



# SPACE CYBERSECURITY WEEKLY WATCH

Week 25

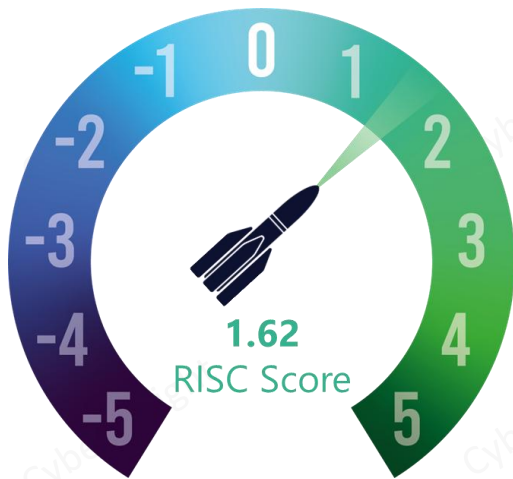
June 17 - 23, 2025

Timeframe: Weekly  
# of articles identified: 42  
Est. time to read: 90 minutes

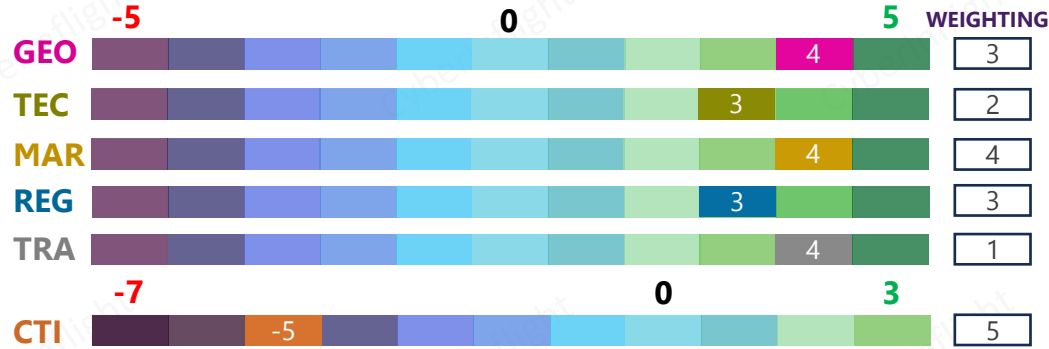
Articles, company's communications, whitepapers, academic works, podcast, and sources not to be missed on the topic of space cybersecurity over a specified timeframe.

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

## RISC Score Assessment

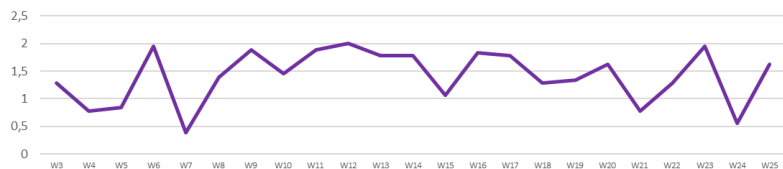


## Overview & Resilience Index for Space Cybersecurity (RISC)



↑ The RISC score for this watch is 1.62, a significant increase from last week. This difference is due to a very dynamic market climate, and positive geopolitics news.

## RISC Score evolution in 2025



This week, on the sidelines of the Paris Air Show, the French Ministry of Defence unveiled the acceleration of a strategic shift: space is no longer a prospective domain. It is now a zone of confrontation, with its own front lines, rules of confrontation, and response tools. The French Air Force is now equipped to act in orbit, in the face of attacks that have become tangible. Regarding regulations, the International Air Transport Association (IATA) and the European Union Aviation Safety Agency (EASA) have published a comprehensive plan to mitigate the risks stemming from global navigation satellite system (GNSS) interference. The plan was part of the conclusions of a jointly-hosted workshop on GNSS interference. On the technological front, India has taken a significant step toward secure quantum communication by demonstrating entanglement-based quantum key distribution over a free-space link spanning more than one kilometer. Furthermore, this week, under a new three-year contract, the UK Ministry of Defence (MOD) has chosen the company Leonardo to manage 'red team and cyber adversary simulation' operations across UK Armed Forces bases and networks. The new service will ensure that the UK Armed Forces are as well defended and resilient as possible. Regarding threats, Viasat Inc. has been identified as a victim of the Chinese-linked Salt Typhoon cyberespionage operation during last year's presidential campaign. The breach at the satellite communications firm was discovered earlier this year, and Viasat has been working with the government in the aftermath. Lastly, an interview with Philippe Adam, General of the French Space Command, is out! Discover it.



## GEOPOLITICS



### Se défendre dans l'espace : l'armée française passe à l'action dans la 3<sup>e</sup> dimension (Trad: Defending ourselves in space: the French army takes action in the 3rd dimension)

On June 20, 2025, on the sidelines of the Paris Air Show, the French Ministry of Defence unveiled the acceleration of a strategic shift: space is no longer a prospective domain. It is now a zone of direct confrontation, with its own front lines, rules of confrontation and response tools. The French Air Force is now equipped to act in orbit, in the face of attacks that have become tangible. #France #DoD



**Link:** <https://armees.com/espace-satellites-cyberattaques-armees-dissuasion/>

### Great power conflict could lead to increased cyberattacks against the U.S.

As cyberattacks continue to rise and the global space environment becomes more contested, the possibility of a great power conflict could lead to increased cyberattacks against the U.S.



**Link:** <https://www.fortify.com/blog/great-power-conflict-cyberattacks>

### New satellite design to combat geopolitical threats

A series of satellite design changes and new launch vehicles could cut the manufacturing number of days in the U.S. for the next 10 years, making the U.S. more resilient to geopolitical threats.

**Link:** <https://www.nasa.gov/press/20250618/nasa-announces-new-satellite-design-changes>

### Western space forces must benefit from 'open power' again

Western space forces must benefit from 'open power' again. The U.S. must lead by example in the space domain, and the U.S. must lead by example in the space domain.



**Link:** <https://www.defence.gov/press-releases/20250618>

## REGULATION



### EASA and IATA publish comprehensive plan to mitigate the risks of GNSS interference

The International Air Transport Association (IATA) and the European Union Aviation Safety Agency (EASA) have published a comprehensive plan to mitigate the risks stemming from global navigation satellite system (GNSS) interference. The plan was part of the conclusions of a jointly-hosted workshop on the topic of GNSS interference. #GNSS #Plan

**Link:** <https://www.iata.org/en/pressroom/2025-releases/2025-06-18-01/>

### A guide to national security space trends in the U.S.

This guide provides a comprehensive overview of national security space trends in the U.S. It covers the latest developments in space policy, technology, and operations, and provides a clear and concise summary of the key issues.

**Link:** <https://www.fortify.com/blog/national-security-space-trends>

### Supply chain evolution from 5G to transforming space industry cybersecurity

The 5G network is a key enabler for the space industry, and its evolution is critical to the industry's growth. This article explores the challenges and opportunities associated with the evolution of the 5G network, and provides a clear and concise summary of the key issues.

**Link:** <https://www.fortify.com/blog/supply-chain-evolution>

## TECHNOLOGY



### India takes significant step in quantum communication with one-kilometer entanglement test

India has taken a major step toward secure quantum communication by demonstrating entanglement-based quantum key distribution over a free-space link spanning more than one kilometer, according to a statement from the country's Ministry of Defense. #QKD #India



**Link:** <https://thequantuminsider.com/2025/06/20/india-takes-significant-step-in-quantum-communication-with-one-kilometer-entanglement-test/>





# TECHNOLOGY

## SpaceX announces the rollout of Starlink's new system for the Global Navigation Satellite System

SpaceX has announced the rollout of its new Starlink system for the Global Navigation Satellite System (GNSS). The system is designed to provide high-precision positioning, navigation, and timing services to users worldwide. The system is based on a new constellation of satellites and ground stations, and is expected to be operational by late 2025.



## ESA announces the launch of the first mission of the Earth Explorer program

The European Space Agency (ESA) has announced the launch of the first mission of the Earth Explorer program. The mission is designed to study the Earth's climate and environment, and is expected to provide valuable data for scientists and policymakers.



ESA is announcing plans to launch a series of Earth Explorer missions, which are designed to provide high-resolution data on the Earth's climate and environment. The missions are part of a larger program to study the Earth's system, and are expected to provide valuable data for scientists and policymakers.

## ESA announces the launch of the first mission of the Earth Explorer program

## ESA announces the launch of the first mission of the Earth Explorer program

ESA has announced the launch of the first mission of the Earth Explorer program. The mission is designed to study the Earth's climate and environment, and is expected to provide valuable data for scientists and policymakers.



## ESA announces the launch of the first mission of the Earth Explorer program

# MARKET & COMPETITION

## SpaceX announces the launch of the first mission of the Earth Explorer program

SpaceX has announced the launch of the first mission of the Earth Explorer program. The mission is designed to study the Earth's climate and environment, and is expected to provide valuable data for scientists and policymakers.



## SpaceX announces the launch of the first mission of the Earth Explorer program

## ESA announces the launch of the first mission of the Earth Explorer program

ESA has announced the launch of the first mission of the Earth Explorer program. The mission is designed to study the Earth's climate and environment, and is expected to provide valuable data for scientists and policymakers.



## ESA announces the launch of the first mission of the Earth Explorer program

## ESA announces the launch of the first mission of the Earth Explorer program

ESA has announced the launch of the first mission of the Earth Explorer program. The mission is designed to study the Earth's climate and environment, and is expected to provide valuable data for scientists and policymakers.



## ESA announces the launch of the first mission of the Earth Explorer program

## ESA announces the launch of the first mission of the Earth Explorer program

ESA has announced the launch of the first mission of the Earth Explorer program. The mission is designed to study the Earth's climate and environment, and is expected to provide valuable data for scientists and policymakers.



## ESA announces the launch of the first mission of the Earth Explorer program

ESA has announced the launch of the first mission of the Earth Explorer program. The mission is designed to study the Earth's climate and environment, and is expected to provide valuable data for scientists and policymakers.



## ESA announces the launch of the first mission of the Earth Explorer program

ESA has announced the launch of the first mission of the Earth Explorer program. The mission is designed to study the Earth's climate and environment, and is expected to provide valuable data for scientists and policymakers.



## ESA announces the launch of the first mission of the Earth Explorer program









# THREAT INTELLIGENCE

## Space agencies warn satellite operators to stop jamming

Space agencies warn satellite operators to stop jamming. The agencies warn that the jamming is a serious threat to the safety of space operations and that operators should be held accountable for the damage caused by the jamming. The agencies also warn that the jamming is a growing threat to the safety of space operations and that operators should be held accountable for the damage caused by the jamming.

Read more here

[https://www.cyberinflight.com/news/space-agencies-warn-satellite-operators-to-stop-jamming](#)

## Iran's space agency accuses US of jamming satellite signals

Iran's space agency accuses US of jamming satellite signals. The agency says that the US is using jamming to disrupt Iran's satellite communications and that this is a violation of international law. The agency also says that the US is using jamming to target Iran's satellite infrastructure and that this is a serious threat to the safety of space operations.

Read more here

[https://www.cyberinflight.com/news/iran-space-agency-accuses-us-of-jamming-satellite-signals](#)

## ★ GPS jamming falsely placed VLCC front eagle in Iran prior to collision

While transiting from Iraq through the Arabian Gulf and the Strait of Hormuz, the Front Eagle experienced sustained electronic navigation interference. Persistent GPS and AIS jamming that preceded the tanker's collision signals a new and growing maritime security threat in the region. #Jamming #Threat

[Link: https://windward.ai/blog/gps-jamming-falsely-placed-front-eagle-in-iran-prior-to-collision/](https://windward.ai/blog/gps-jamming-falsely-placed-front-eagle-in-iran-prior-to-collision/)

## Supposed jamming disrupts French Air Force satellite

The satellite of the French Air Force was disrupted by jamming. The satellite was used for communication and navigation and the jamming caused it to lose contact with the ground station. The French Air Force is investigating the cause of the jamming and has issued a warning to other satellite operators in the region.

Read more here

[https://www.cyberinflight.com/news/supposed-jamming-disrupts-french-air-force-satellite](#)

## Chinese signal jammer disrupted over US, American public and fleet responder down

The Department of Homeland Security (DHS) has issued a warning about a range of Chinese-made signal jammers being smuggled into the United States. The jammers are used to disrupt satellite communications and are a serious threat to the safety of space operations. The DHS has issued a warning to other satellite operators in the region and has also issued a warning to the public about the dangers of these jammers.

Read more here

[https://www.cyberinflight.com/news/chinese-signal-jammer-disrupted-over-us-american-public-and-fleet-responder-down](#)

## Multiple jam on the progress GPS jamming in the Arabian Gulf and Strait of Hormuz disrupts GPS

Multiple jam on the progress GPS jamming in the Arabian Gulf and Strait of Hormuz disrupts GPS. The jamming is a serious threat to the safety of space operations and is causing significant disruption to satellite communications. The jamming is also causing significant disruption to maritime navigation and is a growing threat to the safety of maritime operations.

Read more here

[https://www.cyberinflight.com/news/multiple-jam-on-the-progress-gps-jamming-in-the-arabian-gulf-and-strait-of-hormuz-disrupts-gps](#)

## Warning of GPS interference in the Baltic Sea

Warning of GPS interference in the Baltic Sea. The warning is a serious threat to the safety of space operations and is causing significant disruption to satellite communications. The warning is also causing significant disruption to maritime navigation and is a growing threat to the safety of maritime operations.

Read more here

[https://www.cyberinflight.com/news/warning-of-gps-interference-in-the-baltic-sea](#)

## Using Russian satellite and GPS data by GPS jamming

Using Russian satellite and GPS data by GPS jamming. The jamming is a serious threat to the safety of space operations and is causing significant disruption to satellite communications. The jamming is also causing significant disruption to maritime navigation and is a growing threat to the safety of maritime operations.

Read more here

[https://www.cyberinflight.com/news/using-russian-satellite-and-gps-data-by-gps-jamming](#)



# THREAT INTELLIGENCE

## Artificial intelligence used 80% more in past year to spy on satellites

Artificial intelligence (AI) is being used to spy on satellites, according to a report from the Center for Strategic and International Studies (CSIS). The report, titled 'AI in Space: A New Frontier for Cybersecurity', highlights the growing use of AI in satellite intelligence gathering, particularly in the area of satellite imagery.

**Link:** [https://www.csis.org/analysis/artificial-intelligence-used-80-more-past-year-spy-satellites](#)



# TRAINING & EDUCATION

European Space Agency (ESA) is first space featuring cybersecurity training module within ESA's cybersecurity experts.

The European Space Agency (ESA) is first space featuring cybersecurity training module within ESA's cybersecurity experts.

**Link:** [https://www.esa.int/ESA/Space/Space\\_Security/ESA\\_is\\_first\\_space\\_agency\\_to\\_offer\\_cybersecurity\\_training\\_module\\_within\\_its\\_cybersecurity\\_experts](#)



What Space Security can learn from the 2017 Russian satellite interception in space

The 2017 Russian satellite interception in space was a significant event that highlighted the growing threat of satellite interception in space. This report examines the technical details of the interception, the implications for space security, and the challenges of detecting and identifying such threats.

**Link:** [https://www.esa.int/ESA/Space/Space\\_Security/What\\_Space\\_Security\\_can\\_learn\\_from\\_the\\_2017\\_Russian\\_satellite\\_interception\\_in\\_space](#)



Protecting the satellites of space users from jamming is a key challenge that satellite hosting the world's most advanced satellite users.

The growing threat of satellite jamming is a key challenge that satellite hosting the world's most advanced satellite users. This report discusses the technical aspects of jamming, the impact on space users, and the challenges of detecting and identifying such threats.

**Link:** [https://www.esa.int/ESA/Space/Space\\_Security/Protecting\\_the\\_satellites\\_of\\_space\\_users\\_from\\_jamming\\_is\\_a\\_key\\_challenge\\_that\\_satellite\\_hosting\\_the\\_world\\_s\\_most\\_advanced\\_satellite\\_users](#)

Review strengthening collaboration between the Space 400, 500, and 600

The review examines the collaboration between the Space 400, 500, and 600, highlighting the challenges of managing a large number of satellites in space and the need for improved coordination and communication.

**Link:** [https://www.esa.int/ESA/Space/Space\\_Security/Review\\_strengthening\\_collaboration\\_between\\_the\\_Space\\_400\\_500\\_and\\_600](#)



Securing space tools: Why we need to address cyber risks in orbit

Securing space tools is a key challenge that satellite hosting the world's most advanced satellite users. This report discusses the technical aspects of securing space tools, the impact on space users, and the challenges of detecting and identifying such threats.

**Link:** [https://www.esa.int/ESA/Space/Space\\_Security/Securing\\_space\\_tools\\_Why\\_we\\_need\\_to\\_address\\_cyber\\_risks\\_in\\_orbit](#)



## La guerre dans l'espace a-t-elle déjà commencé ? (Trad: Has the war in space already begun?)

What China or Russia are up to in space, the weapons likely to be used, the New Space, the importance of Elon Musk's Starlink, what GPS jammers make possible and cyber attacks: this conversation with Philippe Adam, General of the French Space Commands, covers a wide range of topics. #Video #SpaceWar

**Link:** <https://www.youtube.com/watch?v=Ge-PL5Dah1g>



ESA's cybersecurity experts are working to develop a satellite to detect communications

ESA's cybersecurity experts are working to develop a satellite to detect communications. This report discusses the technical aspects of the satellite, the impact on space users, and the challenges of detecting and identifying such threats.

**Link:** [https://www.esa.int/ESA/Space/Space\\_Security/ESA\\_s\\_cybersecurity\\_experts\\_are\\_working\\_to\\_develop\\_a\\_satellite\\_to\\_detect\\_communications](#)





# TRAINING & EDUCATION

Space Cybersecurity Watch is a weekly publication of OSINT & OSINT  
The content of this report is for informational purposes only and is not intended to be used for any other purpose. The content of this report is for informational purposes only and is not intended to be used for any other purpose. The content of this report is for informational purposes only and is not intended to be used for any other purpose.



Space Cybersecurity Watch is a weekly publication of OSINT & OSINT  
The content of this report is for informational purposes only and is not intended to be used for any other purpose. The content of this report is for informational purposes only and is not intended to be used for any other purpose. The content of this report is for informational purposes only and is not intended to be used for any other purpose.



*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](mailto:research@cyberinflight.com)