SPACE CYBERSECURITY WEEKLY WATCH

Week 50

December 5 – 11, 2023

Timeframe : Weekly

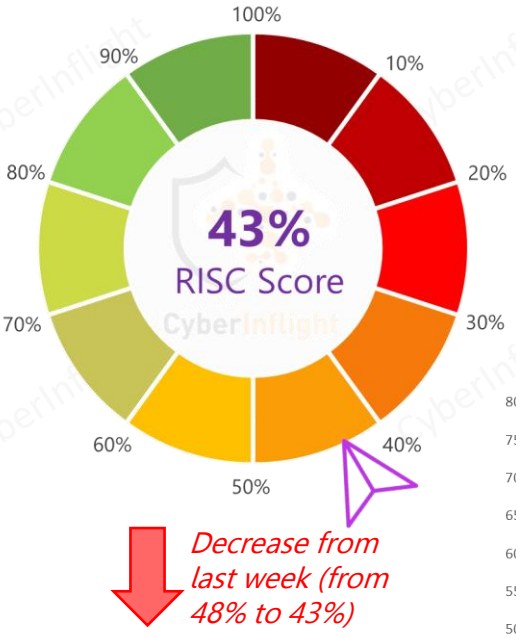
# of articles identified : 27

Est. time to read : 45 minutes

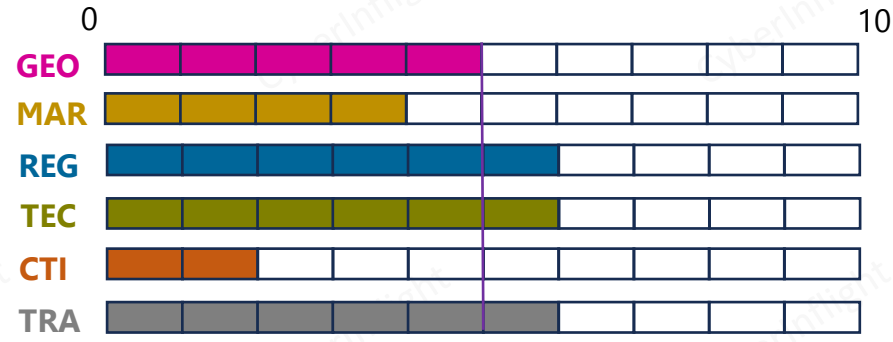
Articles, company's communications, whitepapers, academic works, podcast, and sources not to be missed on the topic of space cybersecurity over a specified timeframe.

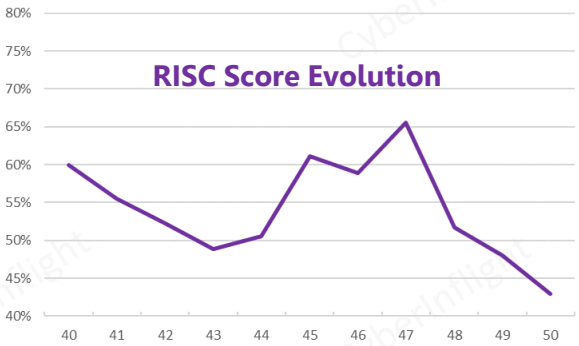
- GEOPOLITIC
- MARKET & COMPETITION
- REGULATION
- TECHNOLOGY
- THREAT INTELLIGENCE
- TRAINING & EDUCATION
- IMPORTANT NEWS

Overview & RISC Score



Decrease from last week (from 48% to 43%)





There was a peak for W47, which had a RISC Score of 66%, the highest of the year so far.

This week's RISC Score is 43%. This week, a majority of news related to threat intelligence were reported. Most of these concern spoofing and jamming, as well as electronic warfare. Two news caught more attention, one concerning ESA, which is going to expand its security measures, and a cyberattack on NASA. With the end of the year approaching, the Senate and House Armed Services Committees unveiled a final National Defense Authorization Act that includes several space policy and spending decisions impacting the military space and commercial space sectors. On the regulatory front, this week ESA launched a public consultation on the second batch of policy mandates under the Digital Operational Resilience Act (DORA). Responses are open until March 4, 2024. On the technological front, the SDA, in partnership with the US Army, is working on new options for satellite-based positioning, navigation and timing as alternatives to GPS. Finally, a webinar organized by EUSPA will take place on December 12, 2023, to present the secure Satellite Communications in the European Union.

GEOPOLITIC

Is Europe's new satellite initiative already outdated?
Article about the European satellite constellation IRIS2 and the risk of it being overtaken before it launches. #EU #IRIS2
Link: https://www.politico.eu/sponsored-content/is-europes-new-satellite-initiative-already-outdated/

Lawmakers unveil 2024 defense authorization bill with space priorities

The Senate and House Armed Services Committees unveiled a final National Defense Authorization Act conference agreement late Dec. 6 that includes several space policy and spending decisions impacting the military space and commercial space sectors. **#2024NDAA #US**
Link: https://spacenews.com/lawmakers-unveil-2024-defense-authorization-bill-with-space-priorities/

US, Japan, South Korea step up efforts to counter North Korean cyber threats
The United States, South Korea and Japan have agreed on new efforts to respond to North Korea's threats in cyberspace, according to national security advisers from the three countries meeting in Seoul. #Cybersecurity #NorthKorea
Link: https://www.aljazeera.com/news/2023/12/5/us-japan-south-korea-launch-new-efforts-to-counter-n-korea-cyber-threats

U.S. Space Force activates new unit to support operations in Europe and Africa
The U.S. Space Force on Dec. 4 officially activated its first component dedicated to both Europe and Africa. The new unit, known as U.S. Space Forces Europe and Africa, will support U.S. European Command (EUCOM) and U.S. Africa Command (AFRICOM). #Africa #Europe
Link: https://spacenews.com/u-s-space-force-activates-new-unit-to-support-operations-in-europe-and-africa/

MARKET & COMPETITION

UK mulls next-gen satellite subsidies for Brit companies
The program was unveiled by UK government earlier this year as a scheme to fund development of the next generation of satellite communications hardware, an area where Britain has some notable strengths. #UKSA #Funding
Link: https://www.theregister.com/2023/12/11/uk_gov_seeks_approval_for/

REGULATION

ESAs launch joint consultation on second batch of policy mandates under the Digital Operational Resilience Act

The European Supervisory Authorities (EBA, EIOPA and ESMA – the ESAs) launched today a public consultation on the second batch of policy mandates under the Digital Operational Resilience Act (DORA). **#EU #Consultation**
Link: https://www.esma.europa.eu/press-news/esma-news/esas-launch-joint-consultation-second-batch-policy-mandates-under-digital

TECHNOLOGY

Space Development Agency, Army cooperating on alternates to GPS sat signals

The Space Development Agency is now working with the Army to explore new options for satellite-based positioning, navigation and timing (PNT) as alternatives to GPS, according to SDA Director Derek Tournear **#SDA #GPS**
Link: https://breakingdefense.com/2023/12/space-development-agency-army-cooperating-on-alternates-to-gps-sat-signals/

'Off to the races': DARPA, Harvard breakthrough brings quantum computing years closer
Widespread quantum computing may now come years sooner than widely expected, thanks to a Pentagon-funded project with implications for everything from rapid vaccine development and weather forecasting to cyber warfare and codebreaking. #Quantum #DARPA
Link: https://breakingdefense.com/2023/12/off-to-the-races-darpa-harvard-breakthrough-brings-quantum-computing-years-closer/

THREAT INTELLIGENCE

ESA sleutelt aan security, nu ook de ruimte vatbaar is voor cybercrime *(Trad.: ESA tinkers with security as space also susceptible to cybercrime)*

The current commercialization of European space brings new challenges, including in the area of cybersecurity. European space agency ESA is therefore going to expand its security measures, Dr. Daniel Fischer, Head of Ground Segment System and Cybersecurity Engineering at ESA recently announced at a conference in Tallinn. **#ESA #SecurityMeasures**

Link: https://www.techzine.nl/nieuws/security/535760/esa-sleutelt-aan-security-nu-ook-de-ruimte-vatbaar-is-voor-cybercrime/

THREAT INTELLIGENCE

[redacted]

[redacted]

PASSION BOTNET V2 targets the website of NASA

The post states that the PASSION BOTNET V2, a threat actor, has targeted the website of NASA. It provides proof of downtime for the website and includes a link to a report confirming the downtime. The post was published on Telegram and is categorized as a DDoS attack. The victims of this attack are NASA, with the website data.nasa.gov being affected. The industry affected by this attack is Aviation & Aerospace, and the country targeted is the USA. **#DDoS #NASA**

Link: https://t.me/PASSIONBOTNETV2/91

TRAINING & EDUCATION

[redacted]

Euspa Presents Secure Satcom Market And User Technology Report In Landmark Event On December 12th, 10:00 – 12:00 CET"

The upcoming webinar on December 12th from 10:00 to 12:00 CET, is gonna present the secure Satellite Communications (SATCOM) in the European Union. This session promises to unravel market opportunities, unveil technological trends, and provide insights into the innovative advancements driving the secure SATCOM landscape. **#Webinar #SATCOM**

Link: https://www.nereus-regions.eu/2023/12/06/euspa-presents-secure-satcom-market-and-user-technology-report-in-landmark-event-on-december-12th-1000-1200-cet/

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