



M E N T O R E

EGNOS and Galileo for Regulated Tracking & Tracing services

The role of Regulations

The European Union has already established a number of regulations requiring precise, reliable and up to date knowledge of geographic position. In the near future, present policies may evolve towards new regulations.

These regulations take advantage of satellite navigation applications, commonly regrouped under the term "Tracking & Tracing", as a tool to localise and remotely monitor assets and persons.

The Commission has recently presented a "Green Paper on Satellite Navigation", defining a framework for satellite applications in Regulated "Tracking and Tracing" domains.

With the advent of EGNOS and Galileo, "Tracking & Tracing" applications and services are expected to develop rapidly.

What is MENTORE?

MENTORE (iMplemENTation of GNSS tracking & tracing Technologies **f**OR Eu regulated domains) is a two-year project promoted by the **European GNSS Supervisory Authority (GSA)** through funds from the 6th Framework Programme.

Capitalising on the results of previous European research, **MENTORE** analyses the technologies, service platforms, market scenarios and the service provision schemes of EGNOS/Galileo-based Tracking & Tracing regulated services.

Radioactive Transport



Regulated control of fissile material transport ensures the protection of the public and the environment.

Present remote tracking & tracing systems make use of GPS. **EGNOS and GALILEO differentiators** rely on enhanced performances and new services, such as signal authentication and Public Regulated Services.

Livestock Transport



A Council Regulation on the international transport of livestock introduces the compulsory use of satellite navigation systems by 2009.

The need to guarantee the information related to position, travelling times and routes is a must which can only be achieved with the **signal integrity** provided by EGNOS/Galileo.

MENTORE Pilot Services

MENTORE implements and operates 5 real-life Pilot Service Demonstrations in various application domains: transport, freights and goods, animals and persons.

The regulated services are driven by commercial and public interest requirements.

MENTORE Outcomes

MENTORE supports the Commission's "GREEN PAPER on Satellite Navigation Applications".

The project will give guidelines for the creation of best practices in regulated Tracking & Tracing services of EGNOS towards Galileo.



MENTORE Partners

MENTORE involves 17 Partners in 6 EU countries and Canada: service providers, industrial groups, telecommunication providers, market operators, transport authorities, regulatory bodies and agencies.



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