Timeframe: Weekly

of articles identified: 35

Est. time to read: 1h15min

SPACE CYBERSECURITY WEEKLY WATCH

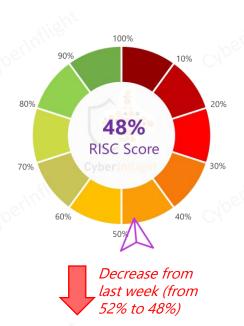
Week 49

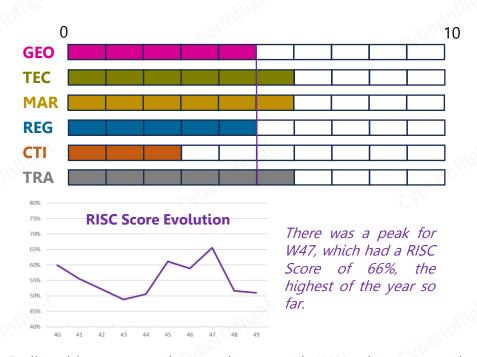
November 28 - December 4, 2023

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









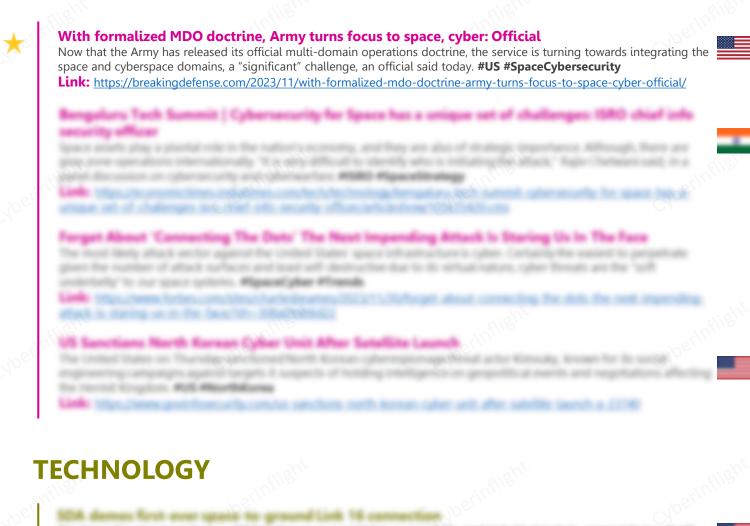
This week's RISC Score is 48%. Earlier this year, a cyberattack targeted JAXA, the agency then declared this week that that the possibility is high that unauthorized access was made to its central server. Also this week, a US Army representative stated that the military is turning towards integrating the space and cyberspace domains to build a military doctrine, which in practice represents a major challenge. On the technology side, measures under the new UK strategy for ensuring the continuity of PNT services require the elaboration of a comprehensive crisis plan to be activated if PNT services become unavailable. This week, the Defense Innovation Unit, USSF and AFRL published a new round of proposals for a space network project. The aim is to connect satellite networks and ground communications systems so military users can get data faster and more securely than is currently possible. A focus on NIST IR 8441 is included in the regulation section of this watch. Finally, an academic paper was published this week on China's use of the eLoran service for its critical infrastructures.





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GEOPOLITIC





PNT Makes the World Go Around: The UK's New Alternative PNT Strategy

Measures under the new UK strategy for ensuring the continuity of PNT services include the elaboration of a comprehensive crisis plan, to be activated should PNT services become unavailable. This cross-government plan is to be regularly updated, and will include measures for, among other things, identification and implementation of short-term mitigation actions. #UK #PNT

Link: https://insidegnss.com/pnt-makes-the-world-go-around-the-uks-new-alternative-pnt-strategy/

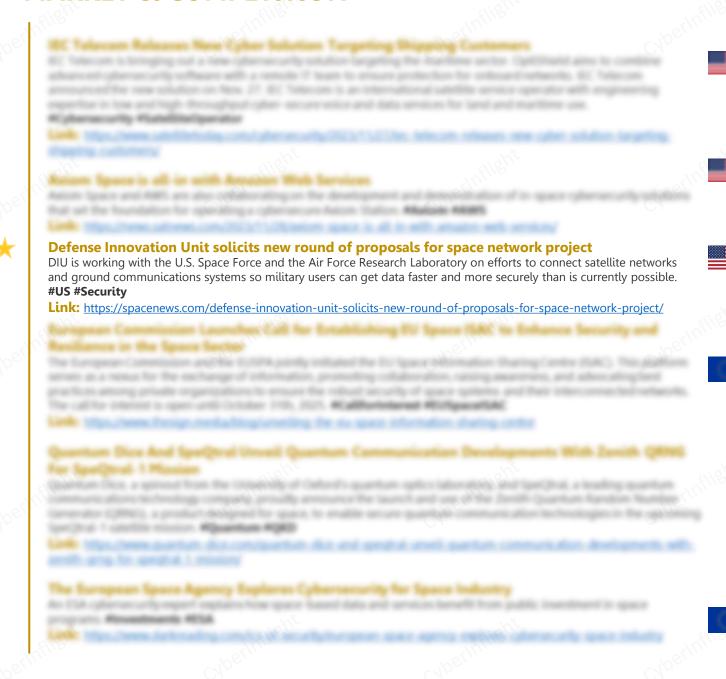








MARKET & COMPETITION



REGULATION



NIST NCCoE Publishes Cybersecurity Framework Profile for Hybrid Satellite Networks

In late September 2023, the US-based National Institute of Standards and Technology (NIST) published its Cybersecurity Framework Profile for Hybrid Satellite Networks, otherwise known as NIST IR 8441. This blog will explore the reasons behind NIST developing the framework, outline its intentions, and summarize its key points. #US #NIST

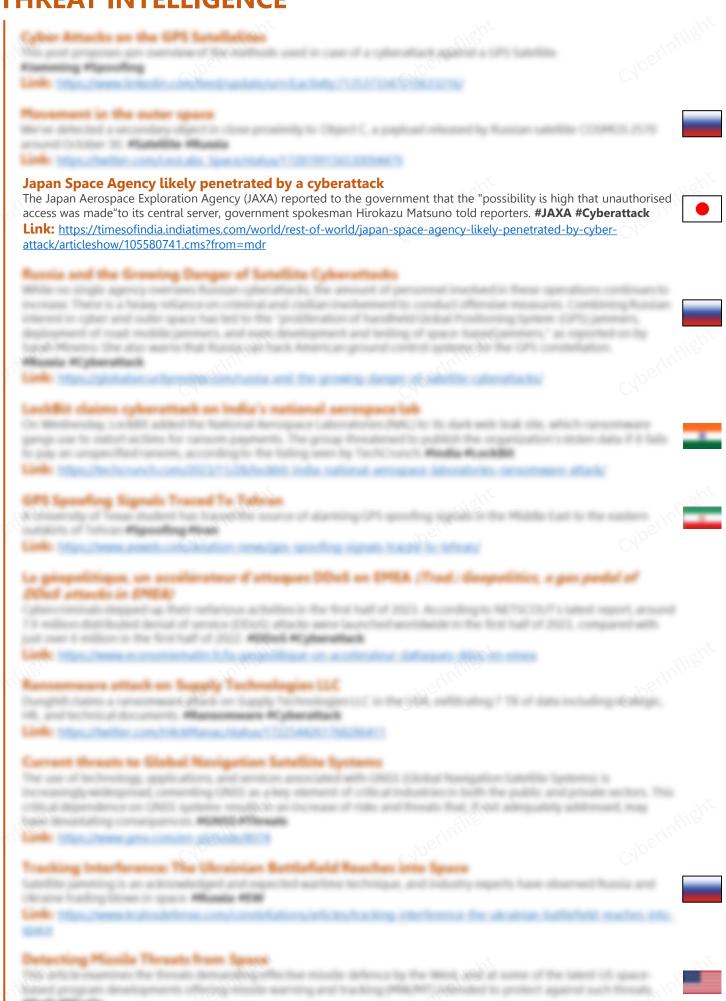
Link: https://www.tripwire.com/state-of-security/nist-nccoe-cybersecurity-framework-hybrid-satellite-networks





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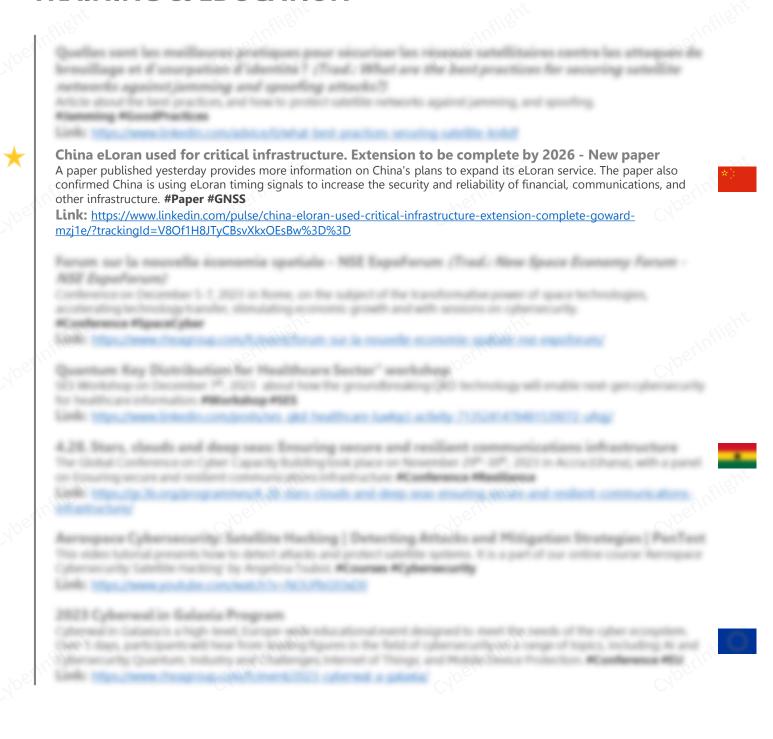
THREAT INTELLIGENCE





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TRAINING & EDUCATION



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: research@cyberinflight.com

