

# EUSPA releases first Secure Satellite Communications Report

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***The EUSPA secure SATCOM Market and User Technology Report helps relevant public and private actors identify business opportunities, sets the basis for developing the market and enable the realisation of benefits from satellite communications, both in the EU and worldwide.***

Secure Satellite Communications (SATCOM) is essential for the resilience and strategic autonomy of the European Union and its Member States. It's the basis for security- and safety-critical missions and operations, supports crisis management, surveillance missions, the protection of critical infrastructure and situational awareness. Secure SATCOM services are also widely used in a variety of applications, ranging from the response to natural disasters, telemedicine and telehealth services in remote locations, maritime emergencies and air traffic management.

In this context, and with [GOVSATCOM](#) and [IRIS<sup>2</sup>](#) underway, experts at the European Agency for the Space Programme (EUSPA) produced the first ever **Secure SATCOM Market and User Technology Report**. The long study aims to help relevant public and private actors identify business opportunities, set the basis for developing the market and enable the realisation of benefits from satellite communications, both in the EU and worldwide.

The report consists of two parts: (i) the secure SATCOM market and (ii) the secure SATCOM user technology chapter. The secure SATCOM market chapter offers a comprehensive review of various relevant SATCOM use cases. The user technology chapter provides an overview of the technologies currently shaping the industry. It identifies key trends such as the increased capacity and data speeds offered by High-throughput Satellite Systems (HTS), the deployment of multi-orbit and multi-band terminals, optical communications, interoperability, and standards.

## Report highlights and trends

- A widespread deployment of NGSO constellations has started and is expected to continue in the coming decade;
- The demand for fixed satellite services (FSS) in the EU will increase by a factor of 14 between 2025 and 2040, reaching around 186 Gbps by 2040;
- In 2025, the Fixed Satellite Services (FSS) capacity demand for Crisis Management is expected to count for around half of all FSS capacity demand;
- Key Infrastructures are set to generate the highest level of demand to represent around 50% of the total SATCOM capacity demand by 2040.

"The geopolitical situation has spurred demand for secured, robust and uninterrupted SATCOMs. This report aligns with EUSPA's market intelligence mission by highlighting the value of space-based secure connectivity for authorized governmental users, fostering business opportunities, and global benefits in secure communications such as crisis management, surveillance, law enforcement and critical infrastructure." says EUSPA Executive Director, Rodrigo da Costa.

The 'secure SATCOM Market and User Technology Report' is part of a series [of reports issued](#) by EUSPA aimed to provide space technology intelligence to a broad range of users.

Read more about the report here and download it [here](#).

## About the European Union Agency for the Space Programme (EUSPA)

The European Union Agency for the Space Programme (EUSPA) provides safe and secure European satellite navigation services, promotes the commercialization of Galileo, EGNOS, and Copernicus data and services and coordinates the EU's forthcoming governmental satellite communications programme GOVSATCOM and the EU SST Front Desk. EUSPA is responsible for the security accreditation of all the EU Space Programme components including the future secure connectivity programme IRIS2. By fostering the development of an innovative and competitive space downstream sector and engaging with the entire EU Space community, EUSPA contributes to the European Green Deal and digital transition, the safety and security of the Union and its citizens, while reinforcing its autonomy and resilience.

### For more information:

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