SPACE CYBERSECURITY WEEKLY WATCH

Week 26

June 25 – July 1, 2024

Timeframe : Weekly

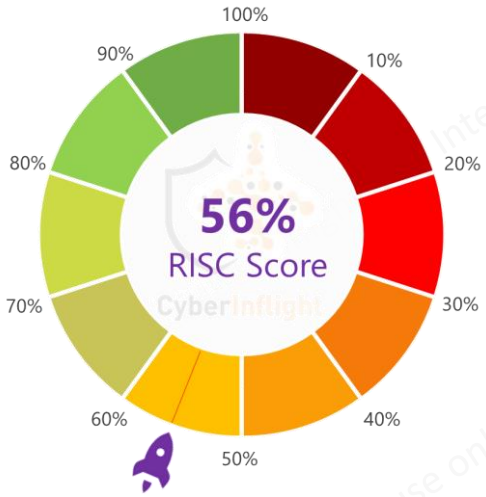
# of articles identified : 36

Est. time to read : 60 minutes

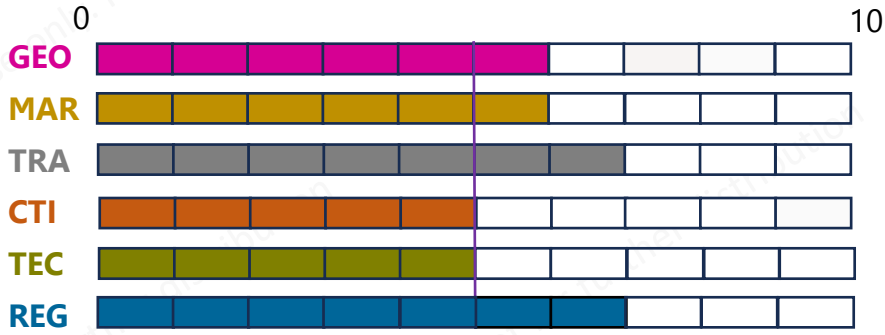
Articles, company's communications, whitepapers, academic works, podcast, and sources not to be missed on the topic of space cybersecurity over a specified timeframe.

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

Overview & Resilience Index for Space Cybersecurity (RISC)



A 3 % decrease from last week (from 59% to 56%)



RISC Score Evolution

After declining from W18 to W20, as well as in W23 and W24, the RISC score (the tool assessing space cybersecurity resilience) struggled to recover. And after a slight increase last week, the RISC is back down again.

This week's RISC score is 56%. This week, Our CEO Florent RIZZO attended "Les Assises du NewSpace" on June 25 and 26 in Paris. The conferences held during this event covered topics related to space innovation, its European development, as well as its economics and financing, with the contributions of many experts in the field. On the geopolitical front, the US Space Command is gearing up for a possible Russian satellite attack in light of the "co-planar" spacecraft that Russia has positioned to monitor US satellites. On another front, PSIONIC released SurePath, a technology designed to protect against Radio Frequency Interference and jamming. This new laser-based sensor, equipped with a proprietary navigation filter, uses real-time velocity vectors to correct Inertial Measurement Unit sensor errors, and the undetectable velocimeter can't be spoofed or jammed. On the regulation front, the International Telecommunications Union studied Ukraine and European countries' complaints about satellite interference that has affected navigation services and television shows. On another news, the Space ISAC and the Australian Cyber Collaboration Center (Aus3C) signed a memorandum of understanding to promote a global approach toward space cybersecurity. Space ISAC continues to expand its presence in markets around the world. On the threat front, Luch 2, a Russian spy satellite, is on the move again with an unusual maneuver. Lastly, a paper entitled "Russian offensive campaign assessment" published by Institute for the Study of War, reports several GPS interferences in Europe and the Middle East.

CYBERINFLIGHT'S NEWS

Les Assises du NewSpace – Season 3

Our CEO, Florent RIZZO, attended the event : Les Assises du NewSpace - Season 3. This event, bringing together the main players in the French New Space sector, took place at the CNIT Forest in Paris La Défense on June 25 and 26. The conferences held during this event covered topics related to space innovation, its European development, as well as its economics and financing, with contributions of many experts in the field. **#Assises #NewSpace**

Link: https://lesassisesdunewspace.org/

GEOPOLITIC

[redacted]

US Space Command ready for potential Russian satellite attack

US Space Command is preparing for the possibility of Russia targeting American satellites in orbit. General Stephen Whiting, head of US Space Command, commented on recent reports indicating that Russia has deployed "co-planar" spacecraft positioned to monitor US satellites. **#USSC #Russia**

Link: https://spacenews.com/u-s-space-command-ready-for-potential-russian-satellite-attack-general-says/

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TECHNOLOGY

PSIONIC's SurePath velocity sensor protects against Radio Frequency Interference (RFI), jamming

PSIONIC is taking a different approach to Radio Frequency Interference (RFI) and jamming mitigation. The company's new laser-based sensor, SurePath, features a proprietary navigation filter that uses real-time velocity vectors to correct Inertial Measurement Unit (IMU) sensor errors. According to the company, the undetectable velocimeter can't be spoofed or jammed. **#PSIONIC #SurePath**

Link: https://insidegnss.com/psionics-surepath-velocity-sensor-protects-against-rf-interference-jamming/

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MARKET & COMPETITION

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Space ISAC broadens its reach into Australia

The Space ISAC continues to make its presence felt in markets worldwide. It has signed a new memorandum of understanding with the Australian Cyber Collaboration Center (Aus3C) as it looks to foster a global approach towards space cybersecurity. **#SpaceISAC #Aus3C**

Link: https://www.satellitetoday.com/cybersecurity/2024/06/26/space-isac-broadens-its-reach-into-australia/

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TRAINING & EDUCATION

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Russian offensive campaign assessment
This paper reports that military and civilian flights continue to experience GPS interference over Europe and the Middle East, highlighting the role of long-term GPS jamming in ongoing and future conflicts. **#GPS #Jamming**
Link:https://www.understandingwar.org/sites/default/files/Russian%20Offensive%20Campaign%20Assessment%2C%20June%2030%202024.pdf

REGULATION

[redacted]

UN body review allegations of Russian satellite interference

The International Telecommunications Union (ITU) is reviewing a series of complaints this week from Ukraine and European countries about satellite interference that have affected navigation services and television shows. Ukraine's complaint to the UN body asks to "take all possible measures to stop interventions of the Russian Federation".

#ITU #Russia

Link: https://www.straitstimes.com/world/europe/un-body-reviews-allegations-of-russian-satellite-interference

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THREAT INTELLIGENCE

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Russian spy satellite reportedly continues suspicious maneuvers

A Russian spy satellite known as Luch 2 is on the move again, continuing its pattern of unusual maneuvers. It has been positioning itself near several communications satellites in what appears to be an ongoing signal-intelligence gathering mission. Luch 2 is expected to perform an additional maneuver to stop its drift near Intelsat 1002 if it continues its past pattern of behavior. **#LuchOlymp2 #Russia**

Link: https://spacenews.com/russian-spy-satellite-reportedly-continues-suspicious-maneuvers/

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