



SPACE CYBERSECURITY WEEKLY WATCH

Week 12

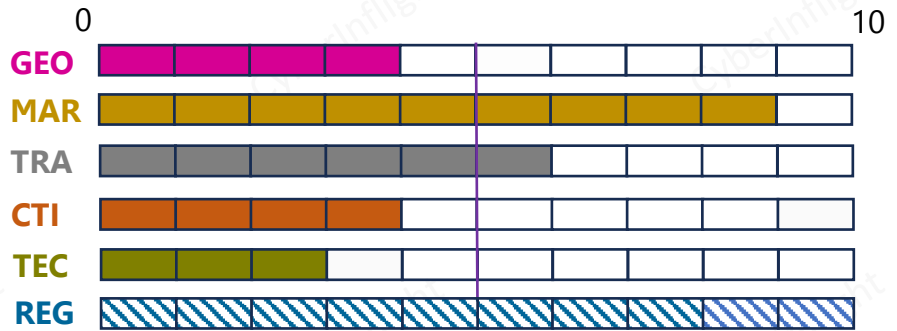
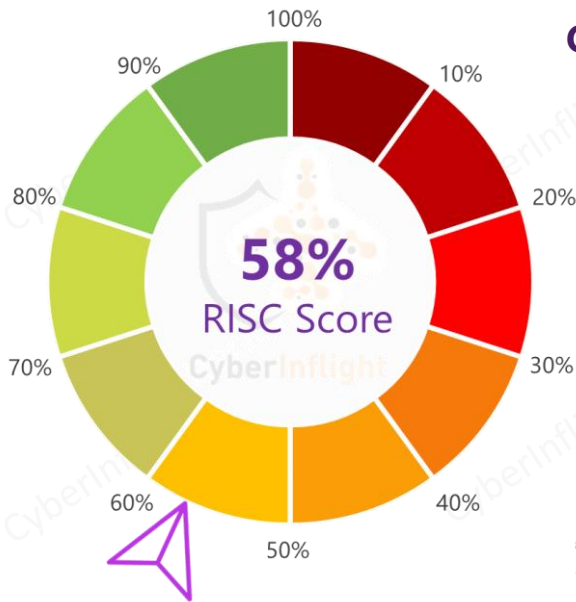
March 19 - 25, 2024

Timeframe : Weekly
of articles identified : 29
Est. time to read : 45 minutes

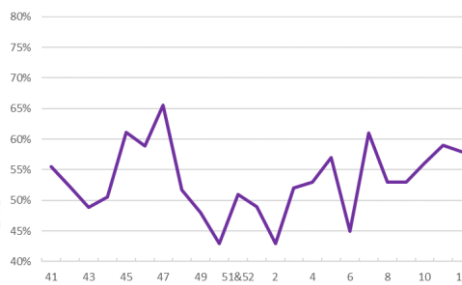
Articles, company's communications, whitepapers, academic works, podcast, and sources not to be missed on the topic of space cybersecurity over a specified timeframe.

- **GEOPOLITIC**
- **MARKET INTELLIGENCE**
- **TRAINING & EDUCATION**
- **THREAT INTELLIGENCE**
- **TECHNOLOGY**
- ★ **IMPORTANT NEWS**

Overview & RISC Score



RISC Score Evolution



After a rising period since the start of 2024, W6 has shown a decrease, W7 has shown an increase followed by a decrease for W8. Since W9 there has been an increase except for this week with a little decrease of only 1%.

↓ **Decrease from last week (from 59% to 58%)**

This week's RISC score is 58%. This week, an article was published about the increasing Russian's tendency to use Starlink satellite systems in their fight against Ukraine, describing how it is a great threat to Kyiv. ESA has signed contracts with several European companies for an overall amount of €233m, to develop Genesis and a LEO-PNT demonstrator. These missions will keep Europe at the forefront of worldwide satellite navigation. In addition, Air Force and Space Force collaborate through the Air & Space Force Association's Cyber Patriot Program, an initiative designed to introduce the cybersecurity profession to students. The company Send Solutions has engineered an add-on to its Airtext+ Iridium satcom that can identify and report GPS jamming or spoofing, and help pilots stay on the proper track when such incidents cause faulty navigation inputs. Finally, the Russian government is once again threatening to target SpaceX's Starlink network, on a report that the company is building hundreds of spy satellites for the US government. The classified project is part of SpaceX's Starshield program.



GEOPOLITIC

China deploys network of satellites to monitor military movements in Australia

China has deployed a network of satellites to monitor military movements in Australia, according to a report by the Australian government. The satellites are part of a larger program to track Chinese military activities in the region.

[Link: https://www.reuters.com/technology/space/china-deploys-satellite-network-monitor-military-movements-australia-2024-03-19/](#)



Russian troops are increasingly using Starlink, costing Ukraine a key advantage

Russian troops are increasingly using Starlink satellite systems in their fight against Ukraine, research by the German daily newspaper WELT reveals. In one intelligence center, soldiers presented evidence of Russia's increased Starlink usage and described the dramatic consequences for Kyiv. #SecureCommunication #Starlink

Link: <https://www.businessinsider.com/russian-troops-using-starlink-costing-ukraine-a-tactical-advantage-2024-3>



MARKET & COMPETITION

USA and UK join forces to boost innovation in satellite & mobile communication

The USA and UK have joined forces to boost innovation in satellite and mobile communication. The partnership aims to accelerate the development of next-generation satellite and mobile networks.

[Link: https://www.reuters.com/technology/space/usa-uk-join-forces-boost-innovation-satellite-mobile-communication-2024-03-19/](#)



India's ISRO Space Mission Success potential issues in 2024 satellite & mobile in US

India's ISRO Space Mission Success potential issues in 2024 satellite & mobile in US. The mission is expected to face several challenges, including technical issues and competition from other space agencies.

[Link: https://www.reuters.com/technology/space/indias-isro-space-mission-success-potential-issues-2024-satellite-mobile-us-2024-03-19/](#)



India and Japan launch joint satellite navigation satellite collaboration

India and Japan have launched a joint satellite navigation satellite collaboration. The partnership aims to enhance the accuracy and reliability of satellite navigation systems in the region.

[Link: https://www.reuters.com/technology/space/india-japan-launch-joint-satellite-navigation-satellite-collaboration-2024-03-19/](#)



ESA awards Israel and US \$75 million for Navigation II

ESA has awarded Israel and the US \$75 million for Navigation II. The funding is intended to support the development and launch of navigation satellites for the FutureNAV program.

[Link: https://www.reuters.com/technology/space/esa-awards-israel-us-75-million-navigation-ii-2024-03-19/](#)



ESA kicks off two new navigation missions

ESA has signed contracts with several European companies for an overall amount of 233 million euros to develop Genesis and a LEO-PNT demonstrator, two new missions within the FutureNAV program that will keep Europe at the forefront of worldwide satellite navigation. #ESA #FutureNAV

Link: <https://news.satnews.com/2024/03/20/esa-kicks-off-two-new-navigation-missions/>



France Signs Space with European Space Agency's new 2024-2027 work programme

France has signed a new work programme with the European Space Agency (ESA) for the years 2024-2027. The program focuses on advancing space exploration and satellite technology.

[Link: https://www.reuters.com/technology/space/france-signs-space-work-programme-european-space-agency-2024-2027-2024-03-19/](#)





TRAINING & EDUCATION



Air Force, Air & Space Force association collaborate to promote cybersecurity

Airmen from the 75th Communications and Information Directorate recently participated in the Air & Space Force Association's Cyber Patriot Program, an initiative designed to introduce the cybersecurity profession to students. Master Sgt. Jarred Dirito, Airman 1st Class Kaeli Schiff and Senior Airman Rafael Morales were among the airmen from Hill Air Force Base who have been in touch with students, exposing them to the basics of cybersecurity and computer networking.

#AirForce #SpaceForce

Link: <https://potomacofficersclub.com/news/air-force-and-air-and-space-force-association-collaborate-to-promote-cybersecurity-to-students/>





TECHNOLOGY



Spoof-proofing is Send's new solution

Send Solutions has engineered an add-on to its Airtex+ Iridium satcom that can not only identify and report GPS jamming or spoofing but also help pilots stay on the proper track when such incidents cause faulty navigation inputs. In addition to the Airtex+ and Iridium antenna, Send's Spoof Proof system requires an annunciator, either carried on board as temporary equipment or installed in the flight deck.. **#Spoofing #SendSolutions**

Link: <https://www.ainonline.com/aviation-news/business-aviation/2024-03-19/spoof-proofing-sends-new-solution>



THREAT INTELLIGENCE



Russia again threatens to attack Starlink, citing US spy satellite risk

The Russian government is once again threatening to target SpaceX's Starlink network on a report that the company is building hundreds of spy satellites for the US government. The classified project is part of SpaceX's Starshield program, which leverages the company's Starlink technology for national security purposes. According to Reuters, the US awarded a \$1.8 billion contract to SpaceX to build the low-Earth orbiting satellites, which will be capable of tracking targets on the ground. **#Spoofing #Russia**

Link: <https://www.euronews.com/next/2024/03/13/gps-jamming-by-russia-was-already-a-concern-for-the-nordic-nato-countries-it-may-only-get->



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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