

European GNSS Service Centre

Your window to Galileo



European GNSS Service Centre (GSC)

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

SUPPORTED BY



European
Global Navigation
Satellite Systems
Agency

About the European GNSS Service Centre

The European GNSS* Service Centre (GSC) based in Madrid, is an integral part of the European GNSS infrastructure that provides the single interface for the Galileo Open Service (OS) and Commercial Service (CS) user communities. Its first operations started in May 2013.

The European GNSS Agency (GSA) is responsible for the management of the GSC.

The mission of the Centre is to:

PROVIDE

- the single interface with:
 - the Open Service users
 - the Commercial Service providers and users
 - and Safety-of-Life (SoL) user communities, as the Galileo OS could be used, in combination with other systems or augmentations, for SoL purposes
- the interface with other GNSS Service Providers (GPS NavCen and EGNOS for the time being)
- information on the status of the Galileo OS and CS services and the Galileo system
- general information related to GNSS (with emphasis on, but not limited to, European GNSS)

SUPPORT TO

- Galileo Open Service and Commercial Service Provision
- service, application and product developers

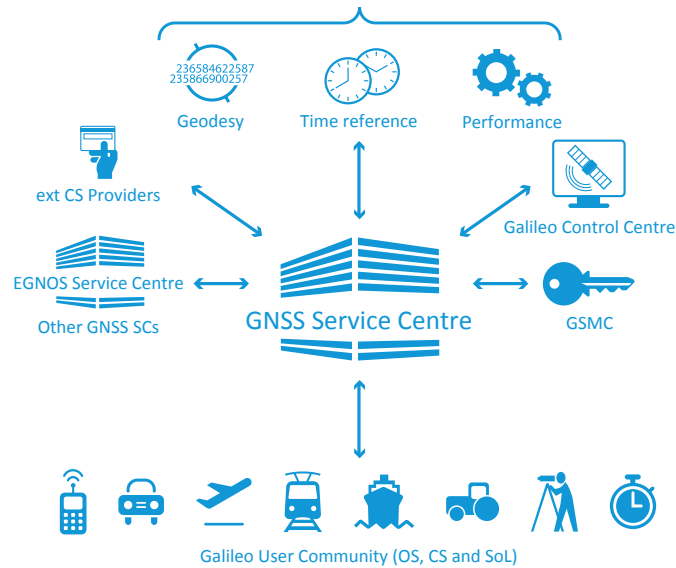
HOST

- the Helpdesk
- an incident/anomaly reporting tool to users
- a centre of expertise for Galileo Service aspects
- the Galileo Service electronic library with reference documentation

SHARE SERVICE RELATED INFORMATION AND DATA PRODUCTS

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

GALILEO Service Facilities



The GSC core services

The GSC is serving the user community via a web portal and user helpdesk.

The one-stop-shop portal provides Galileo users with relevant information on the system and easy access to the dedicated helpdesk.

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

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

Added-Value Services

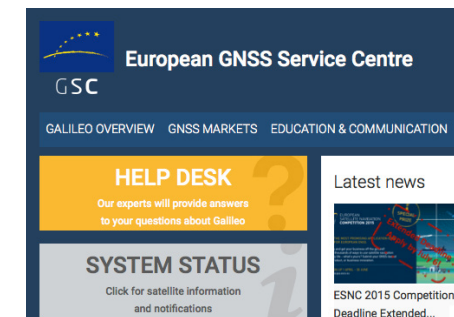
The GSC evolves over time in order to provide an integral service to users in preparation of the Galileo's Full Operational Capability (FOC). Currently the GSC is providing the following added-value services:

- Galileo Constellation status
- Automatic notification of NAGUs
- Publication of almanacs
- Monitoring the satisfaction of users

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): platform intended to support developers of both, GNSS applications, and related equipment and providers of GNSS testing, and simulation tools or test beds.
- Provision of Galileo Notices

On top of Galileo-related support, we collaborate with the EGNOS Helpdesk (the main entry point of access for EGNOS technical questions) and with the GPS NavCen (the official source of information for civil users of the American Global Positioning System), so to provide an integral GNSS support.



www.gsc-europa.eu

* Global Navigation Satellite System