



# 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 fOR 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.

## Agri-food Traceability

Devastating epidemics have increased the EC's concerns in terms of food traceability. The EC "White Paper on Food Safety" of 2000 and the EC Regulation 178/2002 are relevant tools to meet the ever increasing need for effective and efficient trace back for the health of European consumers.

Use of technology solutions based on Satellite Navigation provides food transportation tracking and product monitoring, thus supporting "farm to table" food safety policies.



## 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 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.



## 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.



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