



# M-TRADE project



## Project General Information

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- ▶ **M-TRADE: Multimodal TRANsportation supported by Egnos**
- ▶ **GJU 6FP - Second Call:**
  - ✓ **Area 1A Special User Communities**
  - ✓ **User Community UC#3: Multi-modal transport and remote asset tracking:** characterised by applications in support of the implementation of the EU white paper on transport policy
- ▶ **Project duration: 18 Months (Kick-off on 19.09.2005)**
- ▶ **Total project cost: 2.065.272 Euro (GJU contribution: 1.151.284 Euro)**
- ▶ **Project Team: 13 Partners (see slide) - Project Coordinator: Telespazio**
- ▶ **POCs:**
  - ✓ **GJU Project Officer: Mario Musmeci**
  - ✓ **Telespazio Project Coordinator: Antonella Di Fazio**



## Project Overview (1/2)

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### ▶ Objective:

To analyse, assess and validate the introduction of GNSS positioning technologies (EGNOS and future GALILEO services) in the multimodal freight transport user community

### ▶ Activities:

- ✓ Development of GNSS services to enhance quality of multimodal freight transport;
- ✓ Assessment of “service enabler” indicators (technology, market, user aspects, social benefit parameters, standard and regulatory framework);
- ✓ Demonstration and evaluation of EGNOS and GALILEO “differentiators”, in terms of security, efficiency and performance of freight combined transport;
- ✓ Validation of interests and business opportunities for the target UC sector;
- ✓ Awareness & Dissemination



## Project Overview (1/2)

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### ▶ Approach

Implementation of a demonstration, to validate and verify through a real-life pilot the impacts and differentiators of EGNOS and GALILEO use for container remote monitoring and asset management

### ▶ Expected results:

- ✓ Development of GNSS-based services for increasing competitiveness and attractiveness of the multimodal transportation sector;
- ✓ Pulling the introduction of GNSS (EGNOS/GALILEO) use in the target UC;
- ✓ Supporting EU policies towards multimodal transport exploitation, for a sustainable transport (White Paper, ERRAC)

## M-TRADE Demonstrator



### M-TRADE Demonstration

- ▶ Real-life pilot for Intermodal Loading Unit (ILU) remote monitoring and asset management
- ▶ Along a typical freight chain, combining maritime-road-rail-river stretches of the trans-European corridor V and VII:
  - ✓ Ports of Genoa
  - ✓ The Interport road-rail of Bologna
  - ✓ The Interport rail-road-river of Budapest.

## M-TRADE Team

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### ▶ 13 European Partners

- ✓ Telespazio (I) - **Coordinator**
- ✓ Alcatel Alenia Space France (F)
- ✓ Bilk Kombiterminál (HU) (\*)
- ✓ GMV Sistemas (E), HITEC (A) (\*)
- ✓ Indra Espacio (E)
- ✓ Interporto Bologna (I) (\*)
- ✓ Kayser-Threde (D) (\*)
- ✓ LogicaCMG Nederland (NL)
- ✓ SeT-ELSAG (I)
- ✓ Trenitalia – Direzione Generale Operativa Logistica (I)
- ✓ TTS Italia (I)
- ✓ Via-Donau (A)

(\*) **SME**



[www.telespazio.it](http://www.telespazio.it)

<http://www.newapplication.it/mtrade/>

