

Week 38 | September 17 - 23, 2024

# SPACE CYBERSECURITY WEEKLY WATCH

Week 38 September 17 - 23, 2024

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 Assesment**

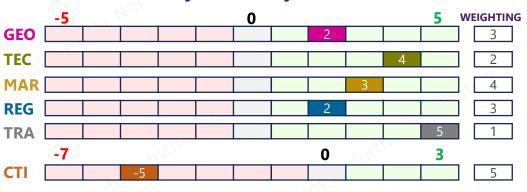
Timeframe: Weekly

# of articles identified: 38

Est. time to read: 75 minutes

# Overview & Resilience Index for Space Cybersecurity (RISC)

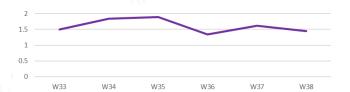




#### **RISC Score Evolution**



This week's RISC score is 1.45, a slight decrease from last week, primarily due to an increase in cyber-threats targeting critical infrastructure.



On the geopolitical front, US Space Operations Command (SPOC) has released a detailed report highlighting the growing geopolitical challenges in space. The report discusses the increasing competition among global powers for space dominance, particularly in the context of military and strategic operations. On the technological side, Integrasys has introduced a suite of advanced SATCOM solutions at the World Satellite Business Week (WSBW). These solutions are aimed at improving Geospatial Intelligence (GEOINT) and Space Domain Awareness (SDA) capabilities, enabling more precise satellite communications and space monitoring. On the market front, Aldoria Space has landed a pivotal contract with U-Space to enhance the safety and reliability of nano-satellite missions. The partnership will leverage Aldoria's advanced Space Situational Awareness (SSA) capabilities to monitor and ensure the safe operation of small satellites. On the regulatory front, the European Union's OSNMA initiative aims to create a multi-layered GNSS security system, designed to protect satellite navigation systems from interference, jamming, and spoofing attacks. On the threat intel side, a recent series of war games has highlighted the threat of Chinese cyberattacks aimed at crippling Taiwan's communication systems. The exercises demonstrated how such attacks could paralyze Taiwan's ability to respond in a military conflict, showcasing the importance of secure communications infrastructure. Lastly, the UK PNT leadership seminar on Position, Navigation, and Timing (PNT) will be held in the UK on November 20. The event will focus on enhancing national capabilities, providing a training platform for PNT professionals, and discussing the latest advancements in this critical sector.



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# **GEOPOLITICS**



#### Space operations command (SPOC) highlights global geopolitical challenges

US Space Operations Command (SPOC) has released a detailed report highlighting the growing geopolitical challenges in space. The report discusses the increasing competition among global powers for space dominance, particularly in the context of military and strategic operations. As space becomes a contested domain, issues like space debris management, satellite security, and the weaponization of space are becoming more prominent. The report also outlines SPOC's future plans to ensure that the US maintains its leadership in space, with a strong focus on collaboration with international allies. **#SPOC #SpaceSecurity** 

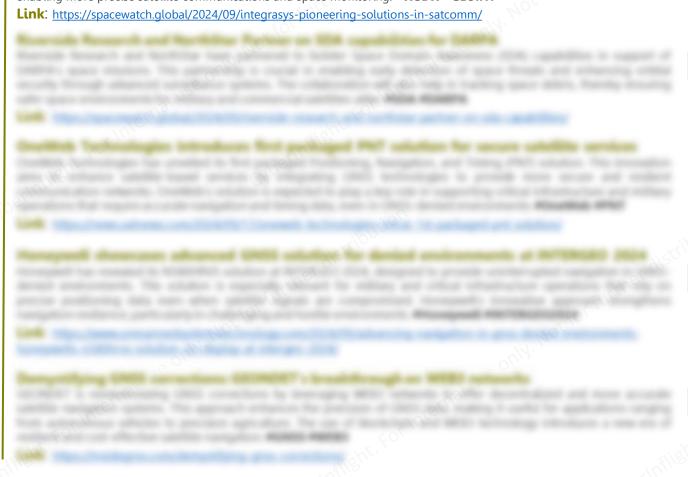
Link: https://www.spoc.spaceforce.mil/News/Article-Display/Article/3908406





#### **INTEGRASYS** unveils cutting-edge solutions for SATCOM at WSBW

Integrasys has introduced a suite of advanced SATCOM solutions at the prestigious World Satellite Business Week (WSBW). These solutions are aimed at improving Geospatial Intelligence (GEOINT) and Space Domain Awareness (SDA) capabilities, enabling more precise satellite communications and space monitoring. **#WSBW #GEOINT** 







## **TECHNOLOGY**



# **REGULATION**



#### A step toward multi-layered GNSS security: OSNMA's EU-led initiative

The European Union's OSNMA initiative aims to create a multi-layered GNSS security system, designed to protect satellite navigation systems from interference, jamming, and spoofing attacks. This program, which focuses on building resilience for the EU's GNSS infrastructure, is essential for ensuring the reliability of space-based services, which are increasingly vital for both civilian and military operations across Europe. **#OSNMA #GNSSResilience** 

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**Link**: https://www.antcom.com/resources/velocity-magazine/a-step-toward-multi-layered-gnss-security

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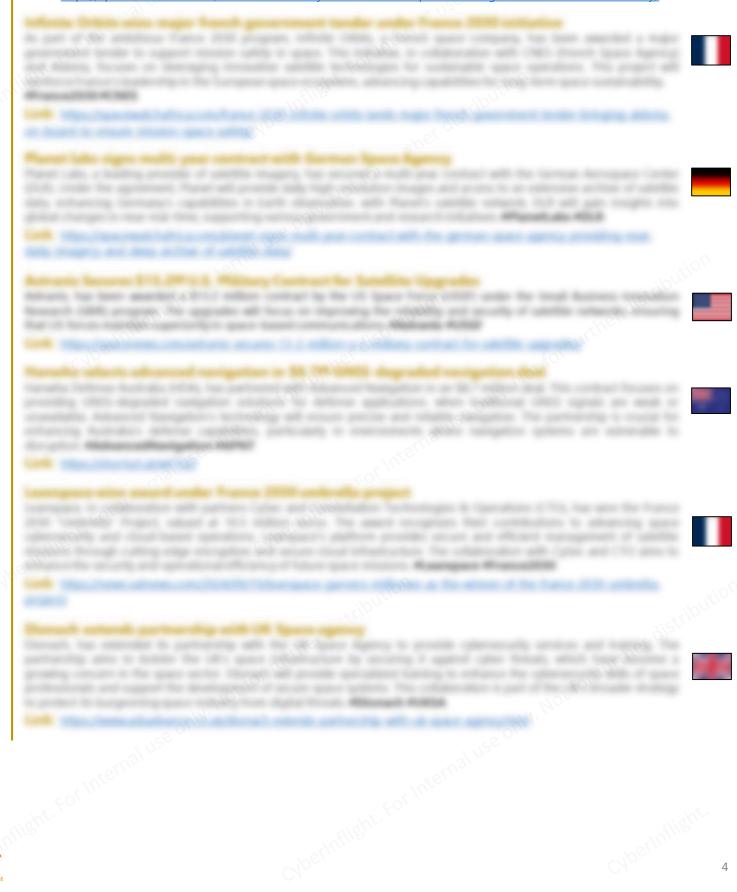
# **MARKET & COMPETITION**



#### Aldoria lands crucial contract with U-Space, strengthening nano-satellite mission safety

Aldoria Space, has landed a pivotal contract with U-Space to enhance the safety and reliability of nano-satellite missions. The partnership will leverage Aldoria's advanced Space Situational Awareness (SSA) capabilities to monitor and ensure the safe operation of small satellites. By securing this contract, Aldoria continues to play a crucial role in the growing nanosatellite market, which is key for many new space ventures. #NanoSatellites #SpaceSafety

Link: https://spacewatchafrica.com/aldoria-secures-key-contract-with-u-space-boosting-nano-satellite-mission-safety/



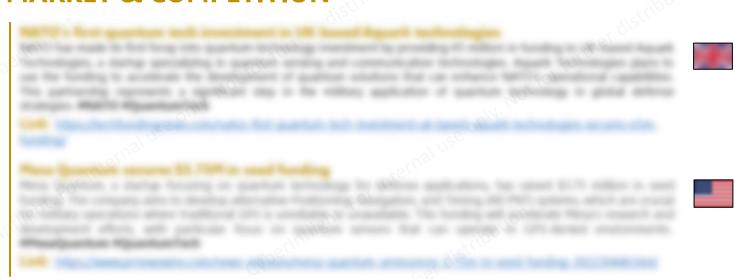




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**MARKET & COMPETITION** 



## THREAT INTELLIGENCE

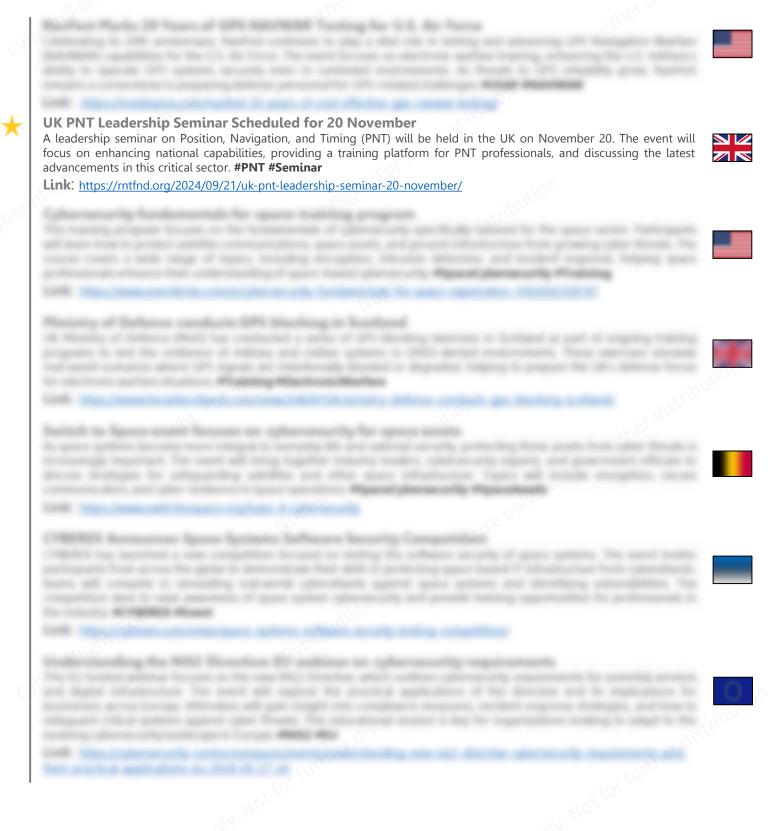




# TRAINING & EDUCATION



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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.

Contact us at: <u>research@cyberinflight.com</u>

