EU SST
Space Surveillance and Tracking

Ensuring space safety and sustainability

Facts and figures

About EU SST

EU Space Surveillance and Tracking (**EU SST**) is a key capability that helps to protect space infrastructure and services from in-orbit collisions between space objects and other disruptions. It thereby safeguards European economies, societies and citizens who increasingly rely on space-based services such as navigation or Earth observation, and so contributes to the **resilience of European space assets** and to a higher level of **EU strategic autonomy**.

Integrated in 2021 as a **full-fledged subcomponent of the EU Space Programme**, **EU SST** is **fully operational**, with its own **network of sensors** from EU Member States, a **database** connecting national Operations Centres, and **services** provided to users through the EU SST Front Desk at EUSPA. It is also **security relevant**: its internal data policy protects sensitive information and the security interests of EU SST partners, and gives guidelines on handling SST data.

>70 sensors
contributing to EU SST

>2.1m measurements
shared per day on average

>26k objects
observed in the last year

>400 organisations
registered

>700 spacecraft
protected

Milestones

- **2014** — SST Decision is adopted (No 541/2014/EU)
- **2015** — Consortium Agreement is signed by five EU Member States
- **2016** — Start of operations: SST services are provided to SST users
- **2018** — Three new Member States join Consortium
- **2021** — SST becomes a subcomponent of the EU Space Programme (Regulation (EU) 2021/696); EU SST becomes a key operational capability for the EU approach on Space Traffic Management (JOIN(2022)4)
- **2022** — EU SST Partnership Agreement is signed by 15 EU Member States
- **2023** — EU SST Partnership takes over provision of SST services in cooperation with EUSPA
- **2026** — Four new Member States join Partnership

2026-2028 priorities

- Continue to provide operational, public SST services to users
- Research and further develop EU SST capabilities
- Develop and use innovative technologies to face challenges raised by STM
- Foster innovation and competitiveness of the European SSA industry and start-ups ecosystem
- Exploit synergies between civil and defence capabilities
- Promote global coordination between SSA systems

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EU SST
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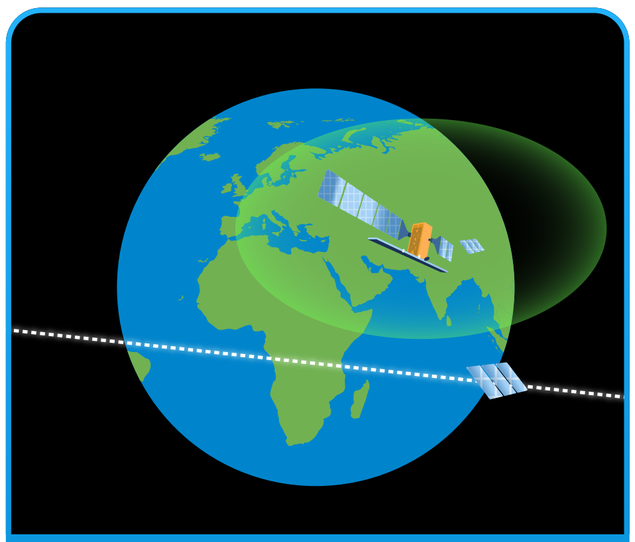
Service Provision

Collision Avoidance (CA)



provides risk assessments of potential collisions between space objects and recommendations to spacecraft operators on how to mitigate the risk

123 organisations registered

8679 high-risk close approaches monitored in the last year

1 taskforce activation for critical CA events (Large vs Large) in the last year

Re-entry Analysis (RE)



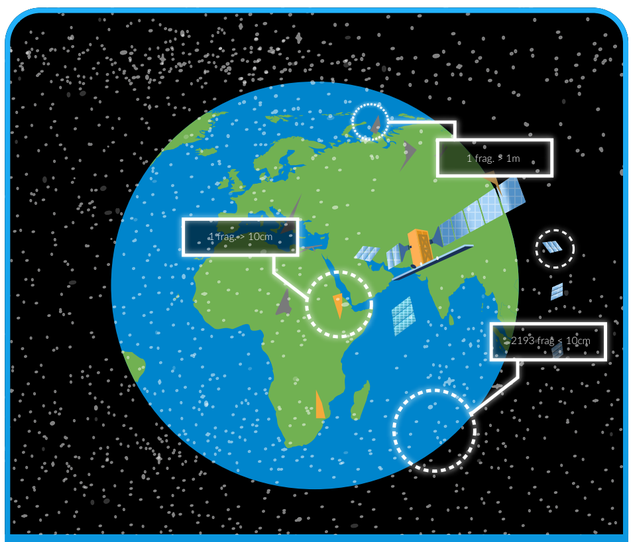
provides risk assessments of uncontrolled re-entries of space objects into the Earth's atmosphere

359 organisations registered

117 re-entries monitored in the last year

1 taskforce activation for critical RE events in the last year

Fragmentation Analysis (FG)



provides detection and characterisation assessments of in-orbit fragmentations, break-ups or collisions

244 organisations registered

6 fragmentation events first reported in the last year

1 taskforce activation for critical FG events in the last year

Front Desk

The Front Desk provides the secure interface for delivering the SST services to users (SST Portal) and ensures user support and engagement.



>363k products delivered through the SST Portal in the last year

231 more users registered than the previous year

105 more satellites registered than the previous year

1787 user requests handled by the SST Helpdesk in the last year

13,605 monthly average website visits in the last year

>15k social media followers in total

3 taskforce activations for critical events in the last year

105 indicators monitored to report on the performance of EU SST

Reporting period: 01/08/2025 - 31/07/2026

Feedback from users

8.2 Global Satisfaction Score

"The timeline of the Re-entry Analysis service is clear and the window evolution is good."

FINNAIR

"The EU SST Front Desk has shown good progress in the last years."

AIRBUS

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