

SPACE CYBERSECURITY WEEKLY WATCH

Week 23
June 3 - 9, 2025

Timeframe: Weekly
of articles identified: 35
Est. time to read: 75 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.

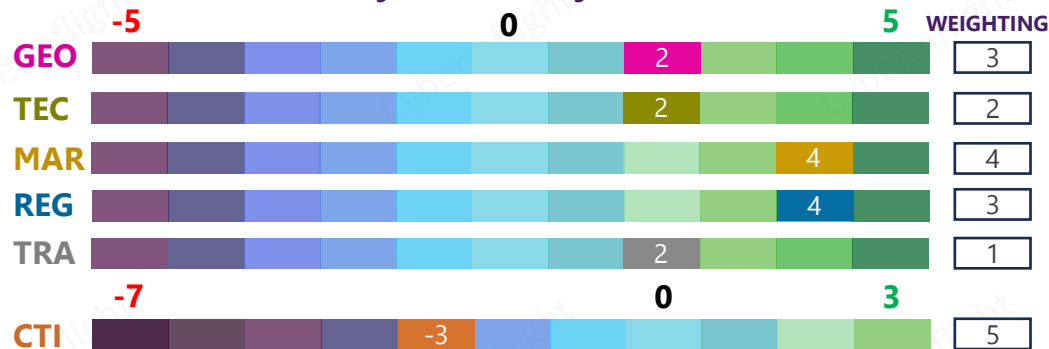
- **GEOPOLITICS**
- **TECHNOLOGY**
- **MARKET & COMPETITION**
- **REGULATION**
- **TRAINING & EDUCATION**
- **THREAT INTELLIGENCE**
- ★ **IMPORTANT NEWS**

RISC Score Assessment

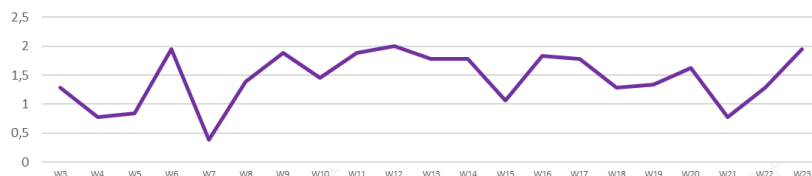


The RISC score for this watch is 1.95, a slight increase from last week. This difference is due to a lot of positive market and regulation news.

Overview & Resilience Index for Space Cybersecurity (RISC)



RISC Score evolution in 2025



As a founding member of EU Space ISAC, CyberInflight participated in the annual plenary meeting of EU Space ISAC in Madrid. This event was crucial for enhancing cooperation and information sharing within the space community. Additionally, this week, the Romanian Space Agency highlighted the need for collaboration and the integration of cybersecurity considerations into the design and operation of space systems. On the technological front, China has tested how the core components of a quantum-based network may endure the rigors of space travel. This is believed to be the beginning of efforts to establish an integrated space-ground system for ultra-secure communications that do not require encryption keys. In terms of regulation, Europe is expected to publish a draft law by the end of June that will overhaul the regulation of space services, introducing unified rules for companies operating in or selling to the European market. On the market side, Indra Group showcased the DISCRETION project, a €6m initiative funded under the European Defence Industrial Development Programme (EDIDP). This project successfully demonstrated a quantum-secure network for military use, showcasing capabilities for encrypted messaging, resilience against cyber-threats, and operational flexibility. Regarding threats, shortly after India launched its PSLV-C61 rocket carrying the EOS-09 satellite, several Pakistan-based social media accounts began spreading misleading claims about the mission, suggesting that the mission failed due to a cyberattack. Although ISRO reported a technical issue during the rocket's third stage, there is no evidence of any cyberattack or sabotage. Lastly, Space ISAC is excited to participate in the 3rd Australian Space Cyber Forum, which will take place from June 23 to 24 in Adelaide.

CYBERINFLIGHT'S NEWS

CyberInflight participated in the EU SpaceISAC board meeting

The annual EU Space ISAC plenary meeting was hosted in Madrid. The plenary, co-chaired by the European Commission's Directorate-General for Defence Industry and Space (EU DEFIS) and the EUSPA - EU Agency for the Space Programme, marks a key moment for advancing cooperation and information-sharing across the space community.

#SpaceISAC #BoardMeeting

Link: https://www.linkedin.com/posts/gmv-espacio_isac-spacesecurity-euspace-activity-7336408761806290945-4sV/



GEOPOLITICS

United Nations talks security council 152 setting up space resolution

The United Nations Security Council has agreed to set up a working group to develop a resolution on space security. The resolution, which is expected to be adopted in the coming months, will be the first of its kind and will be a landmark for the international community.

Link: <https://www.un.org/press/en/2024/sc1522024.htm>



USCIB steps up quantum encryption efforts amid rising threats

The United States Cyber Intelligence Board (USCIB) has stepped up its efforts to develop quantum encryption technology. The board, which is part of the National Security Agency, has announced that it will be working with industry partners to develop a quantum encryption standard.

Link: <https://www.uscib.gov/newsroom/uscib-quantum-encryption-efforts>

White House public consultation for Trump's pick to lead NSAS

The White House is seeking public input on the selection of a new National Security Advisor. The current advisor, Michael Flynn, is expected to leave his post in the coming months. The White House is looking for someone who has a strong background in national security and who can work closely with the President.

Link: <https://www.whitehouse.gov/briefing-room/statements-releases/2024/06/03/>



Romania strengthens European cooperation in space and cybersecurity between ROSA, SEREN 5 network and EU Cyber Centre

ROSA emphasized the importance of integrating cybersecurity considerations into the design and operation of space systems, as well as Romania's role in supporting participation in European research and innovation programs, particularly under Horizon Europe – Cluster 3. **#EU #Cooperation**

Link: <https://www.caleaeuropeana.ro/romania-strengthens-european-cooperation-in-space-and-cybersecurity-between-rosa-seren-5-network-and-eu-cyber-centre/>



TECHNOLOGY

Japan NSAS reveals high resilience with jamming resistance for critical infrastructures, marine, and defense applications

The Japanese National Security Agency (NSAS) has revealed that its new jamming technology can withstand high levels of resistance. The technology, which is being developed for use in critical infrastructures, marine, and defense applications, is expected to be deployed in the coming years.

Link: <https://www.nsas.go.jp/en/press-releases/2024/06/03/>



China scientists put direct quantum communications tech to test in space flight

China has tested how the core components of a quantum-based network might withstand the rigours of space travel, in what is believed to be the start of efforts to build an integrated space-ground system for ultra-secure communications that do not need encryption keys. **#Quantum #Encryption**

Link: <https://www.scmp.com/news/china/science/article/3313133/china-scientists-put-direct-quantum-communications-tech-test-space-flight>



REGULATION



Europe's far-reaching Space Act nears launch

Europe is expected to publish a draft law by the end of June to overhaul the regulation of space services, introducing unified rules for companies operating in or selling to the European market. **#SpaceAct #Rules**

Link: <https://spacenews.com/europes-far-reaching-space-act-nears-launch/>



NTT releases draft NIS 2.0 for system security, privacy, supply chain planning calls for public comment

The U.S. National Institute of Standards and Technology (NIST) released the draft Special Publication 800-191 that focuses on the development of system plans that address system-level security, privacy, and cyber resilience. The draft Management Plan (MP) outlines requirements that may derive from enterprise, organizational, and infrastructure security requirements. **#SupplyChain #NIS2.0**



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Senators introduce Sensible Cybersecurity Bill, June 5, 2025

Sen. Ted Cruz and Sen. Tom Cotton have introduced the Sensible Space Act of 2025, which seeks to prevent foreign adversaries from accessing U.S. satellite systems. **#SensibleBill**



Link: <https://www.senate.gov/legislation/bills/2025/sensible>

Link: <https://www.senate.gov/legislation/bills/2025/sensible>

MARKET & COMPETITION

NTT and Alcatel start satellite launch scheduled for next year from California to advance quantum with space communications

NTT and Alcatel have announced the upcoming launch of Alcatel's scheduled for second week of next year, marking the first satellite to enable quantum-based networking. The mission includes a new set of quantum satellite space communications, establishing a space-based first-of-its-kind for first quantum key distribution system designed to secure global data infrastructure against emerging quantum threats. **#Quantum #NTT**



Link: <https://www.ntt.com/en/newsroom/2025/06/03/ntt-and-alcatel-start-satellite-launch-scheduled-for-next-year>

Highway becomes a new member of Space 2025

The Space Information Sharing and Analysis Center (Space ISAC) announced that Highway is now officially joined as a Space ISAC member. The development is set to enhance collaboration across cybersecurity, autonomous systems, and defense intelligence within the space sector. **#SpaceISAC #Highway**



Link: <https://www.spaceisac.com/2025/06/03/highway-is-a-new-member-of-space-isac/>

Highway private sector partnerships for space systems innovation and security

Highway is a growing commercial satellite constellation service dependent on both public and private resources and expertise. Highway private sector partnerships support the successful growth and secure operations of the space sector.

Partnership Model

Link: <https://www.highway.space/partnerships>

The Commercial Space Federation announces the creation of the Space Supply Chain Council

The effort to strengthen advocacy for the U.S. space industry, the Commercial Space Federation (CSF) is proud to announce the creation of the Space Supply Chain Council (SSCC). The new SSCC will work to address industry supply chain vulnerabilities and provide updates on specific topics of interest to members. **#CSF #SSCC**

Link: <https://www.commercialspacefederation.org/press-releases/2025/06/03/sscc/>



MARKET & COMPETITION



US Systems to provide US Space Force with secure, encrypted and tracking satellite system

The system will be used to provide US Space Force with secure, encrypted and tracking satellite system. The system will be used to provide US Space Force with secure, encrypted and tracking satellite system. The system will be used to provide US Space Force with secure, encrypted and tracking satellite system.

Link: [https://www.defense.gov/Newsroom/News-Transcripts/Transcript.aspx?TranscriptID=1111111](#)



UK, Norway, and India Launch Space-Based Quantum Safe Cryptography Trial

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Link: [https://www.uk-space.com/news/uk-space-launches-quantum-safe-cryptography-trial](#)

Indra Group advances Europe's leadership in quantum communications for Defence and Space

DISCRETION, a €6m project funded under the European Defence Industrial Development Programme (EDIDP), successfully demonstrated a quantum-secure network for military use. The demonstration showcased encrypted messaging capabilities, resilience against cyber threats, and operational flexibility. **#DISCRETION #Quantum**

Link: <https://www.indracompany.com/en/noticia/indra-group-advances-europes-leadership-quantum-communications-defence-space>



Indra Develops Quantum

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Link: [https://www.indracompany.com/en/noticia/indra-develops-quantum](#)



Israel Sets New Record in Defense Expenditure: Over \$14.7 Billion in 2024

The Ministry of Defense announced that Israel's defense expenditure for 2024 reached a record of over \$14.7 billion. The expenditure was used for various defense projects, including the development of new weapons and the modernization of the Israeli Air Force.

Link: [https://www.military.com/defense-expenditure-israel-2024](#)



France and South Korea to Boost Public Domain Defense and Space Capabilities in Europe

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ESA's Horizon programme strengthens Europe's connectivity. Participation in the 6G satellite project

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Link: [https://www.esa.int/ESA_Media/Press_Releases/2024/06/06/ESA_Horizon_programme_strengthens_Europes_connectivity_Participation_in_the_6G_satellite_project](#)



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Link: [https://www.esa.int/ESA_Media/Press_Releases/2024/06/06/ESA_Horizon_programme_strengthens_Europes_connectivity_Participation_in_the_6G_satellite_project](#)



THREAT INTELLIGENCE

Space events could be held anytime. Will we have any chance left to go?

In space, the days when most events were done in orbit, and now the world of satellites and in orbit with them, have the potential of a future where events are held in orbit with them. [Read More](#)

[Link: https://www.cyberinflight.com/news/space-events-could-be-held-anytime-will-we-have-any-chance-left-to-go/](#)

2025 spending is growing global threat

With space being a key part of the world's security, the 2025 spending on space is growing. The world's top of intelligence agencies are looking at the world's security, and the world's security is growing. [Read More](#)

[Link: https://www.cyberinflight.com/news/2025-spending-is-growing-global-threat](#)

Russia learned how to join Russian border. In Russia, Russia is by beyond the border

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[Link: https://www.cyberinflight.com/news/russia-learned-how-to-join-russian-border-in-russia-russia-is-by-beyond-the-border](#)

Space system cyber attacks increasingly a 'concerning' threat

Space system cyber attacks are increasingly a 'concerning' threat. The world's top of intelligence agencies are looking at the world's security, and the world's security is growing. [Read More](#)

[Link: https://www.cyberinflight.com/news/space-system-cyber-attacks-increasingly-a-concerning-threat](#)



Fact check on claim that india's PSLV-C61 launch failed due to cyberattack and rocket explosion

Shortly after India launched its PSLV-C61 rocket carrying the EOS-09 satellite, several Pakistan-based social media accounts began spreading misleading claims. They alleged the mission failed due to a cyber attack, with some even suggesting the rocket exploded mid-air. While ISRO did report a technical issue during the rocket's third stage, there is no evidence of any cyber attack or sabotage. **#Launch #Cyberattack**

Link: <https://dintendata.com/fact-check-on-claim-that-indias-pslv-c61-launch-failed-due-to-cyberattack-and-rocket-explosion/>

Willow Cyberattack

Russia has learned how to join Russian border. In Russia, Russia is by beyond the border. [Read More](#)

[Link: https://www.cyberinflight.com/news/willow-cyberattack](#)

Space system cyber attacks increasingly a 'concerning' threat

Space system cyber attacks are increasingly a 'concerning' threat. The world's top of intelligence agencies are looking at the world's security, and the world's security is growing. [Read More](#)

[Link: https://www.cyberinflight.com/news/space-system-cyber-attacks-increasingly-a-concerning-threat](#)

The new attack surface from space to smartphones

The new attack surface from space to smartphones. The world's top of intelligence agencies are looking at the world's security, and the world's security is growing. [Read More](#)

[Link: https://www.cyberinflight.com/news/the-new-attack-surface-from-space-to-smartphones](#)

Russian targets the satellite of the Russian Space Agency of Moscow

The Russian space group has targeted the satellite of the Russian Space Agency with a cyber attack. [Read More](#)

[Link: https://www.cyberinflight.com/news/russian-targets-the-satellite-of-the-russian-space-agency-of-moscow](#)



TRAINING & EDUCATION

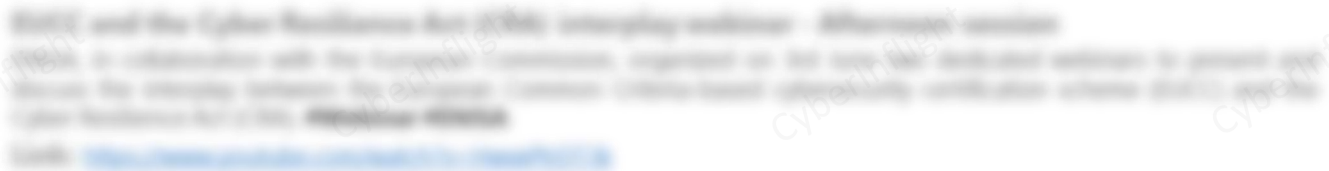


Space ISAC is thrilled to be participating in the 3rd Australian Space Cyber Forum — taking place June 23–24 in Adelaide!

This incredible event brings together global leaders to explore the challenges and future of cybersecurity in the space domain. From technical deep dives and hands-on simulations to critical policy discussions and international collaboration, this forum is shaping the secure future of space. **#Forum #SpaceISAC**



Link: https://www.linkedin.com/posts/space-isac_3rd-australian-space-cyber-forum-ugcPost-7335724991478460418-25Td



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.

Contact us at: research@cyberinflight.com