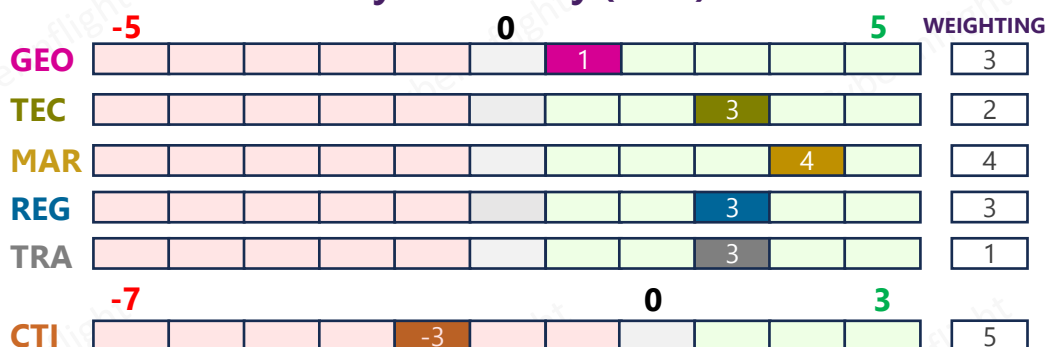
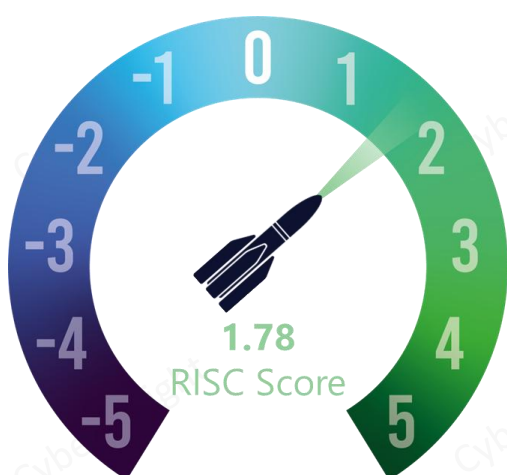


April 22 – 28, 2025

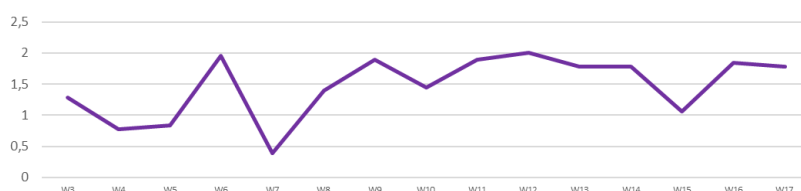
Articles, company's communications, whitepapers, academic works, podcast, and sources not to be missed on the topic of space cybersecurity over a specified timeframe.

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

Overview & Resilience Index for Space Cybersecurity (RISC)



RISC Score evolution in 2025



The RISC score for this watch is 1.78, a little decrease from last week. This difference is due to less geopolitical news. The score itself results from new technologies, alliances, and regulations on the market.

This week's geopolitics news includes the U.S. strategy designed to weave through orbital, electromagnetic, and cyberspace warfare challenges, orchestrating a symphony of defense and offense in zero gravity. On the market side, the Space ISAC has signed a Memorandum of Understanding with the French Space Command during CYSAT USA. It marks a significant step in expanding Space ISAC's global footprint and solidifying its role as a leading international convener in space security and resilience. On the regulation front, drawing on eight years of collected data and analyses, the CSIS threats report describes trends in the development, testing, and use of counterspace weapons. It enables readers to develop a deeper understanding of threats to U.S. national security interests in space. On the threat intel side, quantum computing offers enormous advantages by being able to instantly decipher complex problems that were previously impossible to solve. But this very capability also creates new cybersecurity threats, because powerful quantum computers could undermine traditional data protection mechanisms. On the technical front, the NATO Communications and Information Agency (NCIA) has developed a new prototype sensor and recently completed a key round of testing. Lastly, the Salon International de l'Aéronautique et de l'Espace, better known as the "Paris Air Show," will hold its 55th edition from June 16 to 22, 2025.

GEOPOLITICS



Inside the U.S. Space Force's bold plans to dominate the final frontier

Amidst a star-studded canvas of glittering satellites and mysterious debris, the United States Space Force forges new paths into the realm of space warfare. As cosmic guardians, they stand ready to secure not just the skies we see, but the vast reaches beyond. The USSF unravels its dynamic "Space Warfighting" framework—a strategy designed to weave through the challenges of orbital, electromagnetic, and cyberspace warfare, orchestrating a symphony of defense and offense in zero gravity. **#USSF #Role**

Link: https://salajobrazovanje.co.rs/news_en/inside-the-u-s-space-forces-bold-plans-to-dominate-the-final-frontier/109249/



India's space agency unveils its bold vision for the next generation satellite constellation

India's space agency, ISRO, has unveiled its vision for the next generation satellite constellation, aiming to revolutionize the country's space capabilities and provide a robust infrastructure for various applications. **#ISRO #Satellite**

Link: <https://www.bbc.com/news/technology-67890123>



China's space agency unveils its bold vision for the next generation satellite constellation

China's space agency, CASC, has unveiled its vision for the next generation satellite constellation, aiming to revolutionize the country's space capabilities and provide a robust infrastructure for various applications. **#CASC #Satellite**

Link: <https://www.bbc.com/news/technology-67890123>



Iran's space program is growing stronger despite US sanctions

The Islamic Republic of Iran's space program is growing stronger despite US sanctions, as the country continues to develop its satellite capabilities and launch vehicles. **#Iran #Space**

Link: <https://www.bbc.com/news/technology-67890123>



TECHNOLOGY

SpaceX's Starlink satellite constellation is heading into orbit

SpaceX's Starlink satellite constellation is heading into orbit, marking a significant milestone in the company's mission to provide global internet access. **#SpaceX #Starlink**

Link: <https://www.bbc.com/news/technology-67890123>



India's space agency unveils its bold vision for the next generation satellite constellation

India's space agency, ISRO, has unveiled its vision for the next generation satellite constellation, aiming to revolutionize the country's space capabilities and provide a robust infrastructure for various applications. **#ISRO #Satellite**

Link: <https://www.bbc.com/news/technology-67890123>



China's space agency unveils its bold vision for the next generation satellite constellation

China's space agency, CASC, has unveiled its vision for the next generation satellite constellation, aiming to revolutionize the country's space capabilities and provide a robust infrastructure for various applications. **#CASC #Satellite**

Link: <https://www.bbc.com/news/technology-67890123>



NATO tests new sensor to counter GNSS signal threats

A new prototype sensor, developed by the NATO Communications and Information Agency (NCIA) has recently completed a key round of testing. Developed by experts in the NCIA's Joint Intelligence, Surveillance and Reconnaissance Centre, the GANDALF-4 system is designed to detect, classify, and locate intentional attempts to disrupt or deceive Global Navigation Satellite System (GNSS) signals. **#GNSS #NATO**

Link: <https://www.unmannedairspace.info/counter-uas-systems-and-policies/nato-tests-new-sensor-to-counter-gnss-signal-threats/>



MARKET & COMPETITION

Northwest Space Launch 2025: A new era of space launch begins

Northwest Space Launch 2025 is a series of four launches that will be the first of a new era of space launch. The program is focused on launching small satellite constellations that will be used for a variety of purposes, including Earth observation, communications, and scientific research.

Link: <https://www.nasa.gov/press/2025-04-23/nasa-launches-first-commercial-satellite-constellation/>

India to start testing ISAT

India is set to start testing its Integrated Space and Air Traffic (ISAT) system, which will be used to manage and coordinate the country's growing number of satellites in orbit. The system is expected to be fully operational by the end of the year.

Link: <https://www.isro.gov.in/News-Events/Press-Releases/2025/04/23/ISAT-Testing>



Global space collaboration strengthened with MoU between Space ISAC + French Space Command

The Space ISAC has signed a Memorandum of Understanding with the French Space Command during CYSAT USA, which took place the week of the 40th Annual Space Symposium—this milestone marks a significant step in expanding Space ISAC's global footprint and solidifying its role as a leading international convener in space security and resilience.

#MoU #FrenchSpaceCommand

Link: <https://news.satnews.com/2025/04/23/global-space-collaboration-strengthened-with-mou-between-space-isac-french-space-command/>

France and Belgium form strategic alliance to help enhance data protection and governance

The alliance will combine France's advanced encryption and key management technologies with Belgium's data protection, security, and information management expertise. **#France #Belgium**

Link: <https://www.france24.com/en/france/2025/04/23/france-belgium-strategic-alliance-data-protection/>

Qualcomm, NASA launch joint effort to France space agency to develop ISAT, or launch to French military to develop ISAT, France space agency to develop ISAT, or launch to French military to develop ISAT

Qualcomm and NASA have launched a joint effort with the French space agency to develop ISAT, or launch to French military to develop ISAT, France space agency to develop ISAT, or launch to French military to develop ISAT. The alliance will combine France's advanced encryption and key management technologies with Belgium's data protection, security, and information management expertise. **#France #Belgium**

Link: <https://www.qualcomm.com/news/press/2025/qct042301>

REGULATION

Member states - meeting ISAT and using demands and threats

ISAT has been adopted as a standard for international cooperation to support the development of the new challenges and demands for the international space community. **#ISAT #Space**

Link: <https://www.isro.gov.in/News-Events/Press-Releases/2025/04/23/ISAT-Testing>

New Zealand to have new regulations for space related infrastructure by July

New Zealand will have new regulations for space related infrastructure by July. The regulations will be used to manage and coordinate the country's growing number of satellites in orbit. The system is expected to be fully operational by the end of the year.

Link: <https://www.nzta.govt.nz/infrastructure/space/2025/04/23/new-zealand-space-infrastructure-regulations/>



Space threat assessment 2025

This resource for policymakers and the public leverages open-source information to assess key developments in foreign counterspace weapons. Drawing on eight years of collected data and analyses, this report describes trends in the development, testing, and use of counterspace weapons and enables readers to develop a deeper understanding of threats to U.S. national security interests in space. **#Report #CSIS**

Link: <https://www.csis.org/analysis/space-threat-assessment-2025>

REGULATION

Ready for launch: a space cybersecurity readiness for Trump 2.0

Space is a hot priority within the Trump administration, and a cybersecurity strategy centered by Donald Trump's administration is being developed. The strategy will focus on the U.S. and other space-faring nations, with a goal of ensuring the U.S. and other space-faring nations maintain a competitive advantage. [Read More](#)

[Link: https://www.spacepolicyjournal.com/ready-for-launch-a-space-cybersecurity-readiness-for-trump-2-0/](#)



THREAT INTELLIGENCE



Are we ready for new cyber-threats in the quantum era?

Quantum computing offers enormous advantages by being able to instantly decipher complex problems that were previously impossible to solve. But this very capability also creates new threats to cybersecurity, because powerful quantum computers could undermine traditional data protection mechanisms. **#Quantum #Cyber**

Link: <https://balticword.com/are-we-ready-for-new-cyber-threats-in-the-quantum-era/>

US Cybersecurity Cybersecurity (US) investigation (US) linked breach of US networks

The US has issued a joint report on cyber threats, including an ongoing cyber campaign targeting US government and military networks. The report attributes the campaign to a group of hackers known as the "US Cyber Threat Center" (USCTC). [Read More](#)

[Link: https://www.cyberinflight.com/2025/04/22/us-cyber-threat-center-usctc-linked-breach-of-us-networks/](#)



USCIS joining an India-led border security coalition in electronic warfare with spying

Recent reports of USCIS joining the India-led border security coalition in the Indian and Pacific regions indicate that the US and India are working together to enhance electronic warfare capabilities. The coalition is focused on detecting and disrupting cyber threats to border security. [Read More](#)

[Link: https://www.cyberinflight.com/2025/04/22/uscis-joining-an-india-led-border-security-coalition-in-electronic-warfare-with-spying/](#)



USCIS disruption and satellite communication are hallmarks of modern warfare

USCIS disruption and satellite communication are hallmarks of modern warfare, according to a report by the US Cyber Threat Center. The report highlights the importance of these capabilities in detecting and disrupting cyber threats to border security. [Read More](#)

[Link: https://www.cyberinflight.com/2025/04/22/uscis-disruption-and-satellite-communication-are-hallmarks-of-modern-warfare/](#)



TRAINING & EDUCATION

Cybersecurity in space with India's Ministry and India's National Space Research Institute (NSRI) association

USCIS has issued a joint report on cyber threats, including an ongoing cyber campaign targeting US government and military networks. The report attributes the campaign to a group of hackers known as the "US Cyber Threat Center" (USCTC). [Read More](#)

[Link: https://www.cyberinflight.com/2025/04/22/us-cyber-threat-center-usctc-linked-breach-of-us-networks/](#)



Low power RF device communication through hybrid RF/IR communication in RF/IR mode

Low power RF device communication through hybrid RF/IR communication in RF/IR mode is a key capability for the US and India. The report highlights the importance of these capabilities in detecting and disrupting cyber threats to border security. [Read More](#)

[Link: https://www.cyberinflight.com/2025/04/22/us-cyber-threat-center-usctc-linked-breach-of-us-networks/](#)



USCIS disruption and satellite communication are hallmarks of modern warfare

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[Link: https://www.cyberinflight.com/2025/04/22/uscis-disruption-and-satellite-communication-are-hallmarks-of-modern-warfare/](#)



TRAINING & EDUCATION



Salon du Bourget 2025

It's time to register! The Salon International de l'Aéronautique et de l'Espace, better known as the "Paris Air Show", will be holding its 55th edition from June 16 to 22, 2025. **#Event #Bourget**

Link: <https://www.museeairespace.fr/agenda/salon-du-bourget-2025/>



Participation to the Quantum Technology Week

Quantum technology is a key enabling technology for the future of space exploration and security. It offers a range of opportunities for space agencies, academia, and industry to collaborate and develop new applications. The Quantum Technology Week is a leading event in the field, bringing together experts from around the world to discuss the latest developments and challenges in quantum technology.

Link: <https://www.quantumtechnologyweek.com/>



Space 404: an intelligence gathering space in the age of generative AI

Space 404 is a new concept in space intelligence gathering, leveraging the power of generative AI to analyze and interpret satellite imagery and data. It offers a range of opportunities for space agencies, academia, and industry to collaborate and develop new applications. The Space 404 project is a leading initiative in the field, bringing together experts from around the world to discuss the latest developments and challenges in space intelligence gathering.

Link: <https://www.space404.com/>



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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