



SPACE CYBERSECURITY WEEKLY WATCH

Week 6

February 4 – February 10, 2025

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

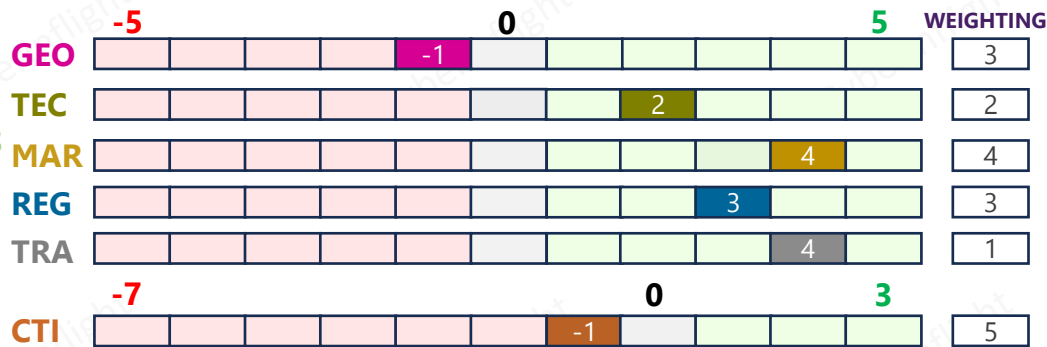
Timeframe: Weekly
of articles identified: 28
Est. time to read: 45 minutes

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

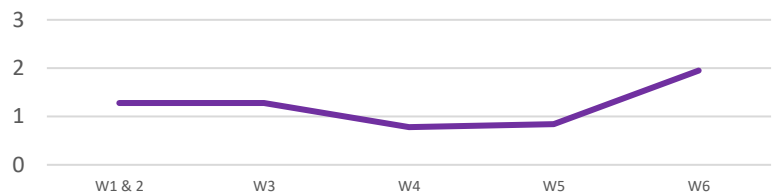
RISC Score Assessment



Overview & Resilience Index for Space Cybersecurity (RISC)



RISC Score evolution in 2024 and 2025



↑ The RISC score for this watch is 1.95, a big increase from last week. This score becomes high because of new regulations and few threats.

This week, CyberInflight was proud to participate in La Rencontre de l'Ecosystème Espace by Aerospace Valley. Meanwhile, on the geopolitical side, the European Commissioner for Defence and Space, Andrius Kubilius, warns that the gaps in Europe's military capabilities are very deficient. On the threat intel front, the Spanish police have arrested a suspected hacker in Alicante for allegedly conducting cyberattacks targeting critical organizations, including the Guardia Civil, the Ministry of Defense, NATO, the US Army, and various universities. On the market side, OPTIMAS, a European project, has started to develop an advanced free-space optical communication system for multi-domain defense applications in collaboration with the firm Schiebel. We also notice a significant interest in quantum for many space companies, such as SpeQtral, a company from Singapore, or Synergy Quantum from Switzerland. On the technological side, in order to lessen GNSS issues, the firm Dimetor introduces NAVSentry, an advanced GNSS threat detection and prevention for securing critical operations. On the other side of the Atlantic, Canada unveils a "sensitive technology" list, identifying 11 key areas to strengthen national security, including cybersecurity. Last but not least, cyber operations and cyberattacks are already influencing the modern space race, according to cybersecurity and business professional Joseph Rooke in Recorded Future. Moreover, the applications for the 2025 edition of ESA Academy's Space Cybersecurity training course are open, don't forget to apply!



CYBERINFLIGHT'S NEWS

★ CyberInflight participated in the 17th European space conference

Find linked the photographs of this day. #EUSpace #Conference
Link: <https://galerie.triptyque.be/17theuropeanspaceconference/d2agorapm/>



★ CyberInflight participated in La Rencontre de l'Ecosystème Espace

On Monday February 3, Aerospace Valley was honored to welcome Mr Jean-Pierre Diris, interministerial coordinator of IRIS² and GOVSATCOM, for a meeting at the heart of these two European Commission initiatives, with over 80 members in attendance, including CyberInflight. #AerospaceValley #Conference
Link: https://www.linkedin.com/posts/aerospace-valley_retoursur-iris-govsatcom-activity-7292208381174427648-U0WL?utm_source=share&utm_medium=member_ios



GEOPOLITICS

★ European commissioner for Defence and Space: 'The gaps in our military capabilities are very serious'

Andrius Kubilius makes his debut in his dual roles, as European commissioner for Defence and Space and European deputy and warns that finances must match space and defence needs. #EuropeanCommission #EDA
Link: <https://www.atalayar.com/en/articulo/politics/european-commissioner-for-defence-and-space-the-gaps-in-our-military-capabilities-are-very-serious/20250204180000210696.html>



US cybersecurity efforts for space are up in the air

The Department of Defense and the National Security Agency are working to improve the nation's space cybersecurity capabilities, according to a report from the Congressional Budget Office. The report says that the current level of spending is not enough to meet the growing threat to space assets.



THREAT INTELLIGENCE

Spain arrests suspected hacker of US and Spanish military agencies

The Spanish police have arrested a suspected hacker in Alicante for allegedly conducting 40 cyberattacks targeting critical public and private organizations, including the Guardia Civil, the Ministry of Defense, NATO, the US Army, and various universities. #Hack #US



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Link: <https://www.bleepingcomputer.com/news/legal/spain-arrests-suspected-hacker-of-us-and-spanish-military-agencies/>

TECHNOLOGY

★ Dimetor introduces NAVSentry: advanced GNSS threat detection and prevention for securing critical operations

In today's fast-paced, interconnected world, reliable GNSS (Global Navigation Satellite System) signals are the backbone of countless industries, enabling precise positioning, navigation, and timing for critical operations. #NAVSentry #GNSS

Link: <https://www.atc-network.com/atc-news/dimetor-introduces-navsentry-advanced-gnss-threat-detection-and-prevention-for-securing-critical-operations>



Advancing GNSS operations with NAVSentry

The Dimetor team is proud to announce the launch of NAVSentry, a cutting-edge solution designed to protect GNSS signals from cyber threats. This technology is essential for ensuring the integrity and availability of navigation services in critical sectors.



Link: <https://www.dimetor.com/en/advancing-gnss-operations-with-navsentry>



MARKET & COMPETITION



Quantum networking advances on Earth and in space

American and European companies are making progress on solving fundamental quantum networking technical challenges. **#Advances #Quantum**

Link: <https://www.networkworld.com/article/3816621/quantum-networking-advances-on-earth-and-in-space.html>



OPTIMAS starts the European project for cybersecure communications in free space with the collaboration of Schiebel

OPTIMAS, a European project led by "monodon by Navantia", has begun with the aim of developing an advanced free-space optical communication system for multi-domain defence applications in collaboration with Schiebel. **#OPTIMAS #Schiebel**

Link: <https://flight.com.gr/optimas-starts-the-european-project-for-cybersecure-communications-in-free-space-with-the-collaboration-of-schiebel/>





MARKET & COMPETITION

UK Space Security Strategy 2025: A comprehensive security framework

The UK Space Security Strategy 2025 is a comprehensive security framework that sets out the UK's approach to space security. It covers a range of issues, including the protection of UK space assets, the prevention of space-based threats, and the promotion of international space security cooperation.

Link: [https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/100000/uk-space-security-strategy-2025.pdf](#)



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Link: [https://www.defense.gov/Portals/0/Documents/2025/Space_Security_Strategy_2025.pdf](#)



EU Space Security Strategy 2025: A comprehensive security framework

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Link: [https://ec.europa.eu/digital-and-innovation/sites/default/files/2025-02/Space_Security_Strategy_2025.pdf](#)



REGULATION

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Link: [https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/100000/uk-space-security-strategy-2025.pdf](#)



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Link: [https://www.defense.gov/Portals/0/Documents/2025/Space_Security_Strategy_2025.pdf](#)



Canada unveils sensitive technology list, identifies 11 key areas to strengthen national security

The federal government has unveiled a list of "sensitive technologies," identifying a range of novel technologies critical to national security. **#SensitiveTech #NationalSecurity**

Link: <https://www.theepochtimes.com/world/canada-unveils-sensitive-technology-list-identifies-11-key-areas-to-strengthen-national-security-5805680>



TRAINING & EDUCATION

The challenges of defending satellites in modern space warfare

The challenges of defending satellites in modern space warfare are complex and multifaceted. This white paper explores the key components shaping this modern space race and highlights how cyberattacks are already influencing its trajectory.

Link: [https://www.recordedfuture.com/blog/convergence-space-cyber](#)



The convergence of space and cyber: An evolving threat landscape

The Space Race 2.0 is well underway and accelerating rapidly. This white paper explores the key components shaping this modern space race and highlights how cyberattacks are already influencing its trajectory. **#SpaceRace #WhitePaper**

Link: <https://www.recordedfuture.com/blog/convergence-space-cyber>



TRAINING & EDUCATION

Apply now for the 2025 edition of ESA academy's space cybersecurity training course

ESA Academy is inviting 30 highly motivated Bachelor and Master students to attend the Space Cybersecurity Training Course. The 2nd edition of the training course will take place from 30 June to 4 July 2025 at the ESA Education Training and Learning Facility in ESEC-Galaxia, Belgium. #ESA #Course

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Link:

https://www.esa.int/Education/ESA_Academy/Apply_now_for_the_2025_edition_of_ESA_Academy_s_Space_Cybersecurity_Training_Course

*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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