SPACE CYBERSECURITY WEEKLY WATCH

W21

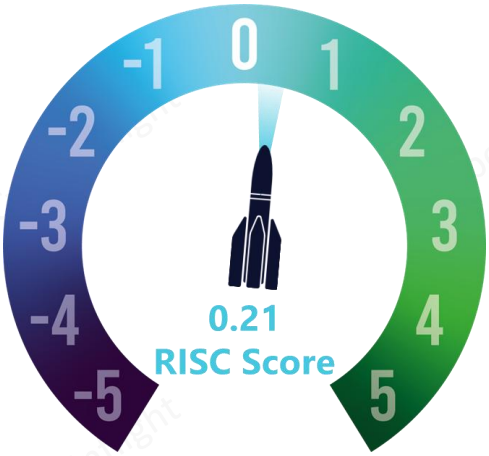
May 19 – May 25, 2026

Timeframe: Weekly
# of articles identified: 23
Est. time to read: 45 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.

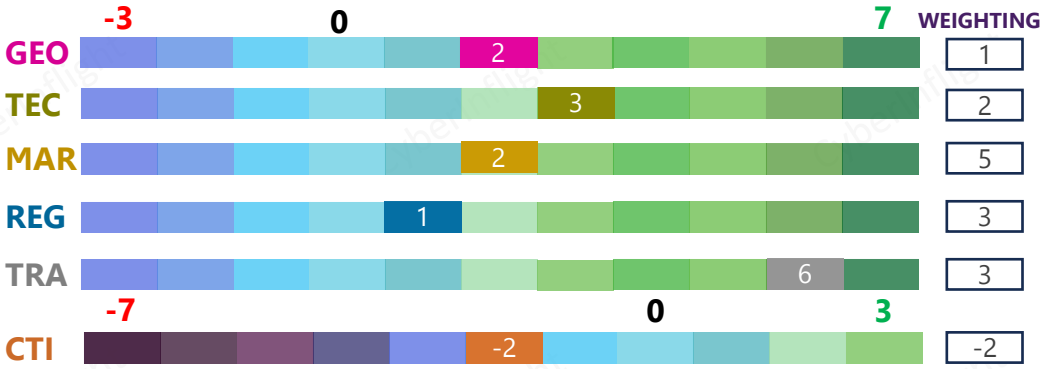
GEOPOLITICS
TECHNOLOGY
MARKET & COMPETITION
REGULATION
TRAINING & EDUCATION
THREAT INTELLIGENCE
IMPORTANT NEWS

RISC Score Assessment

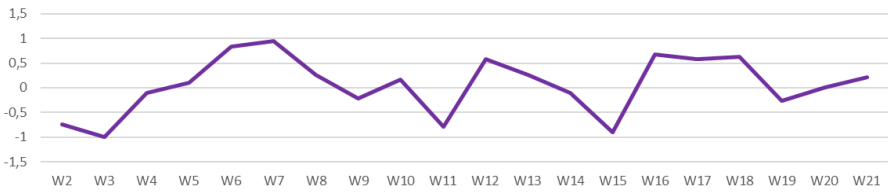


The RISC score for this watch is 0.21, up 0.21 from last week. This is due to still a small number of news outlets overall, but a good training and education climate, with several conferences and events held.

Overview & Resilience Index for Space Cybersecurity (RISC)



RISC Score evolution in 2026



This week, **CyberInflight attended CYSAT 2026 in Paris and COMET by CNES in Toulouse**! Discover some of our best insights!

On the geopolitical front, **Chinese and Russian leaders Xi Jinping and Vladimir Putin used a summit in Beijing to deepen their "good neighborliness and friendly cooperation,"** which, among other initiatives, includes plans to expand collaboration on satellite internet, AI, and cybersecurity. On the regulation side, an article highlights the **EU Space Act proposal and its implications for cybersecurity, market access, and non-EU space operators.** On the market front, **York Space Systems LLC has agreed to acquire UK satellite communications company ALL.SPACE Networks Ltd.** in a transaction that deepens York's position in military connectivity infrastructure while underscoring growing investor focus on resilient communications systems designed for contested operating environments. On the threat intel aspect, according to Integrity ISR, a U.S.-based defense and intelligence firm, **Russian assets closed in on ICEYE-36, a radar satellite operated by ICEYE that delivers reconnaissance data to U.S. and European governments** — including Ukraine, which uses the data as it defends itself against Russian aggression. On the technological side, an article by Stratosphere Lab studies how we can **maintain and guarantee the integrity of satellite and payload data against threats while operating within the extreme resource constraints of small satellites**. Lastly, on the training side, **a 2–day course at DEFCON 2026 by VisionSpace** aims to teach how to analyze and exploit satellite and ground-station systems using software only in a safe lab environment.

CYBERINFLIGHT'S NEWS

CyberInflight attended CYSAT 2026 and COMET by CNES!

CyberInflight team had the pleasure of attending this year's CYSAT conference, a key gathering for the space cybersecurity ecosystem. The week continued with the COMET Cyber session at CNES premises, dedicated to CTI, with the support of the Space ISAC. **#CyberInflight #CYSAT**

Source: LinkedIn

GEOPOLITICS

Xi and Putin pledge closer cooperation on AI, cyberspace, and satellite systems

Chinese leader Xi Jinping and Russian President Vladimir Putin used a summit in Beijing to deepen their "good neighborliness and friendly cooperation," which, among other initiatives, includes plans to expand collaboration on satellite internet, artificial intelligence, cybersecurity, and internet governance. **#Cyber #Satellite**

Source: The Record

[redacted]

[redacted]

Source: [redacted]

[redacted]

[redacted]

Sources: [redacted]

REGULATION

The EU Space Act proposal in the legislative process: Cybersecurity, market access, and implications for non-EU space operators

A new space age is looming – and the EU Commission has already made a first bold legislative move for it: the proposal of an EU Space Act aims to establish common EU rules for the safety, resilience, and sustainability of space activities and for the provision of space-based data and space services in the EU. Since the Commission proposal in June 2025, the Parliament rapporteur's draft and the Council Presidency's compromise text of March 2026 have revealed material divergences on key issues, including cybersecurity requirements, market access, and third-country operators. This article summarizes the key differences between the emerging institutional approaches and explains what they may mean for space operators active in the EU market. **#EUSpaceAct #Cybersecurity**

Source: JDSupra

MARKET & COMPETITION

[redacted]

[redacted]

Source: [redacted]

[redacted]

[redacted]

Source: [redacted]

MARKET & COMPETITION

York Space Systems to acquire ALL.SPACE in defense communications expansion

York Space Systems LLC has agreed to acquire satellite communications company ALL.SPACE Networks Ltd. in a transaction that deepens York's position in military connectivity infrastructure while underscoring growing investor focus on resilient communications systems designed for contested operating environments. The deal, announced alongside ALL.SPACE financier Rochefort Asset Management LLC, comes as defense agencies and contractors accelerate investment in multi-orbit satellite connectivity capable of maintaining communications across increasingly complex battlefield and intelligence operations. **#YorkSpaceSystems #All.Space**

Source: Citybiz

THREAT INTELLIGENCE

[redacted]

[redacted]

[redacted]

Commercial satellite supplying intel to Ukraine is cornered by 4 Russian spacecraft — US Space Force can only watch as Russia threatens 'quasi-civilian' targets

Open-source orbital tracking data revealed that 4 Russian satellites have expended considerable fuel to approach an American-Finnish satellite. According to Integrity ISR, a U.S.-based defense and intelligence firm, Russian assets closed in on ICEYE-36, a radar satellite operated by ICEYE that delivers reconnaissance data to U.S. and European governments — including Ukraine, which uses the data as it defends itself against Russian aggression. **#ICEYE #Russia**

Source: tom's Hardware

[redacted]

[redacted]

[redacted]

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TECHNOLOGY

[redacted]

[redacted]

TECHNOLOGY

Security of an in-orbit satellite: Detection of compromise through integrity

When malware runs on a satellite in orbit, there are minimal mechanisms to protect satellite data or provide visibility to mission control. This is especially critical for low-cost, open-hardware satellites that lack sophisticated security features. Traditional security approaches either consume excessive resources on small satellite platforms or require hardware that adds weight, cost, and complexity to missions. The question we set out to answer: How can we maintain and guarantee the integrity of satellite and payload data against threats while operating within the extreme resource constraints of small satellites? **#StratosphereLab #In-orbitDetection**

Source: Stratosphere Lab

[redacted]

[redacted]

TRAINING & EDUCATION

[redacted]

[redacted]

[redacted]

VS: S-RAD (Satellite-Radio Analysis & Disruption) - Andrzej Olchawa, Ricardo Fradique & André Cirne- DCTLV2026

As space systems become increasingly critical to communications, navigation, and national infrastructure, understanding their unique protocols, RF characteristics, and operational dependencies is vital for identifying risks before adversaries do. This 2-day course will teach you how to analyze and exploit satellite and ground station systems using software only in a safe lab environment. We will go over satellite architecture and common link protocols, as well as SDR fundamentals. The hands-on labs cover protocol analysis and exploitation, simulated attacks, and how they can be combined with more traditional vulnerabilities to compromise space missions. By the end of the course, participants will be able to demonstrate a complete, nondestructive red-team chain of compromise in a controlled environment and produce actionable remediation and detection recommendations. **#VisionSpace #Defcon**

Source: Defcon

TRAINING & EDUCATION

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