

SSA/SST



EUSPA Industry Days 2026

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What is EU SST?



EU SST
Space Surveillance and Tracking

**EU Space
Surveillance
and Tracking**



Our goals:

- Ensure **resilience of European space infrastructures**
- Higher level of **strategic autonomy**
- Global **SSA** burden-sharing

We:

- are **operational**: sensor network, database, services, users
- perform **research and innovation** activities to improve the level of performance: upgrades of sensors, architecture studies, etc.
- are **security** relevant: security and data sharing

Service provision ▪ SST Services



Collision Avoidance (CA)

Risk assessment of collision and generation of collision avoidance alerts

Fragmentation Analysis (FG)

Detection and characterisation of in-orbit fragmentations

Re-entry Analysis (RE)

Risk assessment of space objects re-entry into the Earth's atmosphere

Key features

- **User-tailored** service (SCD)
- Hot redundancy scheme involving ES (S3TOC) and FR (FR-SSA) with harmonised service level and single service provider per registered user
- Enhanced **Analysis & Risk Mitigation** support (e.g. covariance estimations, HBR estimations, PoC sensitivity analysis, CAM support)

- Provided by IT (C-SSA)
- Short-term notification to **confirm quickly an FG event**
- Medium-term FG analysis based on the orbital parameters of the **catalogued fragments** e.g. Gabbard Diagram
- Long-term FG analysis (**with simulations with breakup model**)

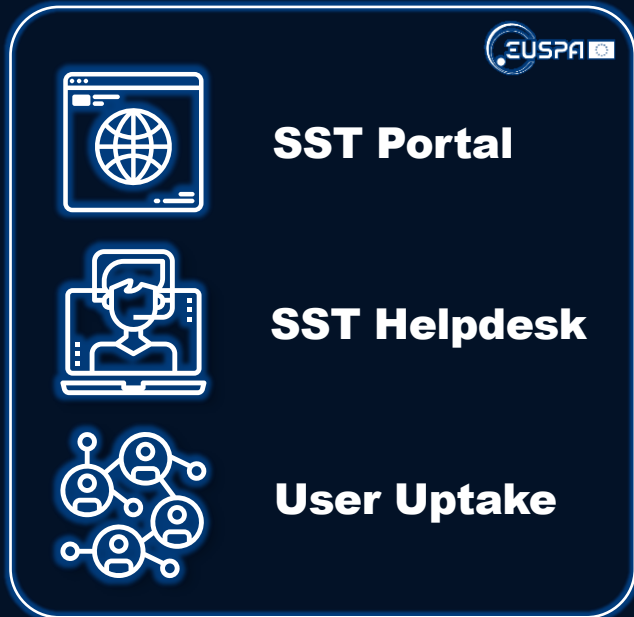
- Provided by IT (C-SSA)
- Long-term (within 30 days) **re-entry predictions**
- Short-term (a few days) overflight predictions with **ground tracks over customisable areas of interest**






SST Front Desk

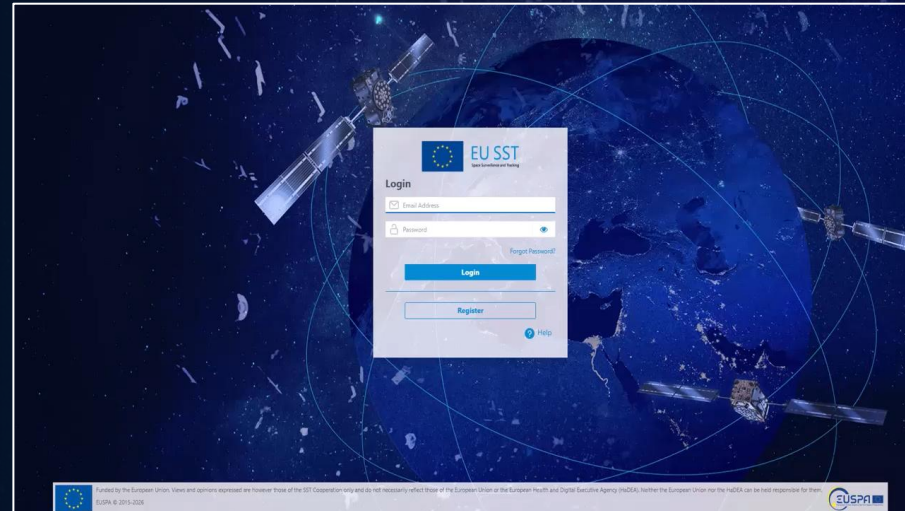
SST Portal and Helpdesk

SST Front Desk



A vertical menu with three items, each with an icon and text. The top item is 'SST Portal' with a globe icon. The middle item is 'SST Helpdesk' with a person at a computer icon. The bottom item is 'User Uptake' with a group of people icon. The EUSPA logo is in the top right corner of the menu.

-  **SST Portal**
-  **SST Helpdesk**
-  **User Uptake**







Space safety services & traffic coordination platform and user support

SST Front Desk

User uptake and feedback

SST Front Desk



-  **SST Portal**
-  **SST Helpdesk**
-  **User Uptake**



"The EU SST service has become a world-leading institutional SST service"



"The Collision Avoidance service is very responsive. Its personnel is highly attentive and the on-call team is excellent."



"Whenever we have an enquiry, the EU SST Front Desk addresses it quickly."



"The support provided by the Operations Centre in charge of the Collision Avoidance service has always been very satisfactory."



Perspectives of SST in 5 years



- Services to continue to improve as to cope with evolving **user needs** and space **traffic coordination/management**
- **Security** to evolve from programme perspective i.e. requirements, accreditation, monitoring, exchange of classified information

Typical procurements for SST

Much rely on other existing FWC of the Agency e.g.:

- [Provision of ICT Support Services | EU Agency for the Space Programme](#) - EUSPA/OP/08/21
- [IT Operational system administration support to the GSA | EU Agency for the Space Programme](#) - GSA/OP/13/20
- [Provision of support services to the EUSPA and the EC](#) - EUSPA/OP/37/23

The above Framework Contracts are used for activities encompassing:

- SW development
 - Project management; business analysis, IT architecture; UX/UI design, coding, testing, security analysis and penetration testing
- IT system administration
 - Manage system infrastructure; monitor system performance; patching; user administration; technical support; backup and restore, database administration
- Security and Operations
 - Support to security work e.g. cyber audits, accreditation and helpdesk operations work

EU Space Traffic Coordination platform

- Indicative description:
 - Establish an EU platform to organize and facilitate **coordination** between satellite operators, public authorities, and commercial providers - building on **existing services developed under EU Space Surveillance and Tracking**
 - Implement a **sandbox** environment to test coordination procedures and “rules of the road”
 - Include **engagement activities** aimed at identifying the needs and expectations of users
- Estimated value excluding VAT: 2 000 000 Euro
- Estimated date of publication of a contract notice within this procedure: 03/08/2026
- PIN link: <https://www.euspa.europa.eu/opportunities/procurement-grants/procurements/euspaop1126-space-traffic-coordination-platform-stcp>

Other upcoming procurements & activities

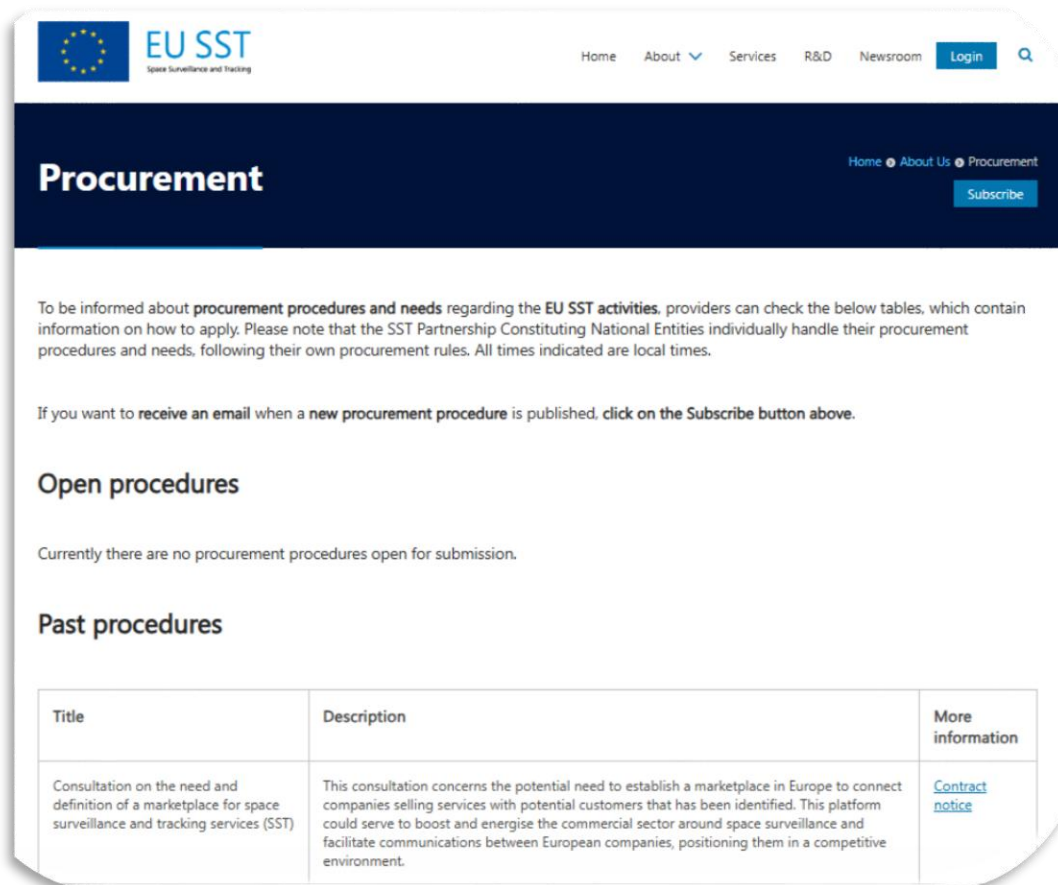
The Agency also expects to be appointed to host the security monitoring structure for the SST programme¹:

- Deploying and operating the necessary infrastructure for security monitoring (SECMON) and;
- The means required to exchange classified information (EUCI)

1. [EUSPA Single Programming Document 2025-2027.pdf](#)

EU SST procurements info:

<https://www.eusst.eu/about-us/procurement/>



The screenshot shows the 'Procurement' page of the EU SST website. The page header includes the EU SST logo and navigation links: Home, About, Services, R&D, Newsroom, and Login. The main heading is 'Procurement' with a 'Subscribe' button. The text explains that providers can check tables for procurement procedures and needs, and that the SST Partnership Constituting National Entities handle their own procurement rules. It also includes a 'Subscribe' button for email notifications. The page is divided into 'Open procedures' (currently none) and 'Past procedures'. A table lists one past procedure: 'Consultation on the need and definition of a marketplace for space surveillance and tracking services (SST)'. The description states that this consultation concerns the potential need to establish a marketplace in Europe to connect companies selling services with potential customers. A 'Contract notice' link is provided for more information.

Title	Description	More information
Consultation on the need and definition of a marketplace for space surveillance and tracking services (SST)	This consultation concerns the potential need to establish a marketplace in Europe to connect companies selling services with potential customers that has been identified. This platform could serve to boost and energise the commercial sector around space surveillance and facilitate communications between European companies, positioning them in a competitive environment.	Contract notice

Including those managed by SST Partnership members



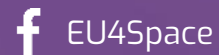
#EUSpace



Linking space to user needs

Get in touch with us

www.euspa.europa.eu



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