



SPACE CYBERSECURITY WEEKLY WATCH

Week 6

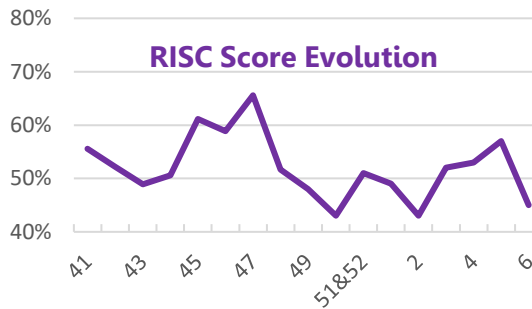
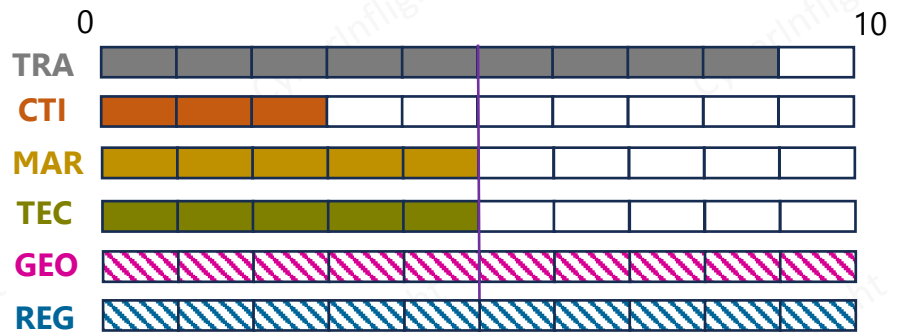
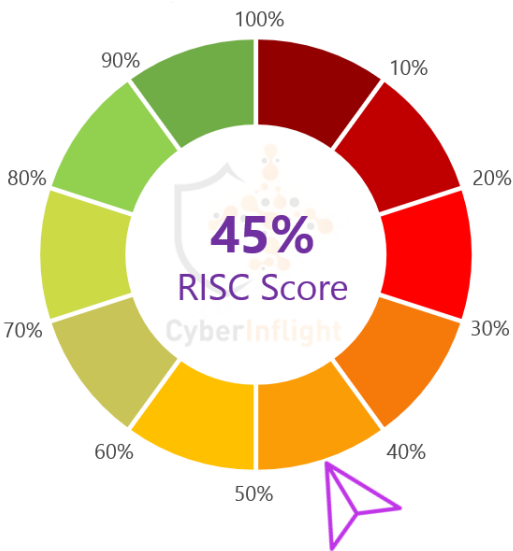
February 6 - 12, 2024

Timeframe : Weekly
of articles identified : 17
Est. time to read : 30 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.

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

Overview & RISC Score



After a period of increase since W3, there has been an decrease this week.

↓ Decrease from last week (from 57% to 45%)

This week's RISC Score is 45%. This week, CyberInflight took part in the panel organized by Belpo on "Cyber Resilience in Space Workshop: Mapping Challenges, Forging Resilience". Also on the market, the 16th US Air Force announced that it is partnering with Space Operations Command (SpOC) in order to integrate space-based capabilities into all of its warfighting operations. Through the agreement, SpOC will send liaison officers to 16th Air Force and the two organizations will seek a greater understanding of how to defend space assets from cyber attacks. Regarding the threat intelligence front, Bangladesh Civilian Force allegedly launched a cyberattack on India's National Space Agency (ISRO) email system. Moreover, French Cybersecurity Agency (ANSSI), with its German, Swedish and Dutch partners, published a technical summary document on quantum key distribution (QKD). This publication is aimed at a wide audience and is intended to help decision-makers and policy-makers make an informed judgement on its potential and its limitations. Finally, registrations for the CYSEC Qatar 2024 Summit, that will take place in Doha, are now open.



CYBERINFLIGHT'S NEWS



Cyber Resilience in Space Workshop : Mapping Challenges, Forging Resilience

CyberInflight took part in the panel organized by Belspo on "Cyber Resilience in Space Workshop: Mapping Challenges, Forging Resilience". Here are the two main things to remember from these two conferences.

#CyberResilience #Workshop

Link: https://www.linkedin.com/posts/florent-rizzo-13b54383_cyber-risk-euspace-activity-7161648628728582144-03hb?utm_source=share&utm_medium=member_desktop



TRAINING & EDUCATION

CYSEC Qatar 2024 : Exclusive summit for Top IT, OT & Security leaders

Registrations for the CYSEC Qatar 2024 Summit are now open. This year, the 8th global edition will unfold in Doha, Qatar. This gathering provides a platform for leaders and experts in the Cyber and IT security industry to engage in essential discussions on pressing cybersecurity challenges and explore the latest innovations shaping the global cybersecurity landscape. #CYSECQatar #Summit

Link: <https://theycyberexpress.com/cysec-qatar-2024-summit/>



New ESA ensures cybersecurity in space

To protect operational capabilities and ensure robust and resilient operations in a changing geopolitical world, ESA is implementing a cutting-edge cybersecurity strategy. #ESA #Space #Cybersecurity

Link: https://www.esa.int/ESA_Media/Press_Releases/24_001



Interview with Hiroshi Gushi, Chief Information Security Officer, Akiyama

This interview with Hiroshi Gushi, Chief Information Security Officer of Akiyama, addresses the importance of balancing business agility and challenges with the protection of critical societal infrastructure among other considerations. #Akiyama #Interview

Link: <https://www.cyberinflight.com/news/2024/02/06/interview-with-hiroshi-gushi-chief-information-security-officer-akiyama>

Sticky Fingers : Resilience of satellite fingerprinting against jamming attacks

In the wake of increasing numbers of attacks on satellite communication systems, a range of techniques are being deployed to increase the security of these systems. One such technique is satellite fingerprinting, which the transmitter can be identified and authenticates itself by sharing small hardware differences embedded in the signal. #ResearchPaper #Fingerprinting

Link: <https://www.cyberinflight.com/news/2024/02/06/sticky-fingers-resilience-of-satellite-fingerprinting-against-jamming-attacks>

Navigating Starlink's Future : addressing cybersecurity risks amidst technological advancements
In recent years, the emergence of innovative technologies has reshaped the landscape of connectivity and communication. One such advancement that has garnered significant attention is Starlink, a satellite internet constellation project developed by SpaceX. #Starlink #Space #Cybersecurity

Link: <https://www.cyberinflight.com/news/2024/02/06/navigating-starlinks-future-addressing-cybersecurity-risks-amidst-technological-advancements>



Space Calls Radio - EUSPA Hot Series Ep 02 - Understanding EUSPA TCOM with Dr. Georgios Symeonidis

The episode features the participation of Dr. Georgios Symeonidis, EUSPA TCOM program manager at EUSPA, who will be joined by Dr. Elena Gallo, Editor in Chief of SpaceWatch Global. The discussion will focus on the importance of EUSPA TCOM in providing secure satellite communications for governmental users in various scenarios, including crisis management and critical infrastructure support. #EUSPA #TCOM #Podcast

Link: https://www.esa.int/ESA_Media/Press_Releases/24_001



Cyber Threats on Space Assets

In this discussion on the space cybersecurity landscape and zero trust protection, February 07.

Link: <https://www.cyberinflight.com/news/2024/02/07/cyber-threats-on-space-assets>

Hack Space Can : Interrupting the Cosmos - Signals Intelligence on Satellite Communication Links
Join us at Hack Space Can 24 for an insightful talk by Angeline Tucker on "Interrupting the Cosmos: Signals Intelligence on Satellite Communication Links". Dive deep into the world of satellite signals decoding, experimental tools and techniques for signals analysis. #Conference #HackSpace24

Link: <https://www.hackspacecan.com/en/intercepting-cosmos-signals-intelligence-satellite-communication-links>





TRAINING & EDUCATION

Space - Securing our entrepreneurial future
Join us for an exciting event that will explore the boundless opportunities in the world of space entrepreneurship. Taking place on **Thu May 19 2024** at the **Technology and Innovation Center (TIC) Conference, Meetings & Events - University of Twente - International Government House**
Link: <https://www.utwente.nl/en/education/learning-and-entrepreneurship/learn/2024/05/19/2024-05-19-01-abstracts>



THREAT INTELLIGENCE

Indian Space Organization Email System, Webmail System and 2 Sub-Server Has Been Taken down by Bangladesh Civilian Force

Bangladesh Civilian Force allegedly launched a cyberattack on ISRO's email system. **#ISRO #Cyberattack**
Link: <https://t.me/bcfOfficialTelegramChannel/1069>



MARKET & COMPETITION

New Department of Air Force partnership brings cyber, space and information units closer

Under a new agreement, Space Operations Command is sending liaison officers to 16th Air Force. The Department of the Air Force is tightening the linkage and relationship between its cyber entity and the Space Force to harden networks against threats and improve operational outcomes. **#SpaceForce #Partnership**

Link: <https://defensescoop.com/2024/02/07/department-air-force-tightens-cyber-space-partnership/>



Wipro announces significant expansion of WiproNet Space 2024 Strategy

WiproNet International Holding Ltd. ("WiproNet"), a global leader in cybersecurity, digital identity, and internet of things (IoT) innovations, today unveiled a significant expansion of its WiproNet Space Strategy for 2024. WiproNet Space is a subsidiary of WiproNet, established in partnership with the first and only satellite and secure solution, integrating connectivity and low power IoT solutions to provide unparalleled connectivity across the globe.

Link: <https://www.wipro.com/press-releases/wipro-announces-significant-expansion-of-wipro-net-space-2024-strategy>



ISAT awarded multimillion dollar defense satellite connectivity project

ISAT Satellite Networks Ltd., a worldwide leader in satellite networking technology, solutions, and services, announced today that the company was awarded a multimillion-dollar defense satellite connectivity project. ISAT's SkyEdge IoT platform and Telemet Wifidome will be supporting the advanced satellite communications capabilities for a leading governmental defense organization. **#ISAT #Space**

Link: <https://www.isat.com/press-releases/isat-awarded-multimillion-dollar-defense-satellite-connectivity-project>



TECHNOLOGY

Cybercore contributes to White House Quantum Security roadblock addressing the Post Quantum Cybersecurity Threat

Cybercore Inc., a leader in post-quantum cryptography (PQC), announced its participation and contribution to the White House Quantum Security Roadblock initiative to consider and help influence the impact from quantum computing on information security. **#Quantum #Cybercore**

Link: <https://www.cybercore.com/press-releases/cybercore-contributes-to-white-house-quantum-security-roadblock-addressing-the-post-quantum-cybersecurity-threat>





TECHNOLOGY

Space Force may launch GPS demonstration satellites to test new tech

The Space Force is exploring options for expanding the capabilities of GPS satellites and is asking companies to propose ideas for delivering low-cost demonstration spacecraft to help test new technology.

Space Systems Command, the service's primary acquisition organization, is conducting market research to define its concept for a constellation of GPS demonstration satellites. #SpaceForceGPS

Link: <https://www.defensetimes.com/article/Space-Force-may-launch-gps-demonstration-satellites-to-test-new-tech>



The use and limits of quantum key distribution

ANSSI, with its German, Swedish and Dutch partners, are publishing a position paper on QKD (quantum key distribution), a technology that is receiving a great deal of attention, sometimes claiming unprecedented levels of security against attacks from both classical and quantum computers. #ANSSI #Quantum

Link: <https://cyber.gouv.fr/en/actualites/uses-and-limits-quantum-key-distribution>



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