

# SPACE CYBERSECURITY WEEKLY WATCH

Week 32

August 1 - 7, 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**

Timeframe: Weekly

# of articles identified: 28

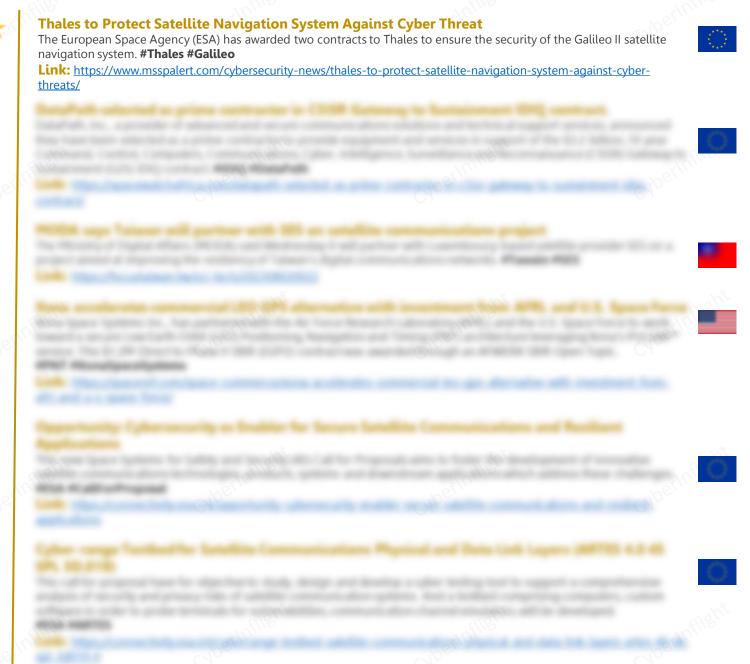
Est. time to read: 45 minutes

This week was marked by the publication of BSI's technical guidelines, "TR-03184 Information Security for Space Systems - Part 1: Space segment". Another major development this week was the introduction in the US of a bill to designate space as a critical infrastructure sector. The Senate Appropriations Committee also approved a \$831 billion defense spending bill for fiscal year 2024. There are still two ESA call for proposals open this week, one being the Space Systems for Safety and Security (4S) Call for Proposals, and the second concerning the Cyberrange testbed for Satellite Communications Physical and Data Link Layers within the ARTES program. Xona Space System was also awarded a contract with the AFRL and the US Space Force. This week, Russia made advances in jamming, targeting Starlink satellites. A paper on satellite security was widely reported this week, including an interview with one of the researchers, who pointed out that "Satellites easier to hack than a Windows device". On the technology front, Orbit Communications Systems launched a new NetShroud+ solution, designed to enhance cybersecurity within ground stations.

## **GEOPOLITIC**







# **REGULATION**



**Publication of BSI Technical Guidline "TR-03184 Information Security for Space Systems - Part 1:** Space segment"

with this Technical Guideline, the BSI would like to provide the user of the guideline with security measures that help to achieve an appropriate level of security for the space segment. Within the framework of the expert group "Information Security for Space Systems" between the BSI and representatives of the German space industry, analyses were carried out in numerous workshops, risks identified and best practices collected, resulting in a comprehensive table that assigns security measures to identified threats for various processes. #BSI

Link: https://www.linkedin.com/posts/manuel-hoffmann-607b4b1a3\_bsi-space-spacesecurity-activity-7092479779752275968-\_2fo?utm\_source=share&utm\_medium=member\_desktop



**TECHNOLOGY** 

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# Orbit Launches the NetShroud+ Solution – New Cyber Security Capability for its Gaia100 Earth Observation Systems

Orbit Communications Systems Inc, a leading global provider of maritime and airborne SATCOM terminals, tracking ground station solutions and mission-critical airborne audio management systems, is proud to announce a major advancement in cybersecurity with the introduction of NetShroud+ for its Gaia100 Earth Observation systems.

#Orbit #Cybersecurity

**Link:** https://www.satcom.digital/news/orbit-launches-the-netshroud-solution-new-cyber-security-capability-for-its-gaia100-earth-observation-systems

### THREAT INTELLIGENCE

### Could Russian Electronic Warfare Systems Mute Ukrainian Starlink?

Reports have popped up suggesting that Starlink has stopped operating in some parts of the Ukraine conflict zone. Earlier in the month a source familiar with the situation told Sputnik that Russia had developed a new electronic warfare (EW) system capable of disrupting spacecraft communications in geostationary orbit. #Russia #Starlink

**Link:** https://www.theinteldrop.org/2023/08/01/could-russian-electronic-warfare-systems-mute-ukrainian-starlink/





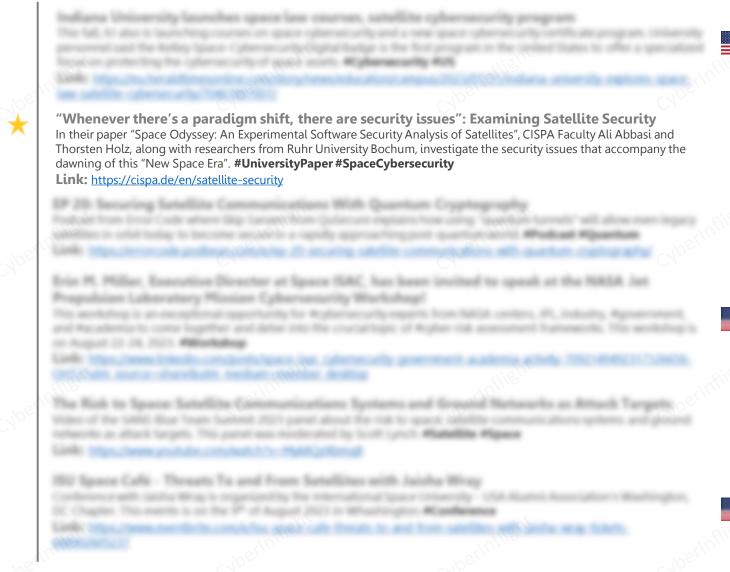


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# THREAT INTELLIGENCE



### TRAINING & EDUCATION



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