Timeframe: Weekly

of articles identified: 26

Est. time to read: 45 min

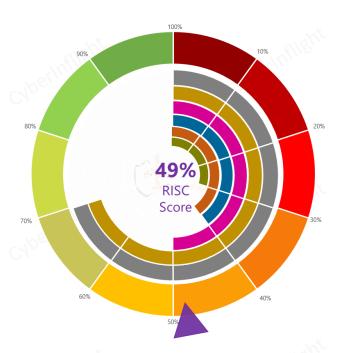
SPACE CYBERSECURITY WEEKLY WATCH

Week 43

October 17 - 23, 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 RISK score is 49%. There are several reasons for this score, including the publication by the UK of a PNT framework to protect critical infrastructures from satellite data disruptions.

Also this week, the USSF expressed its desire for closer collaboration with its allies, particularly in the event of shared threats.

On the market front, SDA signed a contract with SpiderOak to research the use of the company's software to protect ground systems that control military satellites.

ISRO is moving ahead with quantum technologies, with the ambition of creating hack-proof satellite communication, based on QKD or Quantum cryptography.

As for the threat intel this week, a second Russian Luch/Olymp satellite is now trailing Western systems in orbit.

Finally, the VOSS conference, organized by Space ISAC from October 17 to 20, highlighted the value of satellites as crucial infrastructure that forms the backbone of the modern digital economy and enables services critical for everyday life.





GEOPOLITIC



U.S. Space Force seeks to work closer with allies in face of shared threats



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The procurement arm of the U.S. Space Force is making a major push to work more closely with allies abroad and is pressing the Pentagon to adjust classification policies to allow for more open sharing of information with trusted international partners. In this effort, for the first time, the U.S. will sell a satellite jammer known as Counter-Communications System to Australia. #USSF #Allies

Link: https://spacenews.com/u-s-space-force-seeks-to-work-closer-with-allies-in-face-of-shared-threats/

MARKET & COMPETITION



Space Development Agency to evaluate SpiderOak cybersecurity software



The cybersecurity firm SpiderOak has signed an agreement with the U.S. Space Development Agency to research the use of the company's software to protect ground systems that control military satellites. **#SDA #SpiderOak**

Link: https://spacenews.com/space-development-agency-to-evaluate-spideroak-cybersecurity-software/

TECHNOLOGY



How India plans to make satellite communication hack-proof



The Indian Space Research Organisation (ISRO) aims to launch a satellite with ultra-secure quantum communication capabilities. The system is expected to be impenetrable by hackers. The satellite, based on Quantum Key Distribution (QKD) or quantum cryptography, will contribute to the creation of a communication network, which connects quantum computers processing information in unison. The agency is yet to announce a launch date. **#ISRO #QKD**

Link: https://www.nature.com/articles/d44151-023-00155-4





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TRAINING & EDUCATION

Exa's Cyber Security Industry Day At ESOC (in October 14, 2021, 104 all hors as industry Day at apparturity for economic operators, both large comp



Space industry group turns up volume on satellite vulnerabilities

The Plan The Roser hashing cylindraus held on 17 Cotabor at 15th cross) collaboration with Fraucholm 15th and 47mHell Conto. In goal was to been

This article discusses the damantic SECCRE producings and its east

VORCE's Fight Against Space Cylor Threats

As the ruptilers and tiggers of space actions increase, the impo-

the artifacting speech at the filth CV SN con-

domentals: The key to unlooking the potent

The Space ISAC held a conference Oct. 17 in Colorado Springs to highlight the value of satellites as crucial infrastructure that forms the backbone of the modern digital economy and enables services critical for everyday life. **#VOSS #SpaceISAC**



Link: https://spacenews.com/space-industry-group-turns-up-volume-on-satellite-vulnerabilities/

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REGULATION



Critical services to be better protected from satellite data disruptions through new Position, Navigation and Timing framework

Sectors relying on Position, Navigation and Timing (PNT) satellite information such as emergency services and banks will be given added resilience through a new framework unveiled by Science Minister George Freeman. #UK #PNT

Link: https://www.gov.uk/government/news/critical-services-to-be-better-protected-from-satellite-data-disruptions-through-new-position-navigation-and-timing-framework



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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