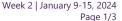
Timeframe: Weekly

# of articles identified: 18

Est. time to read: 30 minutes



# SPACE CYBERSECURITY **WEEKLY WATCH**

Week 2

January 9 – 15, 2024

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



**MARKET & COMPETITION** 

TECHNOLOGY

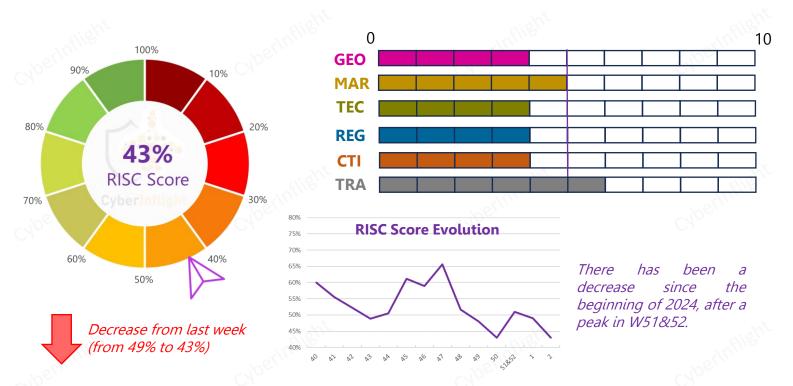
THREAT INTELLIGENCE

**REGULATION** 

**TRAINING & EDUCATION** 

**IMPORTANT NEWS** 

#### **Overview & RISC Score**



This week's RISC Score is 43%. Fewer articles have been featured in this week's edition than in recent weeks. On the technology front, ISRO Chairman Dr. S. Somanath unveiled this week ISRO's work on Opto Quantum Communication Architecture, especially focusing on the development of Quantum Key Distribution. On the market front, Wiseband and Rivada announced their partnership to bring secure LEO connectivity to the Middle East. Also this week, at a conference, a representative of the USSF announced that collaboration between the USSF and the US Cyber Command would be further developed this year. The end of 2023 saw a wake-up call for the space industry regarding space cybersecurity. An article listing five best practices to consider to bolster satellite security and protect space IP was published. Finally, this week the DoD published its first National Defense Industrial Strategy (NDIS) which will guide the Department's engagement, policy development, and investment in the industrial base over the next three to five years.



Week 2 | January 9-15, 2024

### **GEOPOLITIC**



#### **How Space Force is raising its cyber defenses**

Addressing cyber threats to critical U.S. space capabilities, including satellites and missile-warning systems, will require even closer collaboration with U.S. Cyber Command, a top Space Force official said Friday. #USSF #CyberCommand



Link: https://dnyuz.com/2024/01/09/how-space-force-is-raising-its-cyber-defenses/



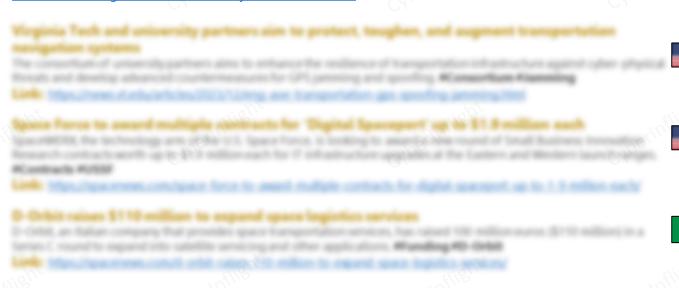
### **MARKET & COMPETITION**



#### Wiseband and Rivada aim to bring secure LEO connectivity to Middle East

Wiseband, an Emirati satellite services company, is partnering with Rivada Space Networks, a global network company launching a constellation of 600 low-earth-orbit (LEO) satellites to enable secure, global connectivity for governments and enterprises, to bring secure connectivity solutions to the Middle East region. **#Wiseband #Riveda** 

**Link:** <a href="https://developingtelecoms.com/telecom-technology/satellite-communications-networks/16028-wiseband-and-rivada-aim-to-bring-secure-leo-connectivity-to-middle-east.html">https://developingtelecoms.com/telecom-technology/satellite-communications-networks/16028-wiseband-and-rivada-aim-to-bring-secure-leo-connectivity-to-middle-east.html</a>



### **TECHNOLOGY**



#### ISRO Exploring Opto Quantum Communication for Secure Satellite Networks

ISRO Chairman Dr S. Somanath unveiled India's ambitious journey into the realm of quantum communication. He revealed ISRO's work on Opto Quantum Communication Architecture, especially focusing on the development of Quantum Key Distribution (QKD) using a protocol known as Decoy BB84. This marks a significant step towards building secure and unbreakable communication networks for satellites and beyond. **#ISRO #Quantum** 



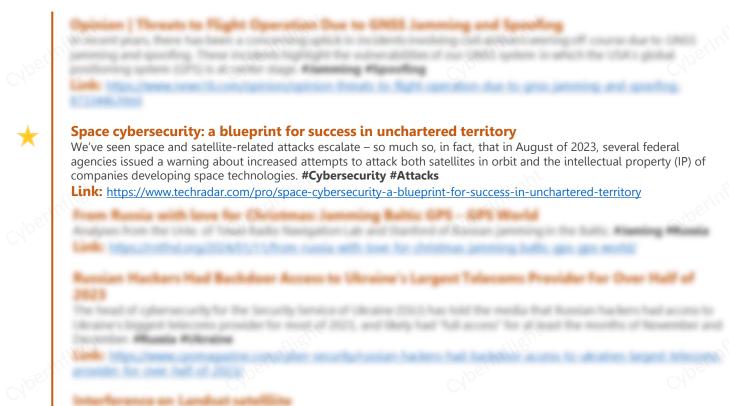
Link: https://idrw.org/isro-exploring-opto-quantum-communication-for-secure-satellite-networks/





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### THREAT INTELLIGENCE



### **REGULATION**



#### Department of Defense releases their first-ever National Defense Industrial Strategy

The Department of Defense has released the organization's inaugural National Defense Industrial Strategy (NDIS) which will guide the Department's engagement, policy development, and investment in the industrial base over the next three to five years. **#DoD #NDIS** 



**Link:** <a href="https://news.satnews.com/2024/01/15/department-of-defense-releases-their-first-ever-national-defense-industrial-strategy/">https://news.satnews.com/2024/01/15/department-of-defense-releases-their-first-ever-national-defense-industrial-strategy/</a>

## **TRAINING & EDUCATION**

