

GMV AEROSPACE AND DEFENCE

# EUCISE INDUSTRY DAY

Brussels, September 2015

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RELEASABLE VERSION



# A GLOBAL TECHNOLOGY GROUP

Multinational  
technology  
group



Headquarters  
in Spain  
(Madrid)

Private  
capital

Over 1,200  
employees



Aeronautics, Space, Defense,  
Security, Transportation, Healthcare,  
Banking & finances, and ICT  
industries.

Founded in  
**1984**

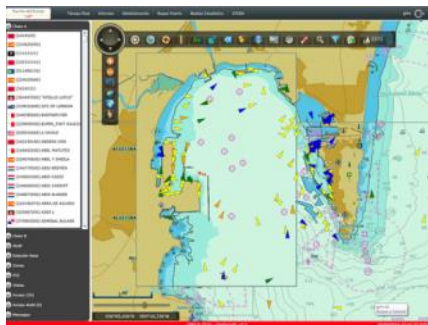
Subsidiaries in 10 countries



115 M€  
turnover

Engineering,  
development and  
integration of  
systems, software,  
hardware, specialized  
products and  
services

# BORDERS AND MARITIME SECURITY



Supplier of **AIS coastal networks, VTS and tracking systems** for fishing vessels. **Shiplocus suite.**

Services for **EMSA**



Development and maintenance of **EUROSUR** Network for FRONTEX



Development of C4ISR systems. **Socrates Suite.**

**MARSUR** study  
Fishery surveillance system

**SIVE Programme for Guardia Civil.**  
**CLOSEYE Project.**  
**SIGO System for SASEMAR.**



Major provider of EO Services and Applications.  
**LIMES, MARISS, NEREIDS, SAGRES, LOBOS, CAPSAT.**

**SIMONS Ship Monitoring System** – SAR/AIS data fusion processor.

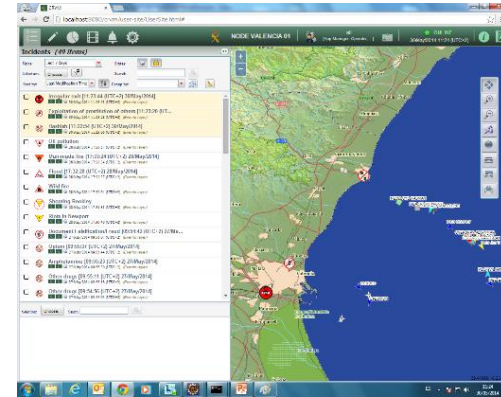
# GMV's SOCRATES SUITE

- The **Socrates suite** is composed by
  - Socrates **OC - Operation Center**
  - Socrates **TSK – Tasking & Resource Management**
  - Socrates **FR – First Responder**
  - Socrates **SET – Sensor Exploitation Tools**
  - Socrates **BI – Business Intelligence**
  - Socrates **CSS – Collaboration Services**
- Used by GMV in:
  - **SIVE Programme** (Spanish Border Surveillance). CRVM node in Valencia
  - **FP7 DRIVER Project. *Driving Innovation in Crisis Management for European Resilience.*** Crisis Management System-of-Systems Demonstration Programme
  - **FP7 CLOSEYE Project. *Collaborative evaluation Of border Surveillance technologies in maritime Environment bY pre-operational validation of innovative Solutions.***
  - **CAPSAT Project.** Guardia Civil Satellite Based Surveillance Platform. Integration with GMV's **SIMONS** Ship Monitoring System.

# SOCRATES SUITE

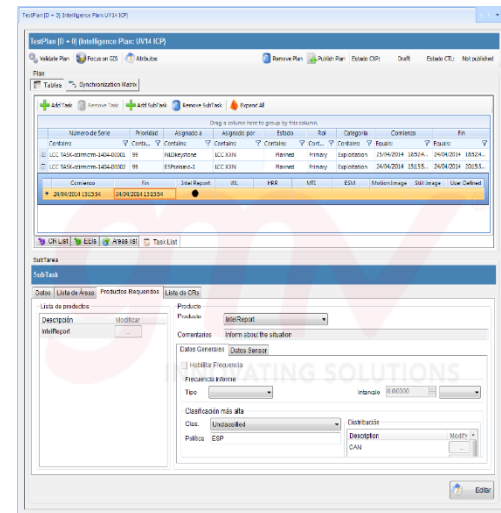
## – Socrates **OC**

- Shared Situational Awareness tool that depicts the Common Shared Picture
- Supports data exchange providing SOA (Web Services) interfaces to interact with external systems
- Process tracks data (AIS, AVL, Radar (ASTERIX), GMTI, Link16/JREAP...)



## – Socrates **TSK**

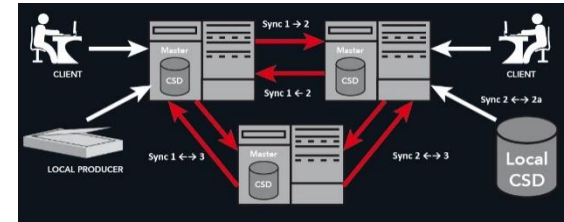
- Manages tasks, the assignment of resources and monitoring of response actions on a GIS
- Distributed and cooperative planning. Improves the coordination of multinational /multiagency Missions through assets and tasking requests.



# SOCRATES SUITE

## – Socrates **CSS**

- Persistent storage and dissemination of
  - Structured data: Events, incidents
  - Files: Imagery, reports, video files
  - Video streaming services with metadata
  - Track streaming services
- Metadata automatic synchronization among nodes
- SOA architecture (Publication services, Subscription and notification services)
- Web administration console
- Web client applications (thin clients)
- Web services for integration with other tools
- Security accreditation





# Thanks

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