TRAINING & EDUCATION
- THREAT INTELLIGENCE
- ★ IMPORTANT NEWS

RISC Score Assessment

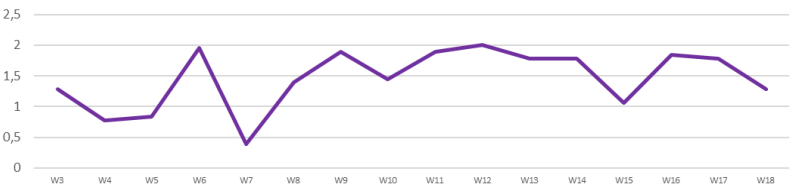


1.28
RISC Score

Overview & Resilience Index for Space Cybersecurity (RISC)



RISC Score evolution in 2025



The RISC score for this watch is 1.28, a slight decrease from last week. This difference is due to more threats and fewer regulations. The score mainly results from a good dynamism on the market (contracts and alliances concluded).

CyberInflight team will attend CYSAT 2025 in Paris at Station F. It will take place on May 14 & 15. This week's geopolitics news includes a combined tabletop exercise conducted by South Korea and the United States against space-based threats amid growing space security threats from North Korea. On the market side, the Space ISAC 2024 annual report is here. It highlights the accomplishments and the collective impact of our members and partners working together to secure the space mission. On the regulation front, NIST Special Publication 800-53 provides a catalog of security and privacy controls for the protection of information systems and organizations from a diverse set of threats and risks. These mappings provide resources for assessing security control coverage of real-world threats as described in the MITRE ATT&CK® knowledge base and provide a foundation for integrating ATT&CK-based threat intelligence into the risk management process. Revision 5, in particular, applies to IT systems, industrial control systems, IoT devices, and more. On the threat intel side, ANSSI, alongside its partners at the Cyber Crisis Coordination Centre (C4), has observed the targeting and compromise of French entities by the APT28 intrusion set. Since 2021, this intrusion set has gathered strategic intelligence from entities in France, Europe, Ukraine, and North America. On the technical front, everything is coming together to make 2025 a pivotal year in the Space Force's long-running effort to make GPS more resistant to jamming, a senior service official said April 29. Lastly, the countdown has begun. CYSAT is just 2 weeks away until CYSAT 2025! May 14–15, at STATION F in Paris.

CYBERINFLIGHT NEWS

★ ANNOUNCEMENT – CyberInflight will be part of CYSAT 2025

CyberInflight team will attend CYSAT 2025 in Paris at the Station F. It will take place on May 14 & 15. **#CYSAT2025 #Event**



GEOPOLITICS

★ S. Korea, US hold 1st joint tabletop exercise against space threats

South Korea and the United States conducted a combined tabletop exercise against space-based threats earlier this week, the South's military said Friday, amid growing space security threats by North Korea. **#USSF #TTX**

Link: <https://www.koreatimes.co.kr/southkorea/defense/20250502/south-korea-us-hold-1st-joint-tabletop-exercise-against-space-threats>



Cyber Super highlights latest developments in USMC Domain of Warfare

Cyber Super highlights latest developments in USMC Domain of Warfare, including the new role of cyber intelligence and the new structure of cyber operations in the USMC. The new role of cyber intelligence is to provide the USMC with the ability to detect, understand, and respond to cyber threats. The new structure of cyber operations is to provide the USMC with the ability to conduct cyber operations in support of its mission.



Link: <https://www.marines.mil/News/News-Details/Article/ArticleID/325417/Cyber-Super-highlights-latest-developments-in-USMC-Domain-of-Warfare>

Lawmakers agreed to replace jammed, hacked satellite links

A bill to replace jammed, hacked satellite links was passed by the House of Representatives. The bill is part of a larger effort to improve the security of the US space force. The bill is expected to be passed by the Senate in the near future.



Link: <https://www.congress.gov/newsroom/recordings/2025/04/29/20250429100000>

TECHNOLOGY

The quantum era has already begun

The quantum era has already begun. Quantum computing is a new technology that has the potential to revolutionize the way we do things. It is a technology that is still in its early stages, but it has the potential to be a game-changer. It is a technology that is still in its early stages, but it has the potential to be a game-changer.

Link: <https://www.quantamagazine.org/quantum-computing-is-a-game-changer-20250429/>

★ Anti-Jamming GPS upgrades coming this year

Everything's coming together to make 2025 a pivotal year in the Space Force's long-running effort to make GPS more resistant to jamming, a senior service official said April 29. **#GPS #AntiJamming**

Link: <https://www.airandspaceforces.com/gps-anti-jamming-upgrades-converging-2025/>



REGULATION

★ Updated NIST 800-53 Mappings to MITRE ATT&CK

The controls cataloged in NIST Special Publication 800-53 are more relevant than ever to private business and government. With revision 5 in particular, controls apply to IT systems, industrial control systems, IoT devices, and more. **#NIST800-53 #MITRE**

Link: <https://center-for-threat-informed-defense.github.io/mappings-explorer/external/nist/>



MARKET & COMPETITION

Wildfire continues, new launch of next generation wildfire satellite with SpaceX, featuring integrated communications and WISDOM integration

Wildfire continues, new launch of next generation wildfire satellite with SpaceX, featuring integrated communications and WISDOM integration. The satellite is expected to be launched in the near future. It is a satellite that is still in its early stages, but it has the potential to be a game-changer. It is a satellite that is still in its early stages, but it has the potential to be a game-changer.

Link: <https://www.spacex.com/launches/next-generation-wildfire-satellite>



MARKET & COMPETITION

France Unveils the quantum satellite network building 100% free optical QKD system

A new 100% free, open-source, 100% built, designed to enable quantum secure satellite communications and space-based optical networking. It will support a secure and trustworthy network for a wide range of applications.

Link: <https://www.satec.fr/en/quantum-satellite-network-building-100-free-optical-qkd-system>



Polish launches internal attack surface management solution to provide protection after threat detection

Polish has launched internal attack surface management (IASM) to help protect customers from cyber threats before they strike. It provides continuous, automated protection by identifying and prioritizing the most vulnerable internal assets and other externalities across an organization's internal IT environment.

Link: <https://www.cyberinflight.com/news/polish-launches-internal-attack-surface-management-solution-to-protect-customer-data>



General Quantum Services and Space ISAC launch first of its kind quantum network for space industry security and innovation

General Quantum Services (GQS) and Space ISAC launch first of its kind quantum network for space industry security and innovation. The network is designed to provide a secure and trustworthy communication channel for space industry stakeholders.

Quantum Collaboration

Link: <https://www.cyberinflight.com/news/general-quantum-services-and-space-isac-launch-first-of-its-kind-quantum-network-for-space-industry-security-and-innovation>



The Space ISAC 2024 annual report is here!

This report highlights our accomplishments and the collective impact of our members and partners working together to secure the space mission. **#SpaceISAC #Report**

Link: https://www.linkedin.com/posts/space-isac_space-isac-2024-annual-report-activity-7322692333148192770-KJTM



India presents QTM2024

India has presented its first Quantum Cyber Threat Intelligence Platform (QCTIP), a system set to deliver strategic cyber intelligence to India's elite, including the Indian Air Force, in addition to the Indian Cyber Army. The platform is designed to provide a secure and trustworthy communication channel for space industry stakeholders.

Link: <https://www.cyberinflight.com/news/india-presents-qtm2024>



New Polish Space Agency chief named after the abrupt exit of predecessor

Polish Minister of Infrastructure and Technology has announced the appointment of Dr. Marek Polak as the new head of the Polish Space Agency (PSA). The appointment comes less than a month after the predecessor was abruptly removed from the office after a scandalous resignation.

Link: <https://www.cyberinflight.com/news/new-polish-space-agency-chief-named-after-abrupt-exit-of-predecessor>



Compassion - India IS awarded 100% free to national successful QTM2024 cyber security capability

Compassion - India IS has been awarded 100% free to national successful QTM2024 cyber security capability. The system is designed to provide a secure and trustworthy communication channel for space industry stakeholders.

Link: <https://www.cyberinflight.com/news/compassion-india-is-awarded-100-free-to-national-successful-qtm2024-cyber-security-capability>



THREAT INTELLIGENCE

When Space Force finds inside the CyberInflight on Poland's Space Agency

When Space Force finds inside the CyberInflight on Poland's Space Agency. The report details the findings of the investigation and the impact on the agency's operations.

Link: <https://www.cyberinflight.com/news/when-space-force-finds-inside-the-cyberinflight-on-poland-s-space-agency>



THREAT INTELLIGENCE

French Satellite Technologies operations disrupted by reconnaissance attack

According to a report from the French Satellite Technologies agency, there has been a reconnaissance attack on the French satellite technologies operations. [Read the full report here.](#)



[Link: https://www.cert.ssi.gouv.fr/uploads/CERTFR-2025-CTI-007.pdf](#)

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Targeting and compromise of French entities using the APT28 intrusion set

ANSSI, alongside its partners at the Cyber Crisis Coordination Centre (C4), has observed the targeting and compromise of French entities by the APT28 intrusion set. Since 2021, this intrusion set has gathered strategic intelligence from entities in France, Europe, Ukraine, and North America. **#APT28 #Russia**



Link: <https://www.cert.ssi.gouv.fr/uploads/CERTFR-2025-CTI-007.pdf>

When satellites go dark – persistent cyber assaults and the growing threat gap

In the last months of 2024, hundreds of satellites were targeted, causing critical disruptions to global communications, navigation systems, and military operations. [Read the full report here.](#)

[Link: https://www.cert.ssi.gouv.fr/uploads/CERTFR-2025-CTI-007.pdf](#)

India displays advanced jamming systems on eastern border to disrupt satellite navigation and GPS

In a bid to disrupt the navigation and communication systems of India's neighbors, India has displayed advanced jamming systems near its eastern border to interfere with satellite navigation systems. [Read the full report here.](#)



[Link: https://www.cert.ssi.gouv.fr/uploads/CERTFR-2025-CTI-007.pdf](#)

TRAINING & EDUCATION



CYSAT EUROPE

Just 2 weeks to go until CYSAT 2025! May 14–15 at STATION F in Paris. The countdown has begun, and it's almost SOLD OUT! **#CYSAT #Event**



Link: https://www.linkedin.com/posts/cysatspace_spacecybersecurity-satellitesecurity-cyberdefense-activity-7323256466117746688-fzvS?rcm=ACoAACVjFHoBnJXMqV4pQkVRLVCw1GWctJMWtVU

Introduction to Secure Space Communication Systems: Principles and Practices

This course will introduce you to the principles and practices of secure space communication systems. [Read the full report here.](#)



[Link: https://www.cert.ssi.gouv.fr/uploads/CERTFR-2025-CTI-007.pdf](#)

Building resilient French Quantum and Space Day leading experts in Quantum, Post Quantum, and Space Security gather near Marseille for a unique technology showcase

The quantum security experts will demonstrate the latest and most advanced quantum security technologies. [Read the full report here.](#)



[Link: https://www.cert.ssi.gouv.fr/uploads/CERTFR-2025-CTI-007.pdf](#)

TRAINING & EDUCATION

Cybersecurity conference conference leading the way

The event will provide you with a lot of the cybersecurity conference materials for you to make your selection to get an overview of the cybersecurity landscape.

Link: [https://www.cyberinflight.com/conference/conference-leading-the-way-2025/](#)

2025's top aerospace, military, and tech leaders to gather in 2025 to discuss critical defense systems

In collaboration with military, aerospace, and technology leaders, the National Defense Industrial Association (NDIA) will host the 2025 Annual Cyber Physical Systems Security Summit (CPSS) on May 13-14, 2025, at the National Academy of Sciences (NAS).

Link: [https://www.ndia.org/conferences/2025/annual-cyber-physical-systems-security-summit-cpss-2025](#)



Heading to space not as tough as you might think

In an event, conference with various sessions, Space Launch Initiative: Accelerating Space Launch (SLI) will discuss the space launch sector as a critical and growing market, which will be supported by the government, as well as a lot of private sector investment from the emerging technology industry.

Link: [https://www.sliforum.com/accelerating-space-launch](#)



Workshop shows how cyberattacks are breaching satellites out of sight

According to the Center for Strategic & International Studies (CSIS), this year's Space Threat Assessment report shows that cyberattacks are breaching satellites out of sight.

Link: [https://www.csis.org/analysis/satellite-cyberattacks-out-of-sight](#)



Workshop 2025

From April 28 to May 1, the 10th edition of the International Workshop on Space Security (IWSS) will take place. This workshop is the most complete and authoritative international workshop on space security.

Link: [https://www.space.gov/for-space-security-workshop-2025](#)



Space Systems Security Assessment

The report, in addition to space security report, will provide a framework for the assessment of space systems, with an introduction to the results of the study of space systems, based on each stage of the space system design, manufacturing, launch, operation, and application of space systems.

Link: [https://www.nasa.gov/press/2025/apr-29/nasa-space-systems-security-assessment-white-paper](#)



CyberInflight is a Market Intelligence company dedicated to the topic of Space Cybersecurity. The company provides strategic market and research reports, bespoke consulting, market watch & OSINT researches and cybersecurity awareness training.

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