



SPACE CYBERSECURITY WEEKLY WATCH

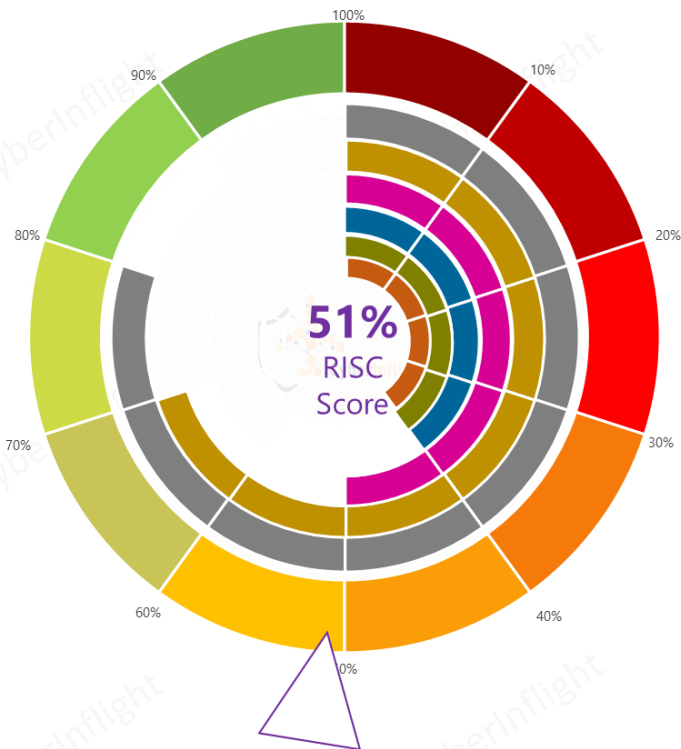
Week 44

October 24 – 30, 2023

Timeframe : Weekly
of articles identified : 24
Est. time to read : 35 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.

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



Overview & RISC Score

This week's RISK score is 51%. There are several reasons for this score, including news about the development of threats and military capabilities from Russia. Also this week, Russia has launched new military-related satellites suspected of being dedicated to intelligence. On the market front, the European Union is continuing its efforts to improve safety by encouraging call for proposals under the 4S program.

On the technological front, initiatives to improve the resilience of GPS-related vulnerabilities are on the rise. As for the threat intel this week, Russia has renewed its in-orbit eavesdropping capabilities through the Luch/Olymp 2 activities. Finally, the UK Space Conference has been announced. It aims at giving an insight into how the approach on cyber securing assets fits with that of the space community as a whole to promote resilience at an eco-system level.



GEOPOLITIC

Space Operations Command (SOPC) launches 2023's first two 2023 series

The Space Operations Command (SOPC) has launched its first two 2023 series of operations, marking a significant milestone in the program's history. The operations are being conducted in support of the Department of Defense's (DoD) space operations and are being conducted in support of the DoD's space operations.

Link: [https://www.defense.gov/Newsroom/News/Article/ArticleID/328888/Space-Operations-Command-laugns-2023-s-first-two-2023-series](#)



С космодрома Плесецк запустили космические аппараты в интересах Минобороны (Trad.: Plesetsk Cosmodrome launches spacecraft in the interests of the Ministry of Defense)

The Soyuz-2.1b launcher, believed to carry a Lotos-S electromagnetic intelligence satellite, took off from Plesetsk.

#Intelligence #Lotos-S

Link: <https://tass.ru/kosmos/19131125>



MARKET & COMPETITION

Space Force planning \$9 billion satellite architecture for medium-altitude and control

The Space Force is planning a \$9 billion satellite architecture for medium-altitude and control. The architecture is designed to provide the Space Force with the capability to control and coordinate the operations of its satellites. The architecture is designed to provide the Space Force with the capability to control and coordinate the operations of its satellites.

Link: [https://www.defense.gov/Newsroom/News/Article/ArticleID/328888/Space-Force-planning-9-billion-satellite-architecture-for-medium-altitude-and-control](#)



Space Agencies & Non-Governmental Organizations Agree to the EU Commission and ESA for the EU Community Programme

The European Commission and the European Space Agency (ESA) have agreed to the EU Community Programme. The programme is designed to provide the European Commission and the European Space Agency with the capability to control and coordinate the operations of its satellites. The programme is designed to provide the European Commission and the European Space Agency with the capability to control and coordinate the operations of its satellites.

Link: [https://www.esa.int/ESA/News/Space_Agencies_and_Non-Governmental_Organizations_Agree_to_the_EU_Community_Programme](#)



Space Force uses \$1.1 billion to develop a \$1.1 billion for fiscal year

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Link: [https://www.defense.gov/Newsroom/News/Article/ArticleID/328888/Space-Force-uses-1.1-billion-to-develop-a-1.1-billion-for-fiscal-year](#)



CALL FOR PROPOSALS: 'Cybersecurity as Enabler for Secure Satellite Communications and Resilient Applications'

This Space Systems for Safety and Security (4S) Call for Proposals aims to foster the development of innovative satellite communications technologies, products, systems and downstream applications which address these challenges.

#ESA #CallforProposal

Link: https://www.linkedin.com/posts/spacesolutions_esa-safetyandsecurity-cybersecurity-activity-7121797416915226624-KRGG/



Developing a space cyber range with ESA

The European Commission and the European Space Agency (ESA) have agreed to the development of a space cyber range. The range is designed to provide the European Commission and the European Space Agency with the capability to control and coordinate the operations of its satellites. The range is designed to provide the European Commission and the European Space Agency with the capability to control and coordinate the operations of its satellites.

Link: [https://www.esa.int/ESA/News/Developing_a_space_cyber_range_with_ESA](#)



THREAT INTELLIGENCE

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TRAINING & EDUCATION

How Will Malware & Ransomware in Cybersecurity Evolve - The Past, Present and Future in the Space Industry
The space industry is a critical part of our global infrastructure. As the industry grows, it becomes a prime target for cyberattacks. This session will explore the challenges of securing space systems and the role of cybersecurity in the future of space.



Reports are optimistic about the future of cybersecurity as it relates to space. Despite growing concerns over the modern threat landscape, the industry is making significant progress in securing its assets. This session will discuss the challenges of securing space systems and the role of cybersecurity in the future of space.



'Cybersecurity in the Space Age' at the Digital Security Festival
The space industry is a critical part of our global infrastructure. As the industry grows, it becomes a prime target for cyberattacks. This session will explore the challenges of securing space systems and the role of cybersecurity in the future of space.



The Challenges and Opportunities of Cryptography, Quantum Security & Cyber Systems for Space-Tech Security

The UK Space Conference session is expected to give an insight into how the approach to cyber securing assets fits with that of the community as a whole to promote resilience at an eco-system level. **#Conference #UKSpaceConference**

Link: https://www.linkedin.com/posts/third-planet-orbital_uksc2023-thirdplanetorbital-cybersecurity-activity-7122929852118122496-Pwko/



Working & Studying Under Starlight
The space industry is a critical part of our global infrastructure. As the industry grows, it becomes a prime target for cyberattacks. This session will explore the challenges of securing space systems and the role of cybersecurity in the future of space.



Space Tracking Information Sharing & the World Center
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MIT MITL for Space Cybersecurity Professional Workforce Development and Training
The space industry is a critical part of our global infrastructure. As the industry grows, it becomes a prime target for cyberattacks. This session will explore the challenges of securing space systems and the role of cybersecurity in the future of space.



Creating the Next Frontier: Reverse engineering and exploring low earth orbit conditions
The space industry is a critical part of our global infrastructure. As the industry grows, it becomes a prime target for cyberattacks. This session will explore the challenges of securing space systems and the role of cybersecurity in the future of space.



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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