



SPACE CYBERSECURITY WEEKLY WATCH

Week 19
May 6 - 12, 2025

Timeframe: Weekly
of articles identified: 28
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.

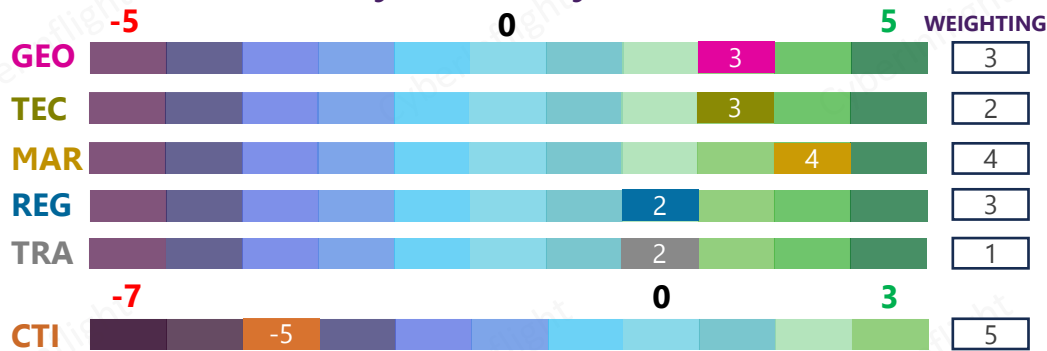
- **GEOPOLITICS**
- **TECHNOLOGY**
- **MARKET & COMPETITION**
- **REGULATION**
- **TRAINING & EDUCATION**
- **THREAT INTELLIGENCE**
- ★ **IMPORTANT NEWS**

RISC Score Assessment

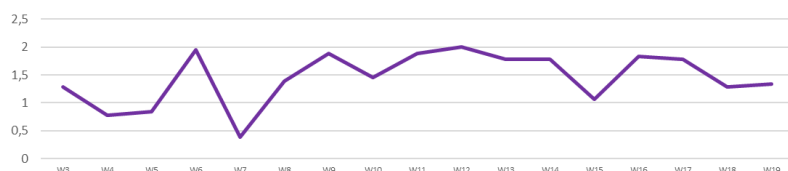


The RISC score for this watch is 1.34, a slight increase from last week. This difference is due to better technological, regulatory, and market climates, despite several reports on threats and attacks on the space sector.

Overview & Resilience Index for Space Cybersecurity (RISC)



RISC Score evolution in 2025



CyberInflight, as a Founding member of the EU Space ISAC and Task Leader of Task 5 of the Working Group #3 "Standards and regulations", is proud to share an EU Space ISAC survey. All institutions and industry entities whose activities are related to space and security topics are invited to answer it. Moreover, CYSAT 2025 starts this week with several interesting panels, such as one by Matthias Popoff. On May 15th at 14:00 on the Master Stage, Matthias Popoff, from CyberInflight, will present the Russian space cybersecurity ecosystem. Don't miss this exclusive talk! On the geopolitical side, this week, Europe is increasingly awakening to the pressing need to bolster its defense capabilities. From the shadowy realm of cyber-threats to the palpable tensions of geopolitical rivalries, the continent must swiftly adapt to a new reality where traditional defense strategies are no longer sufficient. On the technological front, the new NATO Science & Technology Trends 2025–2045 report is out. Discover it! Regarding regulation, India's new satellite security rules demand monitoring and lawful interception from satcom operators. On the market side, WISEKey International Holding Ltd, in collaboration with the OISTE.ORG Foundation, announced the rollout of the "Quantum Root Key," a new Root of Trust using PQC algorithms, designed to protect digital identities, communications, and systems against the disruptive power of quantum computing. Lastly, on the threat front, the Pakistan Air Force (PAF) has scored another major success by completely disabling an Indian military satellite after jamming, making it non-operational.



CYBERINFLIGHT NEWS



Take the EU Space ISAC survey!

CyberInflight, as a proud Founding member of the EU Space ISAC and Task Leader of Task 5 of the Working Group #3 "Standards and regulations", is proud to share the following survey. All institutions and industry entities whose activities are related to space and security topics are invited to answer it. #EUSpace #Survey

Link: <https://ec.europa.eu/eusurvey/runner/e27f74c1-8c32-8307-4bc5-81c5bc3a5651>



Don't miss Matthias Popoff's presentation at CYSAT 2025!

On May 15th at 14:00 on the Master Stage, Matthias Popoff, from CyberInflight, will make his presentation: "The Russian space cybersecurity ecosystem: a global overview". Don't miss this exclusive talk at CYSAT 2025, Paris (STATION F). #CYSAT2025 #Speaker

Link: https://www.linkedin.com/posts/matthiaspopoff_spacecybersecurity-cyberresilience-satellitesecurity-activity-7327616250564558848-CJC1?utm_source=share&utm_medium=member_desktop&rcm=ACoAAC6ww1MBDUN4xAUPfCv581dgYy1A-7vIm60



GEO POLITICS



Strengthening Europe's defense: the role of space technology

In an era of rapidly evolving global security challenges, Europe is increasingly awakening to the pressing need to bolster its defense capabilities. From the shadowy realm of cyber-threats to the palpable tensions of geopolitical rivalries, the continent must swiftly adapt to a new reality where traditional defense strategies are no longer sufficient.

#SpaceTech #Defense

Link: <https://www.linkedin.com/pulse/strengthening-europes-defense-role-space-technology-rfa-space-ej1ie/?trackingId=3BRzXL4b6w%2FLt3xJ%2FNA2Gg%3D%3D>



Germany moving towards more robust EU

As the EU's largest economy, Germany is increasingly becoming a driving force for European defense integration. This is reflected in the German government's commitment to strengthening the continent's collective defense capabilities.

Link: [https://www.linkedin.com/posts/germany-space-tech-activity-7327616250564558848-CJC1?utm_source=share&utm_medium=member_desktop&rcm=ACoAAC6ww1MBDUN4xAUPfCv581dgYy1A-7vIm60](#)



EU highlights growing EU-U.S. military cooperation in space operations

The EU-U.S. Summit of Leaders and Heads of Government highlighted the critical role of space technology in modern warfare. This cooperation is essential for maintaining global stability and security.

Link: [https://www.linkedin.com/posts/eu-us-summit-activity-7327616250564558848-CJC1?utm_source=share&utm_medium=member_desktop&rcm=ACoAAC6ww1MBDUN4xAUPfCv581dgYy1A-7vIm60](#)



TECHNOLOGY



NATO's tech forecast: 6 forces that will reshape global defense by 2045

The new NATO Science & Technology Trends 2025–2045 report is out — and it's clear: Tech disruption will define who leads and who lags on tomorrow's battlefield. #Disruption #TechReport

Link: https://www.linkedin.com/posts/nir-weingold-%F0%9F%87%AE%F0%9F%87%B1-2b6730a0_nato-sto-activity-7326116158456152064-sUUz?rcm=ACoAAC6ww1MBDUN4xAUPfCv581dgYy1A-7vIm60



EUU launches EUU's first 5G satellite

The European Union, the United States, and the United Kingdom have jointly launched the EUU's first 5G satellite, marking a significant milestone in global space technology.

Link: [https://www.linkedin.com/posts/euu-5g-satellite-activity-7327616250564558848-CJC1?utm_source=share&utm_medium=member_desktop&rcm=ACoAAC6ww1MBDUN4xAUPfCv581dgYy1A-7vIm60](#)



Germany's space and security cooperation with the US

Germany is strengthening its space and security cooperation with the US, focusing on satellite technology and data sharing to enhance defense capabilities.

Link: [https://www.linkedin.com/posts/germany-space-tech-activity-7327616250564558848-CJC1?utm_source=share&utm_medium=member_desktop&rcm=ACoAAC6ww1MBDUN4xAUPfCv581dgYy1A-7vIm60](#)





TECHNOLOGY

The Standard emerging technology within 2025

Standard emerging technology within 2025. This article discusses the latest trends in space technology and their potential impact on the industry. It covers topics such as satellite communication, space exploration, and the development of new space-based services.

Link: [https://www.space.com/standard-emerging-technology-within-2025](#)



Quantum computers could break the security codes used by satellites

Quantum computers could break the security codes used by satellites. This article explores the implications of quantum computing for satellite security and the need for more robust cryptographic systems.

Link: [https://www.space.com/quantum-computers-could-break-the-security-codes-used-by-satellites](#)

REGULATION

Full commercial publication of the intellectual property guidelines for full spectrum

Full commercial publication of the intellectual property guidelines for full spectrum. This article discusses the regulatory framework for intellectual property in the space industry and the challenges it presents.

Link: [https://www.space.com/full-commercial-publication-of-the-intellectual-property-guidelines-for-full-spectrum](#)



India's new satellite security rules demand monitoring and lawful interception from satcom operators

The Department of Telecommunications (DoT) says that licensed satellite communication service providers have to comply with lawful interception and monitoring requirements. This comes as part of the security instructions that the DoT has recently released for all the satcom service providers with a Global Mobile Personal Communication by Satellite (GMPCS) license. Satellite operators need to obtain this license to operate in India. Companies have to demonstrate their system capabilities with respect to security aspects, including monitoring, before they begin operations in India. **#DoT #Report**

Link: <https://www.medianama.com/2025/05/223-india-satellite-security-rules-lawful-interception-satcom-operators/>



MARKET & COMPETITION

Swisscom's advanced cybersecurity solutions for space and satellite telecommunications position it as a technology leader in key sectors including defense, smart farming and logistics

Swisscom's advanced cybersecurity solutions for space and satellite telecommunications position it as a technology leader in key sectors including defense, smart farming and logistics. This article highlights the company's expertise in providing secure communication services for critical infrastructure.

Link: [https://www.swisscom.com/en/press/swisscom-advanced-cybersecurity-solutions-for-space-and-satellite-telecommunications](#)



Swiss Space Network's partnership with Police Scotland

Swiss Space Network's partnership with Police Scotland. This article discusses the collaboration between the Swiss Space Network and the Scottish Police to enhance satellite-based law enforcement capabilities.

Link: [https://www.swisscom.com/en/press/swiss-space-network-partnership-with-police-scotland](#)



Swiss Space works third testing collaboration with Space Force & USF satellite program

Swiss Space works third testing collaboration with Space Force & USF satellite program. This article details the joint testing efforts between Swiss Space and the US Space Force to improve satellite performance and reliability.

Link: [https://www.swisscom.com/en/press/swiss-space-works-third-testing-collaboration-with-space-force-usf-satellite-program](#)



WISeKey and OISTE.ORG generate and launch a PQC root key to defend against quantum cyber-threats

WISeKey International Holding Ltd, in collaboration with the OISTE.ORG Foundation, today announced the rollout of the "Quantum Root Key," a new Root of Trust using post-quantum cryptographic (PQC) algorithms, designed to protect digital identities, communications, and systems against the disruptive power of quantum computing. **#WISeKey #Collaboration**

Link: <https://www.wisekey.com/press/wisekey-and-oiste-org-generate-and-launch-a-post-quantum-cryptography-root-key-to-defend-against-quantum-cyber-threats/>





MARKET & COMPETITION

Space Systems Command awards \$100M contract to build

Space Systems Command (SSC) has awarded a \$100 million contract to build a new space system to the U.S. Space Force and its prime contractor, Lockheed Martin.

Link: [https://www.spaceforce.mil/News/2025/04/29/ssc-awards-100-million-contract-to-build-new-space-system](#)



USF Lab Shows Key Highlights from Collaboration between Space Force, Academic and Industry

The USF Lab has shown key highlights from its collaboration between Space Force, Academic and Industry. The lab was established in 2021 under USF's Space System Acquisition and Control Program (SSAC) to explore ways to accelerate the development of space traffic management (STM) operational tools through focused research, education, and operations. The lab's work is focused on the intersection of Space Force, Academic and Industry, and includes USF's own research and development, as well as academic and industry research and development.

Link: [https://www.spaceforce.mil/News/2025/04/29/usf-lab-shows-key-highlights-from-collaboration-between-space-force-academic-and-industry](#)



THREAT INTELLIGENCE

German Space Commandery's Activities with 7 Satellite with 200 Unknown Address

Germany's space effort is aimed at actively to identify, assess, and monitor the activities of malicious actors who use and exploit capabilities to conduct space operations in order to achieve their objectives.

Link: [https://www.spaceforce.mil/News/2025/04/29/german-space-commanderys-activities-with-7-satellite-with-200-unknown-address](#)



Attack on the website of Spanish Air and Space Force

An ongoing investigation into the website of Spanish Air and Space Force.

Link: [https://www.spaceforce.mil/News/2025/04/29/attack-on-the-website-of-spanish-air-and-space-force](#)



Attack on the website of UAE Space Agency

The report highlights the website of UAE Space Agency.

Link: [https://www.spaceforce.mil/News/2025/04/29/attack-on-the-website-of-uae-space-agency](#)



Pakistan's Satellite Operations Under India's IT Act

In a recent report, Pakistan's satellite operations under India's IT Act.

Link: [https://www.spaceforce.mil/News/2025/04/29/pakistan-s-satellite-operations-under-india-s-it-act](#)



PAF achieves major success by jamming, disabling Indian military satellite

The Pakistan Air Force (PAF) has scored another major success by completely disabling an Indian military satellite after jamming, making it non-operational. #Jamming #PAF

Link: <https://english.aaj.tv/news/330415972/paf-achieves-major-success-by-jamming-disabling-indian-military-satellite>



Report on High Alert against Cyberattacks on Space, Critical Infra

The report highlights the high alert against cyberattacks on space, critical infra.

Link: [https://www.spaceforce.mil/News/2025/04/29/report-on-high-alert-against-cyberattacks-on-space-critical-infra](#)



China is preparing for a large scale cyber war to space a method to neutralize Russian within 10 hours from launch

China is preparing for a large scale cyber war to space a method to neutralize Russian within 10 hours from launch.

Link: [https://www.spaceforce.mil/News/2025/04/29/china-is-preparing-for-a-large-scale-cyber-war-to-space-a-method-to-neutralize-russian-within-10-hours-from-launch](#)





TRAINING & EDUCATION

2025-2026 Workshop on the Security of Space and Satellite Systems (November 2025, exact location to be determined) is the fourth in a series of workshops on the security of space and satellite systems. Previous workshops were held in 2018, 2019, and 2020. The workshop is a key element of the Space Security and Resilience (SSR) program. The workshop is a key element of the Space Security and Resilience (SSR) program.



Advancing Cybersecurity with AI's Quantum Leap
This panel will explore how dual-use and defense space missions are addressing growing cyber-threats, and what it takes to secure assets that serve both strategic and commercial functions.



Panel announcement - CYSAT 2025

As space becomes increasingly critical for both civilian and defense purposes, cybersecurity is no longer optional, it's mission-critical. The expert panel will explore how dual-use and defense space missions are addressing growing cyber-threats, and what it takes to secure assets that serve both strategic and commercial functions. **#CYSAT2025 #Defense**



Link: https://www.linkedin.com/posts/cysatspace_spacecybersecurity-defensetech-dualuse-activity-7326138810273046530-5YU5?utm_source=share&utm_medium=member_desktop&rcm=ACoAAC6ww1MBDUN4xAUPfCv581dgYy1A-7vIm60

*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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