

Galileo

EUSPA Industry Days 2026

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Galileo Overview



- **Galileo** is the European Union Global Navigation Satellite System (GNSS), providing standalone navigation, positioning, and timing information (PNT) to users worldwide, under civilian control
- **Galileo** provides **Europe** and European citizens with **independence and sovereignty in PNT services**



Galileo Control Centre
(Fucino, IT)



Galileo Control Centre
(Oberpfaffenhofen, DE)



Galileo Security Monitoring
Centre, GSMC
(Saint-Germain-en-Laye, FR)



Galileo Security Monitoring
Centre, GSMC
(St Martin de la Vega, ES)



Galileo Reference Centre,
GRC (Noordwijk, NL)

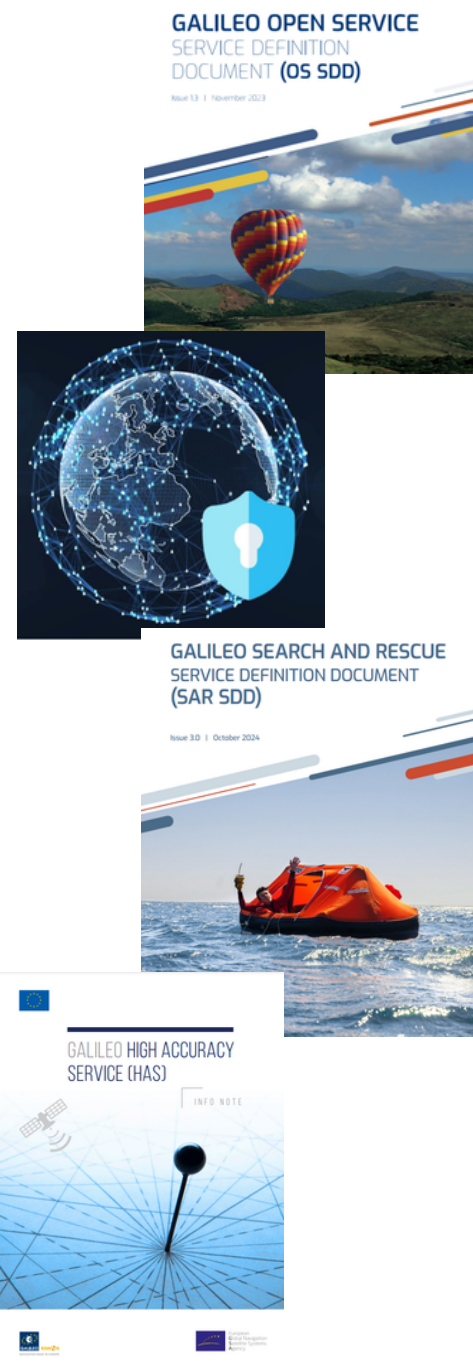


European GNSS Service
Centre (Torrejón, ES)

Galileo services

- Galileo offers several **high-performance services worldwide**, featuring various levels of accuracy, robustness, authentication and security
- Galileo Services are provided to worldwide users **since December 2016**

Open Service (OS)	Freely, worldwide accessible service for positioning and timing
Public Regulated Service (PRS)	Encrypted Governmental service designed for higher robustness and availability
Search and Rescue Service (SAR)	Locates people in distress and acknowledges that the reception of distress signal
High Accuracy Service (HAS)	Delivers high accuracy services, freely accessible
OS Navigation Message Authentication (OSNMA)	Freely, worldwide accessible service providing increased robustness of the OS positioning and timing
Emergency Warning Satellite Service (EWSS)	Testing phase
Signal Authentication Service (SAS)	Testing phase




Galileo Services in 5 years

- Galileo service portfolio evolves to satisfy the needs of Europe and European citizens
- Existing services are improved, and new services are designed, while moving towards the new generation of Galileo infrastructure to strengthen Galileo posture worldwide
- Early capabilities for future further services will be also tested

<u>Service</u>	<u>Situation in 5 years time</u>
Open Service (OS)	→ Quasi-Pilot signal, Full Service (FOC)
Public Regulated Service (PRS)	→ Full Service (FOC)
Search and Rescue (SAR)	→ Full Service
High Accuracy Service (HAS)	→ Full Service
OS Navigation Message Authentication (OSNMA)	→ Enhanced Service
Emergency Warning Satellite Service (EWSS)	→ Initial Service
Signal Authentication Service (SAS)	→ Initial Service
Timing service	→ Initial Service
Galileo ARAIM	→ Initial Service
SAR Remote Beacon Activation	→ Full Service



Galileo System in 5 years

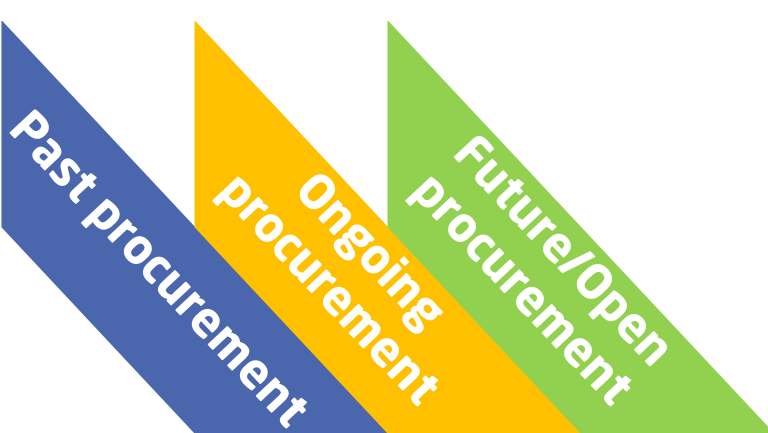
- The Galileo infrastructure will evolve with the arrival of the **second generation of Galileo satellites and the development of ground segment evolutions.**
 - Evolution of **ground segment** to support new services and strength the provision of existing services (service robustness, cyber resilience).
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- A photograph of a Galileo satellite in orbit above the Earth. The satellite is a small, boxy object with two long, thin solar panel arrays extending from its sides. It is positioned in the upper left quadrant of the frame. The Earth's surface is visible in the lower right, showing the continent of Europe and the Mediterranean region, with city lights glowing against the dark background of the planet. The horizon of the Earth is a thin, curved line separating the dark space from the illuminated surface.
- With a gradual introduction of cutting-edge new generation satellites in the current fleet, several important innovations will be made available to Galileo users:
 - **new payloads** enabling the diversification of navigation services, thus enlarging the Galileo portfolio
 - **strengthen the robustness** of the satellite navigation services, by including frequency diversity, increased power levels, various levels of authentication
 - **increased accuracy** in time and position, relying on new a generation of atomic clocks and an innovative on-board time generation approach

Galileo Programme Procurements Rules

- According to the current Regulation, **EUSPA** is the **System Prime of the System in Operation**
- **EUSPA** is in charge of **the procurements for the deployment and maintenance activities** of the current Ground Segment (GCS/GMS/GSF) for which EUSPA procures and implements in its own name, according to EU procurement rules
- For activities related to major **system evolution (Space and Ground segment)**, **ESA implements contracts**, acting in the name and on behalf of EUSPA
- Concerning **Launch Services**:
 - As of Galileo **Launch 15**, **EUSPA is in charge** of the procurement of Launch Services.

Procurements supporting Galileo

- The procurements launched by EUSPA to support the Galileo-related activities can be grouped in 4 sets:
 - Galileo Service Operations
 - Infrastructure procurement, deployment and maintenance
 - Tools for service provision and user segment
 - Support services for EUSPA



Galileo Service Operations



- EUSPA/CP/09/24 – Galileo Service Operator II (GSOp II)

This procurement procedure is for a Framework Contract (FWC) for the performance of Galileo Service Operations, in order to ensure the provision of the Galileo Services for the period 2027-2036

- *Type of procurement:* Competitive procedure with negotiation
- *Type of contract:* Framework Contract
- *Special conditions:*
 - Participation conditions in accordance with Article 24 of Regulation (EU) 2021/696
 - PRS decision applicable
 - Minimum 30% share of sub-contracting to be awarded in competitive tendering
 - Participation of Small and Medium Size Enterprises (SMEs) encouraged
- *FWC ceiling:* 2,600 M€
- *Further information:*
 - In negotiation phase: [EU Funding and Tenders Portal](#) and [EUSPA website](#)

Ongoing
procurement

Galileo Service Operations

- EUSPA/OP/02/25- EUSPA/OP/02/25- EGNSS Transversal Service Contractor (ETSC)

The Direct Contract covers the operations and maintenance of the EGNSS Transversal service operations.

- *Type of procurement:* Open Procedure
- *Type of contract:* Direct Contract – submission deadline 01/06/2026
- *Special conditions:*
 - Participation conditions in accordance with Article 24 of Regulation (EU) 2021/696
 - Subcontracting minimum share of 30% to be awarded in competitive tendering outside the group,
- *Contract ceiling:* 26M €
- *Further information:* EUSPA [website](#)



Support Services for EUSPA

- **EUSPA/OP/33/24 IT OPS System administration support Preventive/corrective maintenance and other system administration support services at the GSMC France and GSMC Spain.**
 - *Type of procurement:* Open Procedure
 - *Type of contract:* Framework Contract
 - *Special conditions :*
 - Participation conditions in accordance with Article 24 of Regulation (EU) 2021/696
 - Subcontracting minimum share of 10% to be awarded in competitive tendering outside the group
 - *Contract ceiling:* 7M €
 - *Duration:* up to 48 Months signed in November 2025
 - *Company:* GMV SGI / COTECO
 - *Further Information:* EUSPA [Website](#)

Closed
procurement

Support Services for EUSPA

- **EUSPA/OP/37/23 Provision of support services to the EUSPA and the EC**
Open procedure for provision of support services to the European Union Agency for the Space Programme (EUSPA) and the European Commission (EC) in a number of different areas and locations. Precisely, the foregoing procedure is split into five distinctive Lots
 - Lot 1 – Mission, Services Engineering and Uptake Support,
 - Lot 2 – Ground and Space Segments Engineering Support,
 - Lot 3 – Security-Cyber and Risk Analysis Support,
 - Lot 4 – Project Management & Quality Support,
 - Lot 5 – Operations and Service Provision and Management Support.
- *Type of procurement:* Open Procedure
- *Type of contract:* Framework Contract inter-institutional -composed of 5 lots aiming at the signature of maximum 2 (two) framework contracts in cascade per each lot
- *Special conditions :*
 - Participation conditions in accordance with Article 24 of Regulation (EU) 2021/696
- *Contract ceiling:* 297M €
- *Duration:* up to 48 Months signed in Sep/Oct 2024
- *Company:* 2 Companies per lot: Alpha consultant srl, Exprivia SpA, ATG Europe bv, LSE Space GmbH, Sopra Steria Benelux sa/nv, Deloitte Security sro , Telespazio Belgium srl; Telespazio France sas; HE Space Operations bv
- *Further information:* EUSPA [Website](#)

Support Services for EUSPA

- **EUSPA/RP/01/22 Galileo PRS and cyber security engineering support (WP1xx)**
System Support activities to assist EUSPA in its role of Galileo system prime for the system in operation for system engineering disciplines System weakness analysis and product assurance activities. The procurement also covers support tasks connected to the NPRS USEG downstream activities
 - Lot1. Galileo service and security engineering support;
 - Lot2. Galileo System Prime and NPRS user segment engineering support;
 - Lot3. Galileo PRS and Cyber security engineering support;
 - Lot4. Galileo security accreditation preparation engineering support.

Type of procurement: Restricted Procedure

 - *Type of contract:* Framework Contract -composed of 4 lots, to conclude multiple framework contracts
 - *Contract ceiling:* 36M €
 - *Duration:* up to 48 Months signed in June 2023
 - *Company:* Thales Alenia Space Italia S.p.A., Airbus Defence and Space GmbH, Leonardo S.p.A. ; Thales Six GTS France sas

Q&A Session

#EUSpace 



Linking space to user needs

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