



# SPACE CYBERSECURITY WEEKLY WATCH

Week 27  
July 1 - 7, 2025

Timeframe: Weekly  
# of articles identified: 29  
Est. time to read: 60 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.

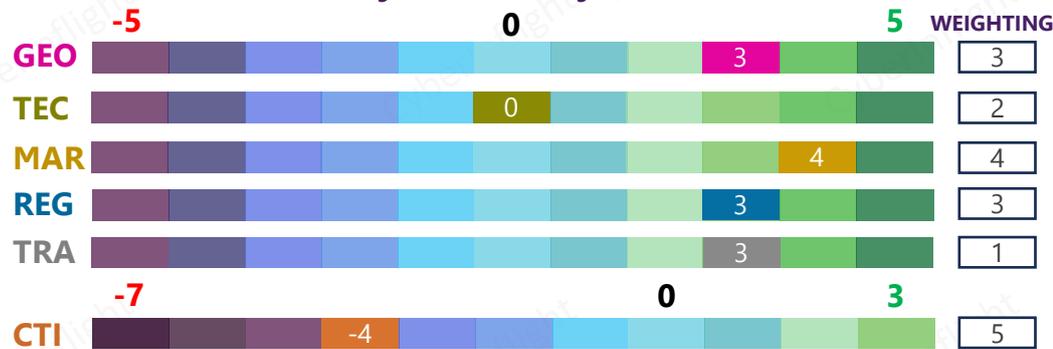
- **GEOPOLITICS**
- **TECHNOLOGY**
- **MARKET & COMPETITION**
- **REGULATION**
- **TRAINING & EDUCATION**
- **THREAT INTELLIGENCE**
- ★ **IMPORTANT NEWS**

## RISC Score Assessment



↓ The RISC score for this watch is 1,50, a decrease from last week. This difference is due to a balance between good market news and an absence of technology news, with several threat intelligence news.

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



## RISC Score evolution in 2025



This week, the presidency of the Council of the European Union transitioned to the Danish Presidency. This new presidency is tasked with implementing several priorities, including the recently announced EU Space Act at the end of June. Europe continues to advance its regulatory framework by preparing new legislation. Specifically, the European Commission is developing a Quantum Act to enhance the growth of quantum technologies. Scheduled for 2026, this Quantum Act follows the release of the Quantum Strategy, which aims to position Europe as a leader in quantum technology by 2030. The Quantum Strategy includes the launch of the Quantum Europe Research and Innovation Initiative, a collaborative effort between the EU and its Member States to support fundamental research. This initiative plans to invest up to €50 million in public funding to convert scientific prototypes into market-ready products. Regarding threat intelligence news, Space ISAC has issued a 'level 3: high' threat alert for the space industry. Space ISAC reports that the space threat landscape remains active, marked by disruptive cyber activities and electronic warfare. Geopolitical conflicts in the Middle East further intensify these challenges. Reports from government agencies and commercial firms corroborate this view and caution that low-level attacks could soon escalate into more sophisticated threats. Additionally, the increasing frequency and impact of GNSS interference, jamming, and spoofing continue to raise concerns for satellite operators, indicating a robust threat environment. Lastly, students at Embry-Riddle Aeronautical University's Daytona Beach and Prescott campuses are preparing for future careers by participating in competitions and workshops organized with NASA around space cybersecurity.



# GEOPOLITICS



## A strong Europe in a changing world

From enhancing European Union's security to strengthening its competitiveness and advancing the green transformation, EU Space will play a key role in supporting the priorities set by the Danish Presidency of the Council of the European Union. #EUSpace #SpaceStrategy



**Link:** <https://www.euspa.europa.eu/newsroom-events/news/strong-europe-changing-world>

### Special: Changes in EU & its cyber resilience (Final Space Europe's cybersecurity challenge)

In a context of increasing cyber threats, resilience and cybersecurity are generally all considered to be essential for ensuring the continuity of critical infrastructure, maintaining economic stability and competitiveness, and ensuring the resilience of the digital ecosystem.



**Link:** [https://www.euspa.europa.eu/newsroom-events/news/changes-in-eu-cyber-resilience](#)

### A plan for EU satellite calling Taiwan's satellite communication

The European Space Agency (ESA) has announced a plan to support the Taiwanese government in satellite communication services to Taiwan.



**Link:** [https://www.esa.int/Enabling\\_Support/Space\\_Education/ESA\\_supports\\_Taiwan\\_satellite\\_communications](#)

### Cyber security linked to defense and defense satellite during of hardware data

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# REGULATION

## Strengthening the legislative legal strategies for cyber resilience in the defense sector

The European Commission is preparing a Quantum Act to boost the development of quantum technologies, although not in the same way as the EU CHIPS Act for semiconductors. The Act is being prepared for 2026 and follows the publication of the Quantum Strategy to make Europe a leader in the technology by 2030. This will see six pilot lines and a Quantum design centre. #EU #QuantumAct



**Link:** [https://www.eenewseurope.com/en/europe-prepares-its-quantum-act/](#)



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**Link:** <https://www.eenewseurope.com/en/europe-prepares-its-quantum-act/>

# MARKET & COMPETITION

## Space Force launching an acquisition of GPS alternatives in low earth orbit

The Space Force is launching an acquisition of GPS alternatives in low earth orbit. The program will be a key component of the Space Force's strategy to ensure the resilience of the GPS system and to provide a backup in the event of a GPS outage.



**Link:** [https://www.esa.int/Enabling\\_Support/Space\\_Education/ESA\\_supports\\_Taiwan\\_satellite\\_communications](#)

## EU and Canada's quantum leap for European cybersecurity leadership

Canada and the European Union have announced a joint initiative to support the development of quantum technologies. The initiative will focus on research and development in quantum computing and quantum cryptography.



**Link:** [https://www.esa.int/Enabling\\_Support/Space\\_Education/ESA\\_supports\\_Taiwan\\_satellite\\_communications](#)

## Space Space Systems for Launching GPS PNT satellite

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**Link:** [https://www.esa.int/Enabling\\_Support/Space\\_Education/ESA\\_supports\\_Taiwan\\_satellite\\_communications](#)



# MARKET & COMPETITION

## Turkey's proposed 2025 satellite plan

Turkey is set to launch the 2025 satellite plan, which includes the launch of the first satellite in the country's satellite constellation. The plan also includes the launch of the first satellite in the country's satellite constellation. The plan also includes the launch of the first satellite in the country's satellite constellation.



[https://www.cyberinflight.com/news/turkeys-proposed-2025-satellite-plan](#)

## France sets up defense and homeland security unit to support sovereignty

France is strengthening its cybersecurity and sovereignty with a new defense unit. The unit will focus on defense and homeland security. The unit will focus on defense and homeland security.



[https://www.cyberinflight.com/news/france-sets-up-defense-and-homeland-security-unit-to-support-sovereignty](#)

## Continuing space economy a top priority for Trump's 2025 plan

The return of the space economy is a top priority for Trump's 2025 plan. The plan will focus on the space economy and the return of the space economy.



[https://www.cyberinflight.com/news/continuing-space-economy-a-top-priority-for-trumps-2025-plan](#)

## 2025 increases capabilities of 10th Air Force's Strategic Air and Reliability Intelligence Defense Center

The 10th Air Force is increasing its capabilities with a new Strategic Air and Reliability Intelligence Defense Center. The center will focus on strategic air and reliability intelligence.



[https://www.cyberinflight.com/news/2025-increases-capabilities-of-10th-air-force-s-strategic-air-and-reliability-intelligence-defense-center](#)

## 2025 focus on space capabilities program, skills to meet flexible strategy

The 2025 focus on space capabilities program is designed to meet a flexible strategy. The program will focus on space capabilities and flexible strategy.



[https://www.cyberinflight.com/news/2025-focus-on-space-capabilities-program-skills-to-meet-flexible-strategy](#)

## Spain Wins \$1.8 Billion New Space Force M212M Contract

Spain has won a \$1.8 billion contract for the M212M satellite. The contract will focus on the M212M satellite and space force.



[https://www.cyberinflight.com/news/spain-wins-18-billion-new-space-force-m212m-contract](#)

## ★ EU Quantum Strategy to shield critical sectors, advance chips pilot lines with €50 million investment

The Quantum Strategy includes launching the Quantum Europe Research and Innovation Initiative, a joint EU and Member States' effort to support foundational research and develop applications in key public and industrial sectors. It also establishes a quantum design facility and six quantum chips pilot lines, backed by up to €50 million in public funding, to transform scientific prototypes into manufacturable products. #Investment #Quantum



**Link:** <https://industrialcyber.co/critical-infrastructure/eu-quantum-strategy-to-shield-critical-sectors-advance-chips-pilot-lines-with-e50-million-investment/>

## France Wins Space and Quantum Partners to Develop Quantum Communication Link

France has won a contract for a quantum communication link. The link will focus on quantum communication and space partners.



[https://www.cyberinflight.com/news/france-wins-space-and-quantum-partners-to-develop-quantum-communication-link](#)

## Poland signs contract for satellite system program

Poland has signed a contract for a satellite system program. The program will focus on satellite systems and Poland.



[https://www.cyberinflight.com/news/poland-signs-contract-for-satellite-system-program](#)



# THREAT INTELLIGENCE

## Space weather especially harmful to sophisticated spacecraft

In what appears to be the first of its kind, sophisticated spacecraft on high-altitude orbits are being advised to take the threat level seriously. Recently, the United States Space Force has issued a new threat level to all government-owned satellites in orbit around Earth, warning of a potential for a 'catastrophic' event. [Space Weather](#)



## ISS: Space weather forecasting service to be used to protect satellite operations

## Space weather: A long time into space weather is there

In 2012, amidst the ongoing space weather conflict, one of the major satellite operators in the world, the United States, announced a new strategy to protect its satellites without notice and without warning. The plan involved the possibility of 'rolling back' the threat level to a 'high' level, which would mean that the satellites would be in a state of 'high' threat. [Space Weather](#)



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### ★ Space ISAC issues 'level 3: high' threat alert for space industry

The threat level risk to the satellite industry remains high. This is the key takeaway from a new threat level assessment from the Space Information Sharing and Analysis Center (Space ISAC), which looks to raise awareness of the space industry, government, and international partner perspectives on the current threat level. Space ISAC made an update in its threat level assessment via a TLP: CLEAR public release, July 2. The threat level is at Level 3 which is classed as 'high'. [Space ISAC](#) [EW](#)



**Link:** <https://www.satellitetoday.com/cybersecurity/2025/07/02/space-isac-issues-level-3-high-threat-alert-for-space-industry/>

## Why satellite jamming is the new frontier in global conflict

Satellite jamming is no longer a niche tactic. It's a critical element of modern warfare, and as technology advances, the threat level is rising. [Space Weather](#)

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# TRAINING & EDUCATION

### ★ Workshop, competitions strengthen Embry-Riddle cybersecurity expertise

For critical domains like aviation and space, the rising complexity of cyber threats is an ever-present concern. Students at Embry-Riddle Aeronautical University's Daytona Beach and Prescott campuses are preparing for this future by participating in competitions and workshops that equip them for careers on the front lines of cybersecurity. [EmbryRiddle](#) [Course](#)

**Link:** <https://news.erau.edu/headlines/workshop-competitions-strengthen-embry-riddle-cybersecurity-expertise>

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# TRAINING & EDUCATION

**Space-Based Cybersecurity: A New Frontier in Space Operations**  
This report explores the challenges of securing space-based systems and the role of space-based cybersecurity.

The increasing reliance on space-based systems for critical services, such as navigation, communication, and intelligence, has led to a growing concern for the security of these systems. This report examines the current state of space-based cybersecurity and the challenges of securing these systems.



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*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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