



SPACE CYBERSECURITY WEEKLY WATCH

Week 14

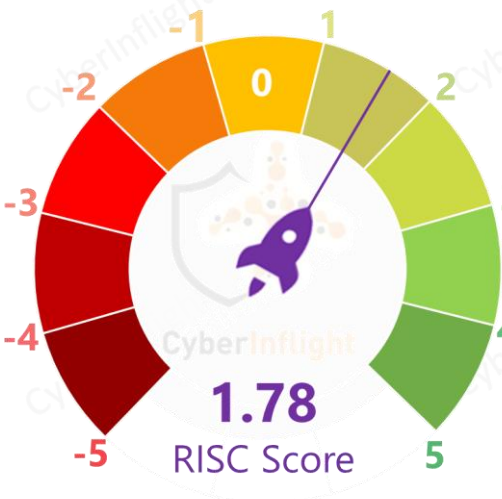
April 1 – 7, 2025

Timeframe: Weekly
of articles identified: 27
Est. time to read: 55 minutes

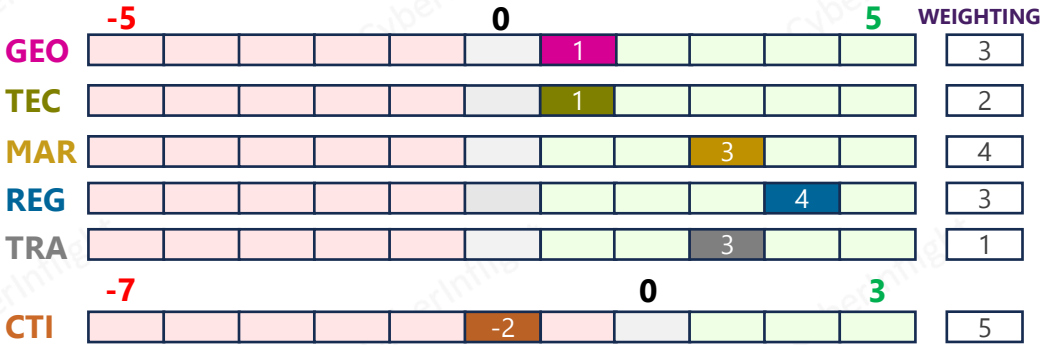
Articles, company's communications, whitepapers, academic works, podcast, and sources not to be missed on the topic of space cybersecurity over a specified timeframe.

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

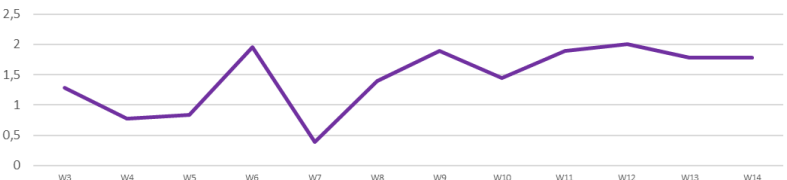
RISC Score Assessment



Overview & Resilience Index for Space Cybersecurity (RISC)



RISC Score evolution in 2025



➡ The RISC score for this watch is 1.78, the same as last week. This score is due to a few negative geopolitical news, but it is compensated by many regulations worldwide, some news on the market, and few threats.

This week's geopolitics news includes the sweeping tariff environment imposed by President Donald Trump, creating conditions that incentivize adversaries to launch cyberattacks in response to economic pressures, as said by Tenable Co-CEO Steve Vintz. On the market side, Frontgrade Gaisler, a leading provider of radiation-hardened microprocessors for space missions, and wolfSSL, a renowned provider of embedded security solutions, are pleased to announce a new collaboration that addresses the growing need for robust cybersecurity features in space applications. On the regulation front, the Ministry of Defense of Ukraine announced the development of the space management policy. It should unite public and private companies and space scientists to interact with the Ukrainian army. On the threat intel side, Russia has been increasingly successful at blocking Ukraine's use of SpaceX's Starlink communications constellation, citing media reports in December 2024 about a new system specifically targeting Starlink called Kalinka, developed by the Russian Center for Unmanned Systems and Technologies. On the technical front, the European Space Agency's (ESA) Threat Risk Assessment on LEO Satellite Constellation (TRALEO) project is designed to gain insights into the end-to-end cyber resilience and security of low Earth orbit (LEO) SmallSats. Lastly, the 3rd Australian Space Cyber Forum is set for Monday, 23rd & Tuesday, 24th June 2025, at the Adelaide Convention Centre.

CYBERINFLIGHT NEWS



CyberInflight founder and CEO Florent Rizzo was interviewed about game-changing predictions for cybersecurity in 2025

Via Satellite spoke with cybersecurity and space experts to predict what's to come in 2025, including the impact of rapid advancements in Artificial Intelligence (AI) and quantum technologies. **#SpaceCyber #Interview**



Link: <https://interactive.satellitetoday.com/via/april-may-2025/game-changing-predictions-for-cybersecurity-in-2025>

GEOPOLITICS



Tariffs create more volatile environment for cyberattacks, industry executive warns

The sweeping tariff environment imposed by President Donald Trump is creating conditions that incentivize adversaries to launch cyberattacks in response to economic pressures, Tenable Co-CEO Steve Vintz said in an interview.



#Tariffs #Cyberattacks

Link: <https://www.nextgov.com/cybersecurity/2025/04/tariffs-create-more-volatile-environment-cyberattacks-industry-executive-warns/404267/>

Head of National Security Agency and Cyber Command is warned

Director of the National Security Agency and Cyber Command, Michael R. Bolton, was warned by a former NSA official that the agency is at risk of being overwhelmed by the sheer volume of cyber threats and attacks.



Link: <https://www.nextgov.com/cybersecurity/2025/04/head-of-national-security-agency-and-cyber-command-is-warned/>

Global navigation systems are facing an alarming rise in jamming and spoofing incidents

Global navigation systems, including GPS, Galileo, GLONASS, and BeiDou, are facing an alarming rise in jamming and spoofing incidents, according to a report from the European Space Agency.

Link: <https://www.nextgov.com/cybersecurity/2025/04/global-navigation-systems-are-facing-an-alarming-rise-in-jamming-and-spoofing-incidents/>

MARKET & COMPETITION

ISRO and ISL India sign MoU to enhance satellite communications and cybersecurity in India's space ecosystem

The Indian Space Research Organisation (ISRO) and the Indian Space Limited (ISL) have signed a Memorandum of Understanding (MoU) to enhance satellite communications and cybersecurity in India's space ecosystem.



Link: <https://www.nextgov.com/cybersecurity/2025/04/isro-and-isl-india-sign-mou-to-enhance-satellite-communications-and-cybersecurity-in-indias-space-ecosystem/>

Agencies with similar task conditions to stimulate US competition

The Department of Defense (DoD) is looking to stimulate competition in the space sector by creating agencies with similar task conditions to those of the National Aeronautics and Space Administration (NASA).



Link: <https://www.nextgov.com/cybersecurity/2025/04/agencies-with-similar-task-conditions-to-stimulate-us-competition/>



Frontgrade Gaisler and wolfSSL collaborate to enhance cybersecurity in space applications

Frontgrade Gaisler, a leading provider of radiation-hardened microprocessors for space missions, and wolfSSL, a renowned provider of embedded security solutions, are pleased to announce a new collaboration that addresses the growing need for robust cybersecurity features in space applications. This joint effort will combine Frontgrade Gaisler's radiation-hardened electronics with wolfSSL's security software libraries. **#Collaboration #wolfSSL**



Link: <https://aijourn.com/frontgrade-gaisler-and-wolfssl-collaborate-to-enhance-cybersecurity-in-space-applications/>

ESA's Space Security Office leads efforts to test European space projects from Australia and build a 100% "Made in Europe" solution aligned with the NATO strategy

The European Space Agency (ESA) is leading efforts to test European space projects from Australia and build a 100% "Made in Europe" solution aligned with the NATO strategy. The project involves the development of a new space-based security system that will be used to protect European space assets from cyber threats.



Link: [https://www.nextgov.com/cybersecurity/2025/04/esas-space-security-office-leads-efforts-to-test-european-space-projects-from-australia-and-build-a-10-made-in-europe-solution-aligned-with-the-nato-strategy/](https://www.nextgov.com/cybersecurity/2025/04/esas-space-security-office-leads-efforts-to-test-european-space-projects-from-australia-and-build-a-100-made-in-europe-solution-aligned-with-the-nato-strategy/)

MARKET & COMPETITION

United States U.S. Space Force contract to provide military satellite connectivity

United States U.S. Space Force contract to provide military satellite connectivity. The U.S. Space Force has awarded a contract to provide military satellite connectivity to the U.S. Defense Department. The contract is for the development and deployment of a new satellite system. The system will provide connectivity to U.S. military forces. The system will also provide connectivity to U.S. allies. The system will be used for a variety of military operations. The system will be used for a variety of military operations. [Read More](#)



Link: [https://www.spaceforce.mil/News/News-Details/Space-Force-Contract-to-Provide-Military-Satellite-Connectivity](#)

TECHNOLOGY

Space Administration will test GPS satellite technology for GPS satellite program

Space Administration will test GPS satellite technology for GPS satellite program. The Space Administration is testing GPS satellite technology for the GPS satellite program. The testing will be conducted in the near future. The testing will be conducted in the near future. The testing will be conducted in the near future. The testing will be conducted in the near future. [Read More](#)



Link: [https://www.spaceadministration.gov/News/News-Details/Space-Administration-Will-Test-GPS-Satellite-Technology-for-GPS-Satellite-Program](#)

★ Advancing the cyber resilience of SmallSat missions through TRALEO

The European Space Agency's (ESA) Threat Risk Assessment on LEO Satellite Constellation (TRALEO) project is designed to gain insights into the end-to-end cyber resilience and security of low Earth orbit (LEO) SmallSats. **#ESA #TRALEO**



Link: <https://www.stariongroup.eu/advancing-the-cyber-resilience-of-smallsat-missions-through-traleo/>

REGULATION

Bringing together the Management of Europe's Space and Defense Industries

Bringing together the Management of Europe's Space and Defense Industries. The report outlines the connection between European security and defense policy, as well as the increasing importance of the European space sector in security and defense activities, and a possible role of interest by defense companies towards the space sector. [Read More](#)



Link: [https://www.esa.int/ESA/Space/Bringing_together_the_Management_of_Europe's_Space_and_Defense_Industries](#)

Investigation to monitor the systems of information (that information systems security)

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Link: [https://www.investigation.to/monitor-the-systems-of-information-that-information-systems-security](#)

★ Міноборони створило управління космічної політики (Trad:The Ministry of Defense has created a space policy management)

The Ministry of Defense of Ukraine announced the development of the space management policy. It should unite public and private companies and space scientists to interact with the Ukrainian army. **#SpaceLaw #Defence**



Link: <https://suspilne.media/982453-minoboroni-stvorilo-upravlinna-kosmicnoi-politiki/>

U.S. Space Force releases cyber operations doctrine

U.S. Space Force releases cyber operations doctrine. The U.S. Space Force has released its cyber operations doctrine. The doctrine is for the U.S. Space Force. The doctrine is for the U.S. Space Force. The doctrine is for the U.S. Space Force. [Read More](#)



Link: [https://www.spaceforce.mil/News/News-Details/Space-Force-Releases-Cyber-Operations-Docctrine](#)

Cyber security and resilience policy statement

Cyber security and resilience policy statement. The U.S. has published a cyber security and resilience policy statement. The statement is for the U.S. The statement is for the U.S. The statement is for the U.S. [Read More](#)



Link: [https://www.whitehouse.gov/the-press-office/2025/04/01/cyber-security-and-resilience-policy-statement](#)


THREAT INTELLIGENCE

Advancing cyber and electronic warfare integration

The report explores how cyber, electronic, and intelligence domains cyber and the expanding effects that integration. **#CyberInflight**

Link: <https://breakingdefense.com/2025/04/advancing-cyber-and-electronic-warfare-integration/>

Counterspace capabilities advancing around the globe: secure world foundation

The report finds that Russia has been increasingly successful at blocking Ukraine's use of SpaceX's Starlink communications constellation, citing media reports in December 2024 about a new system specifically targeting Starlink called Kalinka and developed by the Russian Center for Unmanned Systems and Technologies. 

#Russia #SignalsInterference

Link: <https://breakingdefense.com/2025/04/counterspace-capabilities-advancing-around-the-globe-secure-world-foundation/>

USF planning to speedify Russian maritime navigation

The report notes that the USF is planning to speedify Russian maritime navigation. **#CyberInflight**

Link: <https://breakingdefense.com/2025/04/usf-planning-to-speedify-russian-maritime-navigation/>

USF highlights space capabilities, sets priorities for space security by 2030

The report highlights how the prioritized analysis of space activities affects the USF's current and future capabilities. **#CyberInflight**

Link: <https://breakingdefense.com/2025/04/usf-highlights-space-capabilities-sets-priorities-for-space-security-by-2030/>

TRAINING & EDUCATION

USF planning to speedify Russian maritime navigation

The report notes that the USF is planning to speedify Russian maritime navigation. **#CyberInflight**

#CyberInflight

Link: <https://breakingdefense.com/2025/04/usf-planning-to-speedify-russian-maritime-navigation/>

Space law and regulation

The report notes that the USF is planning to speedify Russian maritime navigation. **#CyberInflight**

Link: <https://breakingdefense.com/2025/04/space-law-and-regulation/>

USF Planning Space Security Conference

The report notes that the USF is planning to speedify Russian maritime navigation. **#CyberInflight**


Link: <https://breakingdefense.com/2025/04/usf-planning-space-security-conference/>

USF Planning Space Security Conference

The report notes that the USF is planning to speedify Russian maritime navigation. **#CyberInflight**

Link: <https://breakingdefense.com/2025/04/usf-planning-space-security-conference/>

The 3rd Australian space cyber forum

The 3rd Australian Space Cyber Forum is set for Monday 23rd & Tuesday 24th June 2025 at the Adelaide Convention Centre. Stakeholders will be offered a prime opportunity to connect and engage with top national and international experts in Space Cybersecurity. **#Forum #ASCF** 

Link: https://www.linkedin.com/posts/spacecyber-inc_are-you-involved-in-the-space-cyber-or-activity-7313093575397842944-FG7r?rcm=ACoAACVjFHoBnJXMQv4pQkVRLVCw1GWctJMWtVU



Contact us at: research@cyberinflight.com