Timeframe: Weekly

CyberInflight

of articles identified: 34

Est. time to read: 1h15min

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SPACE CYBERSECURITY WEEKLY WATCH

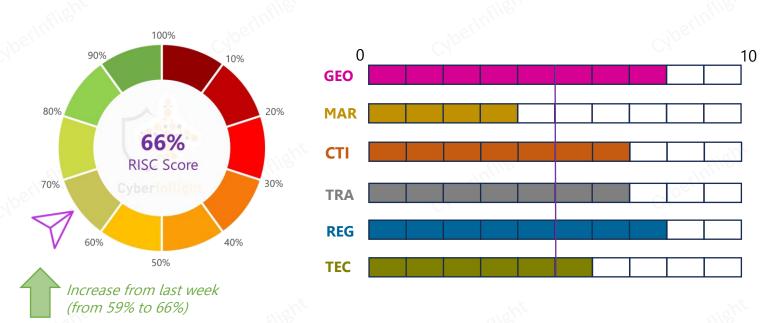
Week 47

November 14 – 20, 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.



Overview & RISC Score



This week's RISC Score is 66%. This is due in particular to Europe's recognition of the strategic value of the domain, by endorsing a common strategy for defense of space assets. This boost in regulation of the space domain continues this week with the publication by US STARCOM of its latest Space Doctrine Publication SDP 3-100, Space Domain Awareness which is the first operational level doctrine publication developed by STARCOM for the U.S. Space Force. On the market front, Airbus and TNO join the consortium formed by SES for the EAGLE-1 mission to develop a quantum secure space-based system. No attacks were listed this week, but several interesting articles on jamming and how it's being used by Russia and the US are available in this watch. The call for paper is open for the 2024 Security for Space Systems (3S) conference organized by ESA. Prospective authors are invited to submit high-quality papers reporting original results under the broad theme of security space systems. Finally, on the technology front, this week Quantum Space unveiled the company's Sentry mission, the first in a series of milestone demonstrations to prove out end-to-end communications and data generation capabilities.



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GEOPOLITIC



Spazio, ok del Consiglio Ue alla strategia Security & Defence (Trad.:Space, EU Council OKs Security & Defence strategy)

Strategic value of the sector recognized. "Europe must know how to meet current and future challenges." Here's what's new. The goal is to improve the use of Space for security and Defense purposes by better integrating the space dimension into the planning and conduct of Common Security and Defense Policy missions and operations, strengthening the EU Satellite Center (Eu SatCen), and developing space services for government use at the EU level, including on the basis of a pilot project proposed by the Commission on a new European governmental Earth observation service. **#EU #SpacePolicy Link:** https://www.spaceconomy360.it/politiche-spazio/spazio-ok-del-consiglio-ue-alla-strategia-security-defence/

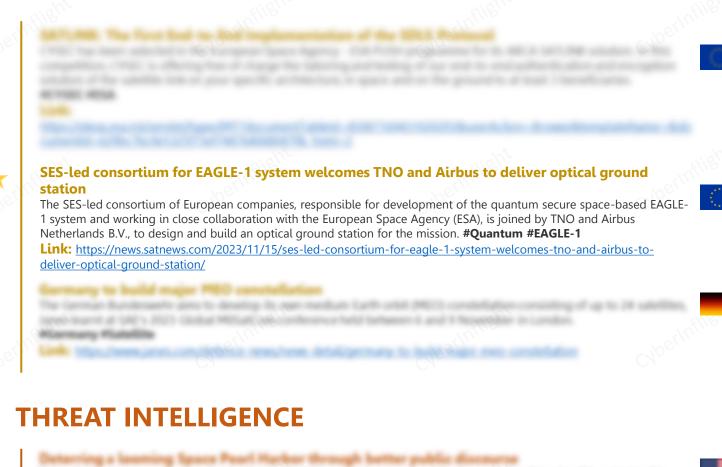








MARKET & COMPETITION





How American Electronics Wound Russian Military

The United States has made significant advancements in electronic technologies, revolutionizing the way military operations are conducted. Their cutting-edge developments have had a profound impact on the capabilities and effectiveness of the Russian military. **#CyberWarfare #EW**

Link: https://citizenside.com/technology/how-american-electronics-wound-russian-military/





TRAINING & EDUCATION



The Sky Is Not the Limit. Geopolitics and Economics of the New Space Race (1) new sport of the SP aloud improves and Lorontoccol the New Space Speciality and to pull

SpaceSec, the Workshop on the Security of Space and Satellite Systems. For others of the 2021 edition of the Spacetec workshop have recently been splicabel, a





TO A MEDIT PROGRAMME SPECIFIC COLUMN TO SERVICE COLUMN TO SERVICE

MARK TAXABLE



Space: Council approves conclusions on the EU space strategy for security and defence

The Council approved conclusions on the first EU Space Strategy for Security and Defence. The Council will follow the implementation of this new strategy by the High Representative and the Commission. **#EU #SpaceStrategy**

Link: https://www.consilium.europa.eu/en/press/press-releases/2023/11/14/space-council-approves-conclusions-on-the-eu-space-strategy-for-security-and-defence/

STARCOM Releases Space Domain Awareness Doctrine Publication

Space Training and Readiness Command (STARCOM) recently released its latest Space Doctrine Publication (SDP), SDP 3-100, Space Domain Awareness – the first operational level doctrine publication developed by STARCOM for the U.S. Space Force. **#STARCOM #Doctrine**

Link: https://www.starcom.spaceforce.mil/News/Article-Display/Article/3589828/starcom-releases-space-domain-awareness-doctrine-publication/





TECHNOLOGY



Quantum Space readies Scout-1 for launch on SpaceX's Transporter-10 mission

Quantum Space has unveiled the company's Sentry mission, the first in a series of milestone demonstrations to prove out end-to-end communications and data generation capabilities — the company is creating a modern, high-speed connectivity network, dubbed QuantumNet, that will deliver always-on, fast connectivity everywhere in deep space, from GEO and cislunar space and well beyond the isolated far side of the moon. **#Quantum #Encryption**

Link: https://news.satnews.com/2023/11/14/quantum-space-readies-scout-1-for-launch-on-spacexs-transporter-10-mission/



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.



