

SPACE CYBERSECURITY WEEKLY WATCH

Week 48

November 26 – December 02, 2024

Timeframe: Weekly
of articles identified: 30
Est. time to read: 45 minutes

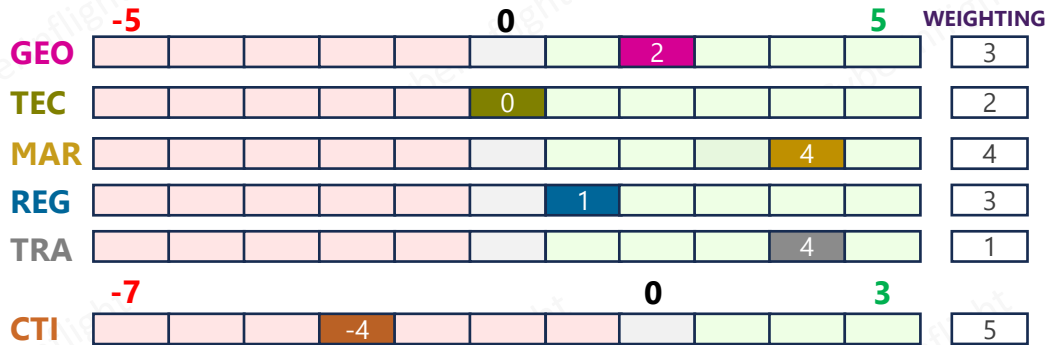
Articles, company's communications, whitepapers, academic works, podcast, and sources not to be missed on the topic of space cybersecurity over a specified timeframe.

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

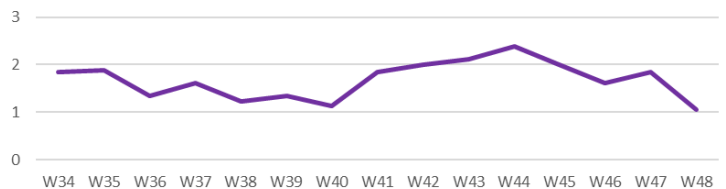
RISC Score Assessment



Overview & Resilience Index for Space Cybersecurity (RISC)



RISC Score Evolution



This week's RISC score is 1.06, reflecting a strong decrease from last week. This decrease is attributed to an important threat climate, with several articles referring to cyberattacks or threats, and no technological updates.

This week, CyberInflight's team attended the Cybersecurity Convention (CBC) in Toulouse, a must-attend event for cybersecurity players. The day was rich in exchanges, inspiring encounters, and captivating conferences on our field's current and future challenges. On the geopolitical side, Andrius Kubilius formally started his tenure as the European Commissioner for Defence and Space on Dec. 1 for a five-year term. The new EU commissioner responsible for space says he will focus on improving European competitiveness and security in space, including passing a long-delayed space law. On the threat intel side, after months of silence, the ransomware group Medusa Locker returned with a significant claim. The group is selling over, for \$800k, 3TB of sensitive data, including emails, customer info, and audits, allegedly from a leading cable and satellite company with \$700m in revenue in Estonia. On the market front, the US Space Force awarded Raytheon a \$196.7m contract extension for the Global Positioning System Next Generation Operational Control System (OCX), a critical upgrade to the GPS infrastructure years behind schedule. The contract, announced Nov. 27 by Space Systems Command, targets the next software upgrade to be delivered by November 2025. This latest award brings Raytheon's total OCX contract value to nearly \$4.5bn since the program's inception in 2010. On the regulatory front, ENISA published a NIS investment report to provide policy makers with evidence to assess the effectiveness of the existing EU cybersecurity framework specifically through data on how the NIS Directive has influenced cybersecurity investments and overall maturity of organizations in scope. Lastly, the COMET CYB (by CNES) is organizing an event on 19/12 in Toulouse (at La cité, Montaudran). Register now!



CYBERINFLIGHT'S NEWS

★ A look back at the CBC - Cybersecurity Business Convention in Toulouse!

CyberInflight's team had the chance to attend CBC last week, a must-attend event for cybersecurity players. It was a day rich in exchanges, inspiring encounters, and captivating conferences on our field's current and future challenges.

#CBC #Toulouse

Link: https://www.linkedin.com/posts/cyberinflight_retour-en-image-sur-le-cbc-cybersecurity-activity-7268273106329243648-Ge0P?utm_source=share&utm_medium=member_desktop



GEOPOLITICS

Why South Korea is now a bigger player in US China cyberwarfare

South Korea has emerged as a significant player in the US-China cyberwarfare arena, particularly in the context of the ongoing tensions between the two superpowers. The country's advanced technological capabilities and its strategic location in East Asia make it a key ally for the United States in its efforts to counter Chinese cyber threats.

Link: [https://www.spacenews.com/news/south-korea-cyberwarfare-us-china](#)



★ New EU space commissioner outlines priorities

Andrius Kubilius formally started his tenure as the European Commissioner for Defence and Space on Dec. 1 after members of the European Parliament confirmed him among a slate of 26 commissioners Nov. 27 for five-year terms. The new European Union commissioner responsible for space says he will focus on improving European competitiveness and security in space, including passage of a long-delayed space law. #Europe #SpaceStrategy

Link: <https://spacenews.com/new-eu-space-commissioner-outlines-priorities/>



THREAT INTELLIGENCE

Government faces sophisticated and dangerous cyberattacks

The US government is facing increasingly sophisticated and dangerous cyberattacks from state-sponsored actors and criminal groups. These attacks target critical infrastructure, government agencies, and private citizens, posing a significant threat to national security.

Link: [https://www.spacenews.com/news/government-cyberattacks](#)



Space Force looks to build up against satellite companies

The US Space Force is looking to build up its capabilities to counter the growing threat of satellite companies. The Space Force is focusing on developing advanced satellite technologies and improving its ability to detect and track satellites in orbit.

Link: [https://www.spacenews.com/news/space-force-satellite-companies](#)



★ Ransomware group Medusa Locker allegedly hits a leading cable & satellite company with \$700m revenue in Estonia

After months of silence, ransomware group Medusa Locker returns with a major claim. The group is selling over 3TB of sensitive data, including emails, customer info, and audits, allegedly from a leading cable & satellite company with \$700m revenue in Estonia. Price: \$800k. #MedusaLocker #Estonia

Link: https://x.com/ido_cohen2/status/1861524677287715040



In the new space race, leaders are building a satellite shield

The new space race is heating up as countries and companies build up their satellite capabilities. Leaders are investing heavily in satellite technology to gain a strategic advantage in the space domain.

Link: [https://www.spacenews.com/news/satellite-shield](#)

The urgent need for a national GPS jamming detection system

The urgent need for a national GPS jamming detection system is becoming increasingly apparent. GPS jamming poses a significant threat to national security and critical infrastructure, and a robust detection system is essential for mitigating this risk.

Link: [https://www.spacenews.com/news/gps-jamming-detection](#)





THREAT INTELLIGENCE

Italian confirms disrupting Hypersonic international's satellite launches

Italian authorities have confirmed the successful disruption of a satellite launch by Hypersonic International, a company based in the United States. According to the Italian Ministry of Defense, the satellite was launched from the United States and was intended to provide intelligence and surveillance capabilities to the United States. The satellite was launched on November 15, 2024, and was successfully disrupted by Italian anti-satellite capabilities. The satellite was launched from the United States and was intended to provide intelligence and surveillance capabilities to the United States. The satellite was launched on November 15, 2024, and was successfully disrupted by Italian anti-satellite capabilities.

Link: [https://www.italynews.com/en/italy-confirms-disrupting-hypersonic-international-satellite-launches-2024-11-15/](#)



North Korea and China threat action target crypto, companies, and government agencies

North Korea and China have issued a joint statement warning of a new wave of cyberattacks targeting cryptocurrency, companies, and government agencies. The statement, issued by the North Korean Ministry of State Security and the Chinese Ministry of National Security, claims that the two countries are working together to launch a coordinated cyber campaign against these targets. The statement also claims that the two countries are working to disrupt the global financial system and to undermine the stability of the international community.

Link: [https://www.korea.com/en/news/2024/11/26/north-korea-and-china-threat-action-target-crypto-companies-and-government-agencies](#)



UK launches cyber security plan amid Russia threat

The UK has launched a new cyber security plan in response to the growing threat from Russia. The plan, titled 'Cyber Security Strategy 2024-2028', sets out the government's approach to protecting the UK's digital infrastructure and citizens from cyberattacks. The plan also sets out the government's approach to international cyber cooperation and to the development of new cyber security technologies.

Link: [https://www.gov.uk/government/news/cyber-security-strategy-2024-2028](#)



US DHS secretary to EU embassy, US to force cyber information sharing, navigation & timing

The US Department of Homeland Security (DHS) Secretary, Kristi Noem, has visited the EU embassy in Washington, DC, to discuss cyber information sharing, navigation, and timing. Noem met with EU officials and discussed the importance of international cooperation in the fight against cyber threats. Noem also discussed the US government's efforts to improve cyber security and to protect the US's digital infrastructure.

Link: [https://www.dhs.gov/news/2024/11/26/dhs-secretary-visits-eu-embassy](#)



France to commission EU cybersecurity research | cooperation to | Europe | EU | Cyber security with the help of EU countries the research and share data to Member and State -- 26

France will commission a new EU cybersecurity research project to improve the security of Europe's digital infrastructure. The project, titled 'EU Cybersecurity Research Project', will focus on developing new cybersecurity technologies and on improving the EU's cyber security capabilities. The project will also focus on improving the EU's ability to share cyber security information and to coordinate its cyber security efforts.

Link: [https://www.france24.com/en/europe/2024/11/26/france-commission-eu-cybersecurity-research/](#)



The Russian satellite jamming system Trade 2.0

The Russian satellite jamming system Trade 2.0 has been successfully tested. The system, developed by the Russian Ministry of Defense, is designed to jam satellite communications and to disrupt the operations of satellite-based systems. The system was tested in a series of exercises in the Black Sea region and was found to be highly effective.

Link: [https://www.russia.com/en/news/2024/11/26/russian-satellite-jamming-system-trade-2-0](#)



REGULATION



NIS investments 2024

This report aims at providing policy makers with evidence to assess the effectiveness of the existing EU cybersecurity framework specifically through data on how the NIS Directive has influenced cybersecurity investments and overall maturity of organisations in scope. As 2024 is the year of the transposition of NIS 2, this report also intends to capture a pre-implementation snapshot of the relevant metrics for new sectors and entities in scope of NIS 2 to help future assessments of the impact of NIS 2. #ENISA #NIS

Link: <https://www.enisa.europa.eu/publications/nis-investments-2024>





MARKET & COMPETITION

US Space Force awards Raytheon \$196.7m for additional work on GPS ground control system

The US Space Force awarded Raytheon a \$196.7m contract extension for the Global Positioning System Next Generation Operational Control System (OCX), a critical upgrade to the GPS infrastructure that is years behind schedule. The contract, announced Nov. 27 by Space Systems Command, targets the next software upgrade to be delivered by November 2025. This latest award brings Raytheon's total OCX contract value to nearly \$4.5bn since the program's inception in 2010.



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#USSF #Raytheon

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TRAINING & EDUCATION



Évènement Cyber et Spatial : « Innovation en cybersécurité spatiale : État de l'art et perspectives » (Trad: Space cyber event : "Innovation in space cybersecurity: state of the art and perspectives")



The COMET CYB (by CNES) is organizing an event on 19/12 in Toulouse (at La cité, Montaudran). This COMET CYB event will be an opportunity to take stock of current R&T or research projects at the crossroads of cybersecurity and space, and to explore prospects in this field. #COMETCYB #CNES

Link: https://www.linkedin.com/posts/yohann-bauzil_event-cyber-et-spatial-innovation-en-activity-7269084250157584384-mR5p?utm_source=share&utm_medium=member_desktop

AI Big Data & Analytics: Challenges and Opportunities for Cybersecurity: Space Week 2024 in France



The event will explore the challenges and opportunities of AI in cybersecurity, with a focus on the use of AI in threat detection, incident response, and vulnerability assessment. The event will also discuss the role of AI in the development of new cybersecurity solutions and the challenges of implementing AI in cybersecurity.

Link: https://www.linkedin.com/posts/yohann-bauzil_event-cyber-et-spatial-innovation-en-activity-7269084250157584384-mR5p?utm_source=share&utm_medium=member_desktop

Workshop on Space 2024: Celebrating 50 years of presence at Space pioneering innovation



Workshop is aimed to celebrate the presence of Space 2024, marking the company's 50th anniversary since its founding. The event will explore the challenges and opportunities of space 2024, with a focus on the use of space 2024 in the development of new cybersecurity solutions and the challenges of implementing space 2024 in cybersecurity.

Link: https://www.linkedin.com/posts/yohann-bauzil_event-cyber-et-spatial-innovation-en-activity-7269084250157584384-mR5p?utm_source=share&utm_medium=member_desktop

Research on High-Dimensional Tracking Algorithms for the 6G/7G era



The paper discusses the challenges of high-dimensional tracking in the 6G/7G era, focusing on the use of high-dimensional tracking algorithms in the development of new cybersecurity solutions and the challenges of implementing high-dimensional tracking algorithms in cybersecurity.

Link: https://www.linkedin.com/posts/yohann-bauzil_event-cyber-et-spatial-innovation-en-activity-7269084250157584384-mR5p?utm_source=share&utm_medium=member_desktop

Machine Learning Algorithms for 6G/7G Tracking Algorithms

The paper discusses the challenges of machine learning algorithms in the development of new cybersecurity solutions and the challenges of implementing machine learning algorithms in cybersecurity.

Link: https://www.linkedin.com/posts/yohann-bauzil_event-cyber-et-spatial-innovation-en-activity-7269084250157584384-mR5p?utm_source=share&utm_medium=member_desktop

Les défis de la cybersécurité spatiale en présence de 6G/7G à Toulouse (19/12/2024)



The event will explore the challenges of space cybersecurity in the presence of 6G/7G, with a focus on the use of space cybersecurity in the development of new cybersecurity solutions and the challenges of implementing space cybersecurity in cybersecurity.

Link: https://www.linkedin.com/posts/yohann-bauzil_event-cyber-et-spatial-innovation-en-activity-7269084250157584384-mR5p?utm_source=share&utm_medium=member_desktop

Security from the Space Cybersecurity Watch



The event will explore the challenges of space cybersecurity in the presence of 6G/7G, with a focus on the use of space cybersecurity in the development of new cybersecurity solutions and the challenges of implementing space cybersecurity in cybersecurity.

Link: https://www.linkedin.com/posts/yohann-bauzil_event-cyber-et-spatial-innovation-en-activity-7269084250157584384-mR5p?utm_source=share&utm_medium=member_desktop

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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