

# SPACE CYBERSECURITY WEEKLY WATCH

Week 28  
July 08 - 15, 2025

Timeframe: Weekly  
# of articles identified: 32  
Est. time to read: 75 minutes

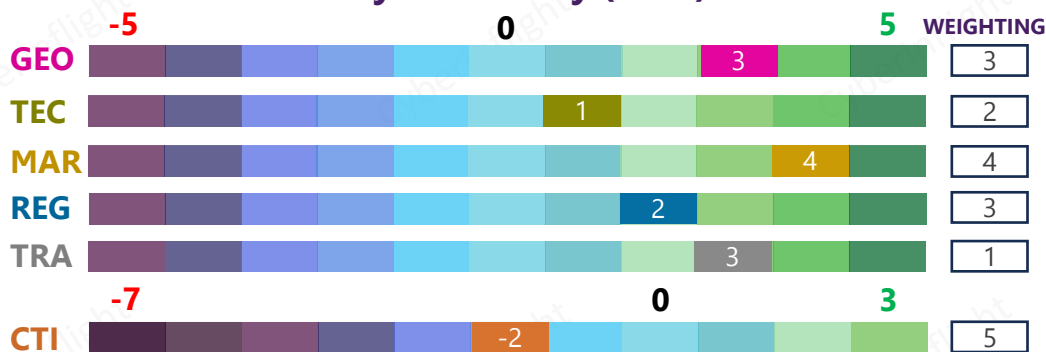
Articles, company's communications, whitepapers, academic works, podcast, and sources not to be missed on the topic of space cybersecurity over a specified timeframe.

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

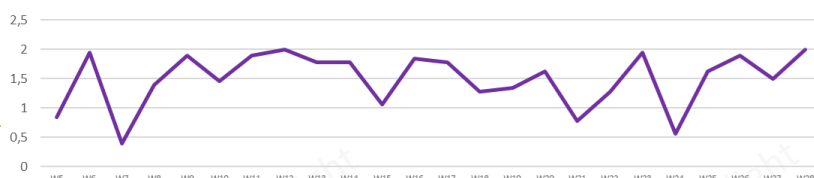
## RISC Score Assessment



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



## RISC Score evolution in 2025



↑ The RISC score for this watch is 2, an increase from last week. This difference is due to an improvement on the threat intel front, as well as a lot of geopolitical and market news.

On November 27, 2025, CyberInflight will participate in the panel "How can we implement scalable cybersecurity for both traditional space programs and New Space initiatives?" during the CBC convention. This week, France announced an acceleration of its defense budget, aiming to reach €64bn by 2027, three years ahead of schedule, as confirmed by President Emmanuel Macron ahead of Bastille Day. In parallel, the European Union is currently working on an EU Space Act that would give regulators unprecedented authority over satellite operators to ensure compliance with safety, cybersecurity, and environmental standards. Discussions among member states are still in progress. On the market front, ESA and Leonardo have launched a joint initiative to use artificial intelligence to detect and mitigate jamming and spoofing. This project, part of ESA's NAVISP program, aims to significantly strengthen the resilience of Global Navigation Satellite Systems by enabling antennas to identify and neutralize threats more effectively. Although there were few threat intel news this week, a sharp rise in spoofing attacks linked to conflict zones is disrupting critical systems globally. Experts report a 500% increase in such incidents over the past year, affecting GPS-reliant infrastructure and signaling a growing trend. On the technology side, the USSF is developing "Swarm," a digital training environment designed to connect various units for large-scale simulations in a secure and realistic virtual setting. Lastly, in the UK, a joint research project involving Swansea University, Airbus Endeavour Wales, Novel Engineering Consultants, and the Welsh Government is exploring how model-based systems engineering can be applied from the design phase to improve cybersecurity in aerospace systems.

## CYBERINFLIGHT'S NEWS



### CyberInflight to take part in the next CBC

Florent Rizzo, CEO of CyberInflight, will take part in a panel discussion on November 27th addressing the question: "How can we implement scalable cybersecurity for both traditional space programs and New Space initiatives?" He will be joined by Anna Barraqu , Head of France & ARCA SATLINK Team Lead at CYSEC; Julien Airaud, Senior Space Cybersecurity Expert at CNES; St phane Descous, Group Product Security Officer at Thales; and Yohann Bauzil, Chief Security & Information Officer at Look Up. **#CBC #Conference**

**Link:** <https://www.linkedin.com/feed/update/urn:li:activity:7349377288968323072/>



## GEOPOLITICS

### Classification remains barrier to full space information sharing with allies

According to the 2025 NATO Security Office study, classification remains a barrier to full space information sharing with allies. **#CyberInflight**

**Link:** <https://www.cyberinflight.com/news/2025/07/14/classification-remains-barrier-to-full-space-information-sharing-with-allies/>



### US and France announce collaborative efforts on a resilient PNT

US and France announced collaborative efforts on a resilient PNT (Positioning, Navigation, and Timing) system. The two nations will work together to develop a resilient PNT system that can withstand cyber threats and ensure accurate positioning, navigation, and timing information for critical infrastructure and military operations. **#CyberInflight**

**Link:** <https://www.cyberinflight.com/news/2025/07/14/us-and-france-announce-collaborative-efforts-on-a-resilient-pnt/>



### France to quicken defense-spending boost in bid to be 'feared'

France will accelerate a hike in defense spending to reach  64bn (\$75bn) in 2027, three years earlier than planned, President Emmanuel Macron told troops and military brass ahead of Bastille Day celebrations on July 14. **#Defense #Spending**

**Link:** <https://www.defensenews.com/global/europe/2025/07/14/france-to-quicken-defense-spending-boost-in-bid-to-be-feared/>



### Space Force is training for 'critical warfare' in its largest exercise yet

The US Space Force is currently training for its largest exercise ever, which will involve a complex, multi-domain campaign to disrupt and destroy critical infrastructure and military operations. The exercise will focus on the use of space-based capabilities to support ground, air, and sea forces. **#CyberInflight**

**Link:** <https://www.cyberinflight.com/news/2025/07/14/space-force-is-training-for-critical-warfare-in-its-largest-exercise-yet/>



## REGULATION

### Space operators face strict cybersecurity obligations under EU plan

The European Union has adopted a new plan to strengthen cybersecurity for space infrastructure. The plan requires space operators to implement strict cybersecurity measures to protect their systems and data from cyber threats. **#CyberInflight**

**Link:** <https://www.cyberinflight.com/news/2025/07/14/space-operators-face-strict-cybersecurity-obligations-under-eu-plan/>



### France national strategy 2025 / First National strategy meeting 2025

France has adopted its first National strategy for 2025. The strategy focuses on cybersecurity, space, and other key areas. The meeting will discuss the strategy and its implementation. **#CyberInflight**

**Link:** <https://www.cyberinflight.com/news/2025/07/14/france-national-strategy-2025-first-national-strategy-meeting-2025/>



### Europe's Space Act shows it's getting serious about space policy

Plans to overhaul European space regulation would come with unprecedented enforcement power over domestic and foreign satellite operators, including on-site inspections and steep fines to uphold safety, cybersecurity and sustainability standards. **#EUSpaceAct #EuropeanCommission**

**Link:** <https://spacenews.com/europes-space-act-shows-its-getting-serious-about-space-policy/>



## MARKET & COMPETITION

### ESA and Leonardo unite to revolutionise satellite navigation

The European Space Agency (ESA) and Leonardo have announced a joint initiative to revolutionise satellite navigation and positioning systems. The project aims to develop a next-generation satellite navigation system that is more accurate, resilient, and secure than current systems. The project is part of ESA's Navigation Innovation Support Programme (NAVISP) and promises to radically transform the resilience of Global Navigation Satellite Systems (GNSS). The project is led by ESA's Navigation Office, with Leonardo providing the technical expertise and resources. The project is expected to be completed by 2030.



[ESA and Leonardo unite to revolutionise satellite navigation](#)

### Indian companies target quantum secure satellite in new partnership

ISRO is an Indian space agency that is developing and launching satellites. ISRO has announced a new partnership with a group of Indian companies to develop a quantum secure satellite. The satellite is expected to be launched in 2026. The partnership is between ISRO and a group of Indian companies, including Tata Consultancy Services (TCS), Infosys, and Wipro. The satellite is expected to provide secure communication for the Indian government and its agencies.



[Indian companies target quantum secure satellite in new partnership](#)

### Germany requires freedom of information to strengthen space trust infrastructure offering

German defense and aerospace companies have announced the creation of a new trust infrastructure offering. The offering is designed to provide a secure and reliable way for companies to share sensitive information. The offering is part of a larger initiative to strengthen Germany's space trust infrastructure. The initiative is led by the German Aerospace Establishment (DLR) and the German Space Agency (DLR Space Agency). The offering is expected to be completed by 2025.



[Germany requires freedom of information to strengthen space trust infrastructure offering](#)

### France awarded \$100m in strategic contracts to enhance coverage capabilities across the Middle East and Africa region

France has awarded a \$100 million contract to enhance its satellite coverage capabilities across the Middle East and Africa region. The contract is for the development and launch of a new satellite. The satellite is expected to be launched in 2026. The contract is awarded to a group of French companies, including Airbus, Thales, and Safran. The satellite is expected to provide secure communication for the French government and its agencies.



[France awarded \\$100m in strategic contracts to enhance coverage capabilities across the Middle East and Africa region](#)

### UK's QinetiQ partners quantum leap in cybersecurity with ESA's Euclid

QinetiQ has announced a new partnership with ESA to develop a quantum secure satellite. The satellite is expected to be launched in 2026. The partnership is between QinetiQ and ESA. The satellite is expected to provide secure communication for the UK government and its agencies.



[UK's QinetiQ partners quantum leap in cybersecurity with ESA's Euclid](#)



### ESA and Leonardo united against satellite interference

A collaboration between ESA and Leonardo, made official during the Paris Aeronautics and Space Show in Le Bourget, will introduce artificial intelligence in the fight against jamming and spoofing. The joint project aims to revolutionise how satellite antennas identify and neutralise hostile signals. The initiative is part of ESA's Navigation Innovation Support Programme (NAVISP) and promises to radically transform the resilience of Global Navigation Satellite Systems (GNSS).



#AI #AntiJamming

**Link:** <https://4imag.com/esa-and-leonardo-united-against-satellite-interference/>

### India to train cyberwarfare experts for the French Ministry of the Armed Forces

The French Ministry of the Armed Forces has announced a new partnership with India to train cyberwarfare experts. The partnership is between the French Ministry of the Armed Forces and the Indian Ministry of Defense. The partnership is expected to be completed by 2025.



[India to train cyberwarfare experts for the French Ministry of the Armed Forces](#)



## MARKET & COMPETITION

### United States operating system to operational integration

The US Space Force has announced a new operating system for its global positioning system (GPS) which is designed to improve the system's ability to provide accurate location data to users in the future. [Read more](#)



[Link: https://www.spaceforce.mil/News/News-Details/US-Operating-System-to-Operational-Integration](#)

### India's ISRO launching 12 satellites to revolutionize space-based surveillance

India's ISRO is set to launch 12 satellites to revolutionize space-based surveillance. The satellites will be used to monitor the Earth's surface and provide real-time data to the Indian government. [Read more](#)



[Link: https://www.isro.gov.in/News-Events/News-Details/ISRO-Launching-12-Satellites-to-Revolutionize-Space-Based-Surveillance](#)

### Space Force achieves (PMA) 1.0 certification with new findings

The Space Force has successfully completed the Cybersecurity Maturity Model Certification (PMA) 1.0 with a new finding. The new finding is related to the system's ability to detect and respond to cyber threats. [Read more](#)



[Link: https://www.spaceforce.mil/News/News-Details/Space-Force-Achieves-PMA-1.0-Certification-with-New-Findings](#)

### Germany's Cyber Security Strategy

The German government has announced a new Cyber Security Strategy. The strategy is designed to protect the country's critical infrastructure and provide a framework for the government's response to cyber threats. [Read more](#)



[Link: https://www.bundesregierung.de/breg-en/news/cyber-security-strategy](#)

### France develops hybrid system for defense

France has developed a new hybrid system for defense. The system is designed to provide a more comprehensive view of the battlefield and provide a more effective response to threats. [Read more](#)



[Link: https://www.defense.gouv.fr/en/defense/defense-operations/defense-operations-2025](#)

### Israel develops cyber security solution with machine learning

Israel has developed a new cyber security solution using machine learning. The solution is designed to detect and respond to cyber threats in real-time. [Read more](#)



[Link: https://www.military-intelligence.com/news/israel-develops-cyber-security-solution-with-machine-learning](#)

[Link: https://www.military-intelligence.com/news/israel-develops-cyber-security-solution-with-machine-learning](#)

## THREAT INTELLIGENCE



### GPS jamming, spoofing continue to threaten global infrastructure after 500% surge

A surge in spoofing attacks linked to conflict zones is rattling the systems that run the global economy. According to industry experts, Global positioning system (GPS) disruptions continue to affect critical infrastructure worldwide following a 500% increase in spoofing incidents last year, and they say it's only the beginning. **#GPSJamming #Conflicts**

**Link:** <https://www.arabianbusiness.com/industries/technology/gps-jamming-spoofing-continue-to-threaten-global-infrastructure-after-500-surge>

### Iran confirms GPS jamming, says related to Chinese system

Iran has confirmed GPS jamming, saying it is related to a Chinese system. The jamming is designed to disrupt the GPS system and provide a more effective response to threats. [Read more](#)



[Link: https://www.military-intelligence.com/news/iran-confirms-gps-jamming-says-related-to-chinese-system](#)

## THREAT INTELLIGENCE

### China's space 'highlighters' and PRC media functioning to destroy US satellites and ships at sea

China's space 'highlighters' and PRC media functioning to destroy US satellites and ships at sea. The Chinese government is reportedly planning to launch a series of satellites that will be used to track and destroy US satellites and ships at sea. This is part of a larger strategy to weaken US military power in the region.



[Link: https://www.defensescoop.com/2025/07/08/china-space-highlighters-prc-media-functioning-to-destroy-us-satellites-and-ships-at-sea/](#)

### Confirmation of an FSB agent spying on the Ukrainian Space Agency

Ukraine's security service announced on July 10 that thanks to the actions of the Security Service, an FSB agent who was spying on the work of the Ukrainian Space Agency has been identified. The agent was reportedly working as a technical support engineer at the agency.



[Link: https://www.ukrainspace.gov.ua/en/news/confirmation-of-an-fsb-agent-spying-on-the-ukrainian-space-agency](#)

### Alleged data leak of Hong Kong Defense & Aerospace

The Hong Kong government has received information about a suspected data leak from the Hong Kong Defense & Aerospace Administration. The leak is believed to have occurred during a meeting at the administration's headquarters.



[Link: https://www.hktdc.com/en/press-releases/2025071001](#)

## TECHNOLOGY



### Space Force developing new cloud-based digital environment for training

As part of the Space Force's effort to modernize its test and training infrastructure, the service is building a new digital range that will eventually connect disparate units and capabilities to allow for realistic, large-scale training. The capability — dubbed "Swarm" — is in nascent development, but envisioned as a multi-classification digital environment where guardians from various units can come together against simulated adversaries. **#Cloud #SpaceForce**



**Link:** <https://defensescoop.com/2025/07/10/space-force-swarm-digital-environment-training-test-infrastructure-starcom/>

### Enhancing GPS integrity: How GPS Technology is shaping the future of GPS Standard

GPS technology is shaping the future of GPS Standard. The GPS Standard is a set of rules that governs the use of GPS technology. It is designed to ensure that GPS technology is used in a safe and secure manner.



[Link: https://www.gps.gov/standards/development/2025071001](#)

### Investing China's strategic satellite capabilities

The United States has made a major investment in its satellite capabilities. This investment is part of a larger strategy to strengthen the US military's ability to operate in space. The investment is expected to result in a significant increase in the US military's satellite capabilities.



[Link: https://www.defensescoop.com/2025/07/10/us-investing-china-s-satellite-capabilities](#)

## TRAINING & EDUCATION



### Swansea University and Airbus team up to build cyber-resilient aerospace systems

Swansea University, Novel Engineering Consultants, and Airbus Endeavr Wales have launched a joint research effort with the Welsh Government and Airbus Defence and Space to harden aerospace systems against cyberattacks. The project is the first of its kind to explore specific aspects of how model-based systems engineering (MBSE) can be applied at the early design stage. **#Research #Aerospace #Cyber-resilience**



**Link:** <https://industrialcyber.co/news/swansea-and-airbus-team-up-to-build-cyber-resilient-aerospace-systems/>

## TRAINING & EDUCATION

Following another round of discussions with our top intelligence intelligence experts, the group agreed to work with partners to explore other opportunities, including support for training and research and training. The group also agreed to work with partners to explore other opportunities, including support for training and research and training. The group also agreed to work with partners to explore other opportunities, including support for training and research and training.

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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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