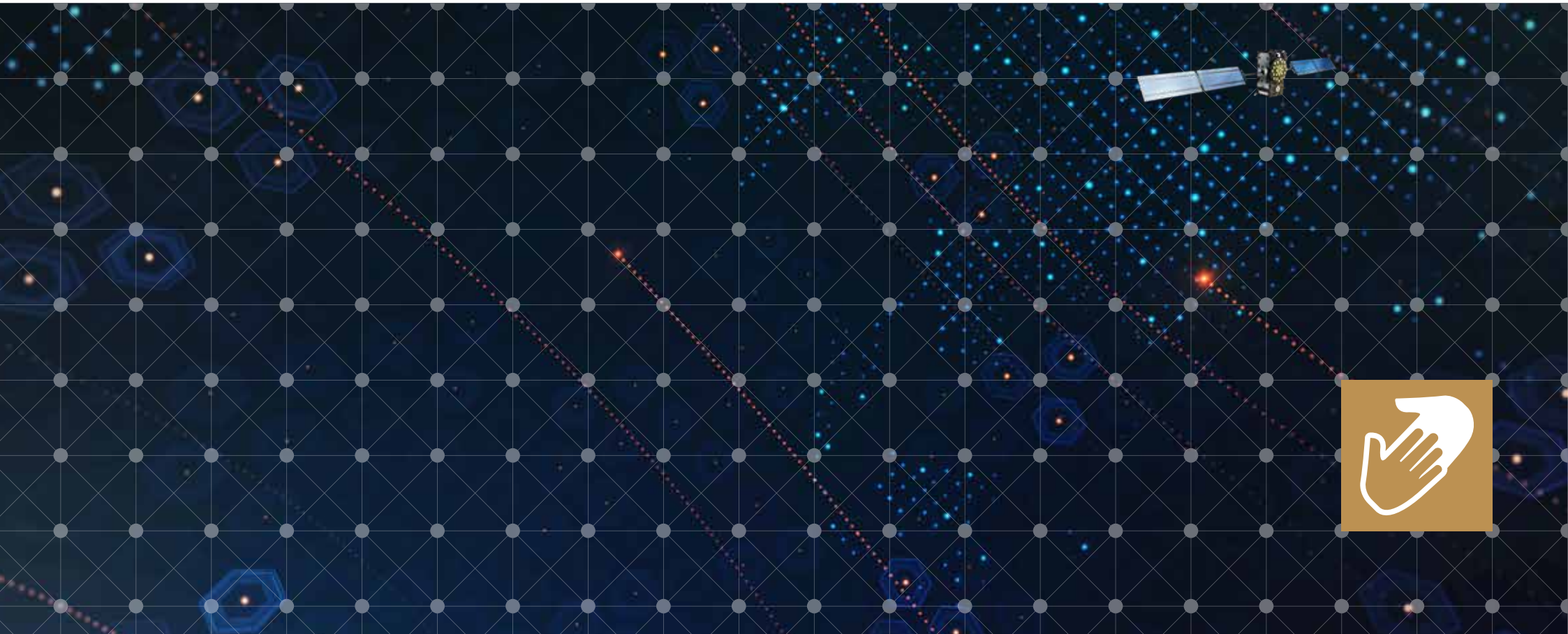


European GNSS Service Centre (GSC)

Carretera Ajalvir km 4 (28850)
Torrejón de Ardoz, Madrid, Spain
info@gsa.europa.eu
helpdesk@gsc-europa.eu
www.gsc-europa.eu



The European GNSS Service Centre (GSC) is located in Madrid, within the National Institute of Aerospace Technology (INTA) facilities at Torrejón de Ardoz.

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European GNSS Service Centre

Your Window to Galileo



About the European GNSS Service Centre

Located in Madrid, the European GNSS¹ Service Centre is an integral part of the European GNSS infrastructure. It provides a single interface for the Galileo Open Service (OS) and High Accuracy service (HAS) user communities.

The European GNSS Agency (GSA) is responsible for the management of the GSC, which was launched in May 2013.

The mission of the Centre is to:

PROVIDE

- A single interface for:
 - Open Service users
 - High Accuracy service providers and users
 - Safety-of-Life (SoL) user communities (the OS, when used in combination with other systems or augmentations, can be used for SoL purposes)
- Information on the status of the OS and CS and the Galileo system
- General information relating to GNSS with an emphasis on, but not limited to, European GNSS)

SUPPORT

- Galileo Open Service and High Accuracy service provision
- Service, application and product developers

HOST

- The Helpdesk
- An incident/anomaly reporting tool for users
- A centre of expertise for aspects relating to the Galileo Service
- The Galileo Service electronic library, including reference documentation

SHARE SERVICE RELATED INFORMATION AND DATA PRODUCTS

- Timely Service Notices and NAGUs (Notice Advisory to Galileo Users)
- Customised performance assessment, reporting and forecasts
- Navigation related data

GALILEO Service Facilities



CORE SERVICES

The GSC serves the user community via a web portal and user Helpdesk. This one-stop-shop portal provides Galileo users with relevant information on the system's status and easy access to the dedicated Helpdesk.

In addition, an automatic alert system notifies registered users about events affecting the Galileo services.

To provide the best possible services to users, additional functionalities and services are being developed.

Added-Value Services

The GSC will evolve as Galileo moves towards Full Operational Capability (FOC), thus providing users with an integral service. Currently the GSC provides the following added-value services:

- Galileo Constellation status updates
- Automatic NAGU notifications
- Publication of almanacs
- Monitoring user satisfaction

And new services are coming:

- GRCS (Graphical Representation of Constellation Status) that consists of three maps:
 - Galileo constellation ground tracks
 - Galileo satellites visibility map
 - NAGU evolution graph
- GSTI (GNSS Simulation and Testing Infrastructure): a platform intended to support developers of both GNSS applications and related equipment and providers of GNSS testing/simulation tools or test beds.
- Provision of Galileo Notices

In addition to providing Galileo-related support, the GSC collaborates with the EGNOS Helpdesk (the main entry point for EGNOS technical questions) and the GPS NavCen (the official source of information for civil users of the American Global Positioning System).



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