

## DEFENCE

# Multidomain Command and Control Suite

**Socrates C2** is being used for Defence, Crisis Management, Border Surveillance and Maritime Surveillance.

**Socrates C2** covers all levels of Command, from fixed Control Centres to mobile Command Posts and deployed assets.

Open architecture solution with support for interoperability standards, enabling capability extension and integration with external systems.

[marketing.defense@gmv.com](mailto:marketing.defense@gmv.com)

[gmV.com](http://gmV.com)



## SUITE CAPABILITIES

**Socrates C2** from GMV offers a complete Command and Control System for multiple domains. The system has been validated in several operational trials.

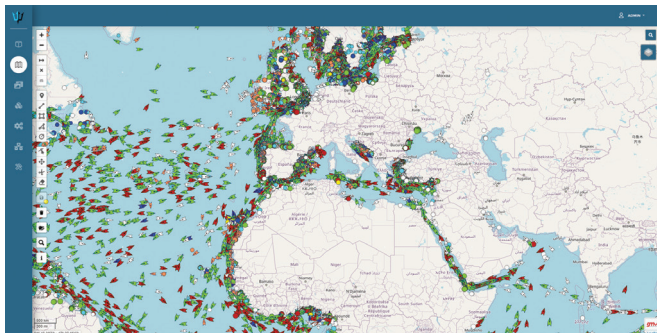
**Socrates C2** functionalities include:

- Maritime and Land border surveillance
- Vessel tracking, filtering and reporting tools
- Multimedia and video streaming capabilities
- Behaviour analysis and anomaly detection powered by AI and rule based services
- Shared Situational Awareness
- User Management and Access Control
- Data fusion services
- Decision support tools services
- EO Analysis services
- Density and heat maps and WMS layers
- Integration and exploitation of UXV data

## USER FRIENDLY

**Socrates C2** provides a web interface enabling intuitive access to the capabilities offered by the system.

The system stands out for its great performance in information management including historical data and the fluidity of the interface, handling more than 15.000 incoming entities per second.



## READY FOR DEPLOYMENT

**Socrates C2** follows a modular approach using a set of independent plug and play micro services. It implements a big data infrastructure that communicates all the different services and stores the exchanged information.

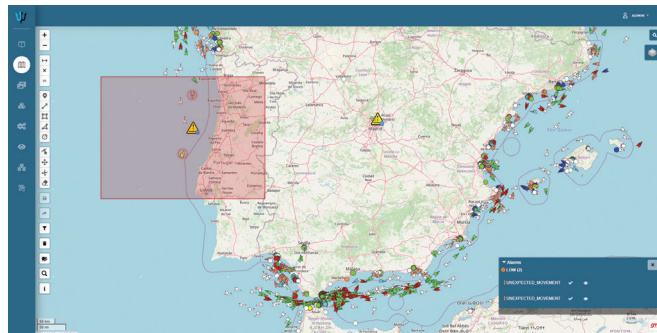
It enables multiple clients or operators to connect simultaneously to the system, following role based security measures.

**Socrates C2** is compatible with OGC geospatial servers being tested with most used commercial and open source solutions.

**Socrates C2** supports interoperability standards:

- Tracks: AIS, ASTERIX, Link16, IVEF
- European Networks: CISE, e-CISE, MARSUR
- OTH-GOLD, MARIX
- JISR STANAG 4609

**Socrates C2** makes intensive use of reliable open source tools, helping your organization in optimizing Total Cost of Ownership.



## A proven track record, a bright future

For more than twenty years, GMV has been developing advanced solutions for Command and Control.

Our highly skilled team is ready to support your organization and to respond to the most demanding needs.

## References

EUCISE - European test bed for the maritime Common Information Sharing Environment.

MARISA - Maritime Integrated Surveillance Awareness.

ANDROMEDA - An EnhanceD Common InfoRmatIon Sharing EnvironMent for BordEr Command, Control and CoordinAtion Systems.

Spanish Navy SMACS System - Spanish Maritime Affairs Cross Sectorial.

PROMENADE - imPROved Maritime awarENess by means of AI and BD mEthods.

SIVE - Spanish Maritime Border Surveillance System.

SASEMAR iSAR system - Spanish Maritime Search and Rescue agency.

DOMUS - Demonstration Of Multiple U-space Suppliers.