SPACE CYBERSECURITY WEEKLY WATCH

Week 26

June 24 - 30, 2025

Timeframe: Weekly

of articles identified: 41

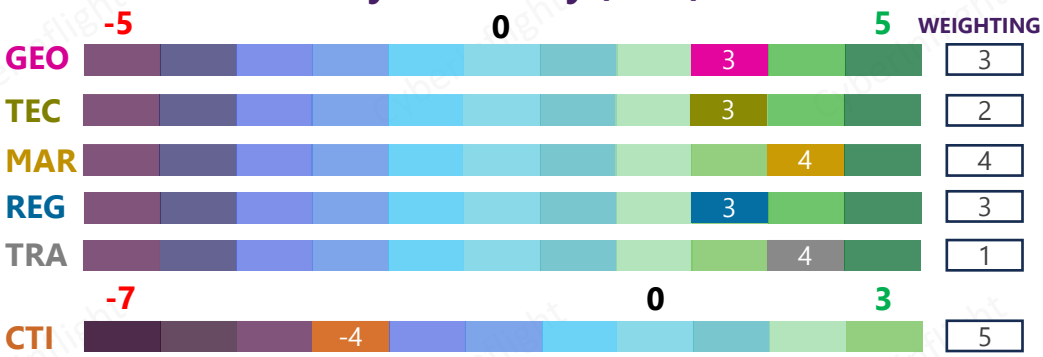
Est. time to read: 90 minutes

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

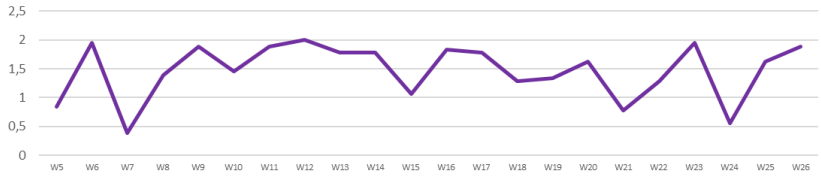
- GEOPOLITICS
- TECHNOLOGY
- MARKET & COMPETITION
- REGULATION
- TRAINING & EDUCATION
- THREAT INTELLIGENCE
- IMPORTANT NEWS

RISC Score Assessment

Overview & Resilience Index for Space Cybersecurity (RISC)



RISC Score evolution in 2025



The RISC score for this watch is 1.89, an increase from last week. This difference is due to a slight improvement on the threat intel front.

This week, on the regulatory front, the European Commission published the long-awaited proposal for the EU Space Act, establishing a comprehensive regulatory framework to strengthen the resilience, safety, and sustainability of space activities across the Union. CyberInflight is proud to have contributed its space cybersecurity expertise to this critical initiative! On the geopolitical front, the commander of US Space Command, Gen. Stephen Whiting, talks, in an interview, about everything from the Golden Dome to the Commercial Augmented Space Reserve to his worries about Beijing's efforts in space. On the technological side, India's response to the quantum challenge is spearheaded by ISRO (Indian Space Research Organisation) and DRDO (Defense Research and Development Organisation), two agencies driving innovation in secure communication. Moreover, the market is quite dynamic, with the Italian Space Agency (ASI) having awarded Starion Italia the design, development, and implementation of the Cyber Security Operations Center (C-SOC). This innovative facility will protect the agency's space and digital infrastructure. On the threat front, Russian hybrid threats, including sabotage of critical infrastructure, vandalism, weaponized migration, and military intimidation, are highly likely to intensify around the 2025 NATO Summit, especially in the Baltic states, Poland, and Germany. Lastly, the recording of the presentation "Securing the stars: safeguarding space systems" by Chathura Abeydeera, at AUSCERT 2025, is out! (Re)Discover it!

CYBERINFLIGHT'S NEWS

CyberInflight is proud to have contributed to the EU Space Act

The European Commission published the long-awaited proposal for the EU Space Act, establishing a comprehensive regulatory framework to strengthen the resilience, safety, and sustainability of space activities across the Union. CyberInflight is proud to have contributed its space cybersecurity expertise to this critical initiative!

#EUSpace #EUSpaceAct

Link: https://www.linkedin.com/feed/update/urn:li:activity:7343954382046027776/

CyberInflight is proud to have attended the EU Space ISAC General Meeting

EU Space ISAC Launches Next Phase with First General Meeting on 4–5 June 2025, marking a key milestone one year after its establishment. With the presence of the European Commission and EUSPA - EU Agency for the Space Programme, the meeting brought together the 50 members from 13 countries across the European space sector.

#EUSpace #SpaceISAC

Link: https://www.linkedin.com/posts/eu-space_eu-space-isac-launches-next-phase-with-activity-7343986467326619649-65hK?utm_source=share&utm_medium=member_desktop&rcm=ACoAAC6ww1MBDUN4xAUPfCv581dgYy1A-7vlm60

GEOPOLITICS

The element of surprise: Space and cyber warfare in U.S.-China rivalry

Just as the Ukraine-Russia war is demonstrating that drone warfare has moved from the tactical to the strategic, China's hacking activities showcase how cyber intrusions are increasingly strategic in effect. This is especially true when considering their potential impact on space systems. #CyberWarfare #Cyberattack

Link: https://www.usip.org/publications/2025/06/element-surprise-space-and-cyber-warfare-us-china-rivalry

Canada, EU sign defense pact that could enable joint weapons work

Canada and the European Union have signed an ambitious defense pact involving deeper cooperation on cyber, maritime, and space security, paving the way for joint weapon procurement between the two allies. #SpaceSecurity #DefensePact

Link: https://www.defensenews.com/global/europe/2025/06/24/canada-eu-sign-defense-pact-that-could-enable-joint-weapons-work/

US Space Command's Gen. Whiting talks Golden Dome, EW and China's space-based kill chain

The commander of US Space Command Gen. Stephen Whiting talks, in this interview, about everything from Golden Dome to the Commercial Augmented Space Reserve to his worries about Beijing's efforts in space. #**SpaceWarfare #U.S.**

Link: https://breakingdefense.com/2025/06/us-space-commands-gen-whiting-talks-golden-dome-ew-and-chinas-space-based-kill-chain/

Cyber, electronic warfare key to winning future fights, DARPA official says

Cyber and electromagnetic warfare are now crucial tools for modern warfare, but they are not emphasized enough as the U.S. develops weapons for fighter pilots, DARPA Deputy Director Rob McHenry said during a June 17 event hosted by the Mitchell Institute for Aerospace Studies. At most pilot training exercises, such capabilities and effects are separated from tactical operations training. #Warfare #DARPA

Link: https://www.airandspaceforces.com/cyber-ew-in-future-wars-darpa/

AUKUS needs a third pillar: space

AUKUS is reshaping Australia's strategic future, but its vision is incomplete. While the partnership's first two pillars focus on submarines and advanced technologies, they rely on an often overlooked domain: space. If AUKUS is to deliver on its promise of deterrence, sovereignty and regional stability, it must urgently establish a third pillar dedicated to space. #AUKUS #Governance

Link: https://www.aspistrategist.org.au/aukus-needs-a-third-pillar-space/

How geopolitical tensions are shaping cyber warfare

As global conflicts intensify, cyberspace is becoming just as contentious as the physical world. Digital frontlines are expanding rapidly, with nation-state-backed actors launching attacks against governments, infrastructure, finance, and private enterprise. What's changing isn't just the scale; it's also the focus. #CyberWarfare #Threat

Link: https://www.darkreading.com/cyber-ai/cyber-frontlines-how-geopolitical-tensions-shape-cyber-warfare

Switzerland concerned about Russian satellite interference

Switzerland and 29 European states are very concerned about deliberate interference from Russia on satellite communications and satellite navigation signals. #GPS #Spoofing

Link: https://www.swissinfo.ch/eng/foreign-affairs/satellites-switzerland-and-29-countries-concerned-about-russian-interference/89188112

GEOPOLITICS

[redacted]

REGULATION

[redacted]

★ **Commission proposes EU Space Act to boost market access and strengthen space safety**

The European Commission has proposed the EU Space Act, a new set of ambitious measures to make Europe's space sector cleaner, safer and more competitive in Europe and its export markets. The EU Space Act intends to cut red tape, protect space assets, and create a fair, predictable playing field for businesses. **#EUSpaceAct #Draft**

Link: https://ec.europa.eu/commission/presscorner/detail/en/ip_25_1583

[redacted]

TECHNOLOGY

★ **End of cybercrime? How ISRO and DRDO are building India's unhackable quantum network**

India's response to the quantum challenge is spearheaded by ISRO (Indian Space Research Organisation) and DRDO (Defense Research and Development Organisation) two agencies driving innovation in secure communication.

#DRDO #ISRO

Link: https://timesofindia.indiatimes.com/science/end-of-cybercrime-how-isro-and-drdo-are-building-indias-unhackable-quantum-network/articleshow/122025465.cms

[redacted]

TECHNOLOGY

MARKET & COMPETITION

MARKET & COMPETITION

[redacted]

Spazio: contratto ASI a Starion Italia per il Cyber Security Operations Center *(Trad: Space: ASI contract to Starion Italy for Cyber Security Operations Center)*

The Italian Space Agency (ASI) has awarded Starion Italia the design, development and implementation of the Cyber Security Operations Center (C-SOC), an innovative facility that will ensure the protection of the agency's space and digital infrastructure. It was signed by ASI Director General Luca Vincenzo Maria Salamone and Starion Italia CEO Stefano Tatoni in the presence of ASI President Teodoro Valente. **#ASI #Starion**

Link: https://ageei.eu/spazio-contratto-asi-a-starion-italia-per-il-cyber-security-operations-center/

[redacted]

[redacted]

THREAT INTELLIGENCE

[redacted]

[redacted]

Russian hybrid threats likely to escalate around 2025 NATO Summit, putting European critical infrastructure at high risk

Recorded Future warns that Russian hybrid threats, including sabotage of critical infrastructure, vandalism, weaponized migration, and military intimidation, are highly likely to intensify around the 2025 NATO Summit. These activities are expected to particularly target European countries, especially if the summit produces decisive outcomes on Ukraine. The Baltic states, Poland, and Germany face the highest risk. **#NATO #Russia**

Link: https://industrialcyber.co/reports/russian-hybrid-threats-likely-to-escalate-around-2025-nato-summit-putting-european-critical-infrastructure-at-high-risk/

[redacted]

THREAT INTELLIGENCE

[redacted]

TRAINING & EDUCATION

[redacted]

AUSCERT2025 - Securing the stars: safeguarding space systems by Chathura Abeydeera

This presentation highlights the need for protection and resilience of space systems, necessitating a robust cybersecurity framework supported by advanced cyber intelligence. Cybersecurity and resilience of space systems are not just a strategic choice but an imperative for preserving the functionality, safety, and economic stability of space system sectors in the face of escalating cyber threats. **#AUSCERT2025 #Video**

Link: https://www.youtube.com/watch?v=q8lzBww-Ilk

[redacted]

TRAINING & EDUCATION