



SCUTUM



EGNOS

(European Geostationary Navigation Overlay Service)
services for dangerous goods transports

SCUTUM

- Is the European best practice for the operational adoption of commercial services based on EGNOS
- Proves EGNOS benefits for road applications
- Exploits the value of EGNOS position accuracy and guarantee for tracking & tracing of dangerous goods
- Specifies the standard for the implementation of EGNOS commercial services in Intelligent Transport Systems and mobility applications
(CEN Workshop Agreement SCUTUM)

WHY EGNOS FOR DANGEROUS GOODS

The availability of EGNOS over Europe enables tracking & tracing services based on guaranteed positioning, suitable for applications requiring precise and reliable localisation. In the dangerous goods transports, EGNOS has evident opportunities in the short term in Europe, and in addition prepares the global market for Galileo.

The market shows clear needs and requirements and is mature to use EGNOS-based services.

EGNOS added value, compared to GPS, relies on its ability to provide enhanced accuracy and confidence in the position, through the signal coming from the satellite (i.e. the EGNOS OS - Open Service) and the distribution of EGNOS data via EDAS (i.e. the EGNOS CS - Commercial Service).

The use of EGNOS in the transport of dangerous goods enables higher safety and efficiency of operations.

SCUTUM FACTS

SCUTUM succeeded in a wide adoption of EGNOS in Europe. eni, a leading oil company, adopted EGNOS to monitor its operational fleet transporting dangerous goods throughout Europe, and to benefit from EGNOS proven enhanced accuracy and position guarantee.

SCUTUM leads to the development of EGNOS CS products and services ready for the commercial market. Italy's and France's Ministries of Transport validated the technical standard for the implementation of EGNOS commercial services, as part of a shared vision for EGNOS adoption.

SCUTUM is in line with the European Directive for the deployment of Intelligent Transport Systems (ITS Directive).

WHO WE ARE: SCUTUM TEAM

SCUTUM team is composed by 11 members, from 4 European countries: Italy, France, Austria, Belgium



EGNOS (European Geostationary Navigation Overlay Service) is a satellite-based augmentation system that improves the accuracy of satellite navigation signals over Europe and the Mediterranean area. EGNOS substantially improves the GPS position accuracy and provides integrity information, making it suitable for applications requiring very accurate and guaranteed positioning.

EGNOS is designed to offer three services:

- The Open Service (OS), available since October 2009, suitable for most common applications.
- The Safety of Life (SoL) Service, available since March 2011, suitable for safety critical applications such as flying aircrafts or navigating ships through narrow channels.
- The Commercial Service (CS), based on EDAS (EGNOS Data Access Service) enabling specific applications for professional markets.

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