

## **GMV IN THE TRANSPORTATION MARKET**

Since 1994, GMV has been providing Intelligent Transportation Systems (ITS), offering turnkey solutions and getting involved in complete project development, from analysis and design through installation and completion, including the development of proprietary hardware and software. GMV develops applications adapted to industry needs; integrating satellite navigation, mobile communications, tracking and control centres and user information.

### **Experience of GMV in Road Transport**

Our supply in the road transport sector includes:

- Operating Support Systems (OSS) for managing passenger transportation.
- State-of-the-art Web/Mobile real time traveller information systems.
- Multimedia format, real time user information systems (UIS).
- Public transportation management systems to meet passenger demand.
- Transportation service planning tools (OPTISAE®).
- Fleet management and dispatch systems for diverse sectors such as Logistics, Healthcare, Security (HEGEO®).
- Online service mode fleet management solution (Moviloc®).
- Service mode fleet management solution (Moviloc- Bus).
- Electronic Toll Systems.
- Street parking management systems (SISGAP).

### **Experience of GMV in Rail Transport**

GMV's OSS railroad solution, SAE-R®, allows urban and interurban operators to have an integral system for transportation planning, management and operation. The system integrates GPS, odometer and beacons for position calculation, a 24/7 control centre, real time communications between vehicles and the control centre and planning, management and operation tools.

### **Experience of GMV in Maritime Transport**

GMV deploys coastal networks of AIS base stations. These systems make possible to receive, process and distribute the tracking information that the vessels transmit through their AIS terminals according to the requirements established by the International Marine Organization (IMO).

Functionalities include:

- Navigational support: reading of position, speed and heading of the ships; weather data; DGPS corrections; positioning of buoys and other existing navigational supports.
- Monitoring of traffic from the control centres or via Internet.
- Compliance with IMO standards and IALA recommendations.

GMV is responsible for the deployment of AIS base station coastal networks for Puertos del Estado [government-owned ports] and Ports of the Regional Government of the Canary Islands in Spain as well as for the port authorities of the Azores and Madeira islands in Portugal.

## **AREAS OF INTEREST IN VII FRAMEWORK PROGRAMME FOR GMV**

The areas of interest in the first call of VII Framework Programme for GMV are the following ones:

- SST.2007.3.2.1 European Bus Systems of the future.
- SST.2007.2.1.1 Vehicle/Vessels and infrastructure concepts for inter-modal freight transport.
- SST.2007.2.2.3 Promotion of Short Sea Shipping and inter-modality.
- SST.2007.2.1.5 Future long-distance freight road transport.
- SST.2007.2.2.3 Promotion of Short Sea Shipping and inter-modality.

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