

## IRPS Achievements

- **Cooperative Project**
  - Technology Innovation brought from lab to Operational application
  - IRPS Service Demonstration ( IRPS Simulators+ Live demos)
  - IRPS/ LIMS showcase
- **Technology Integration & Showcase**
  - Mobile Robotic Platform : MRP development & Integration (PIAP, ISR)
  - LIDAR Measurement System Sensor :LIMSS development & Integration. (IAI, Scisys)
  - LIDAR Measurement System development & Integration (LLG, ISR, CS)
  - Mission Control Center MCC development & Integration (Scisys, CS)
  - **IRPS Global Reference Model IGRM development & Integration (CS, LLG)**

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1



## Mission Control Center & 3D Vizualisation




- MCC Operators can monitor and control the platforms
  - **2D and 3D interactive visuals**
- MCC Operators can inform the security in case of a suspicious obstacle and change in environment

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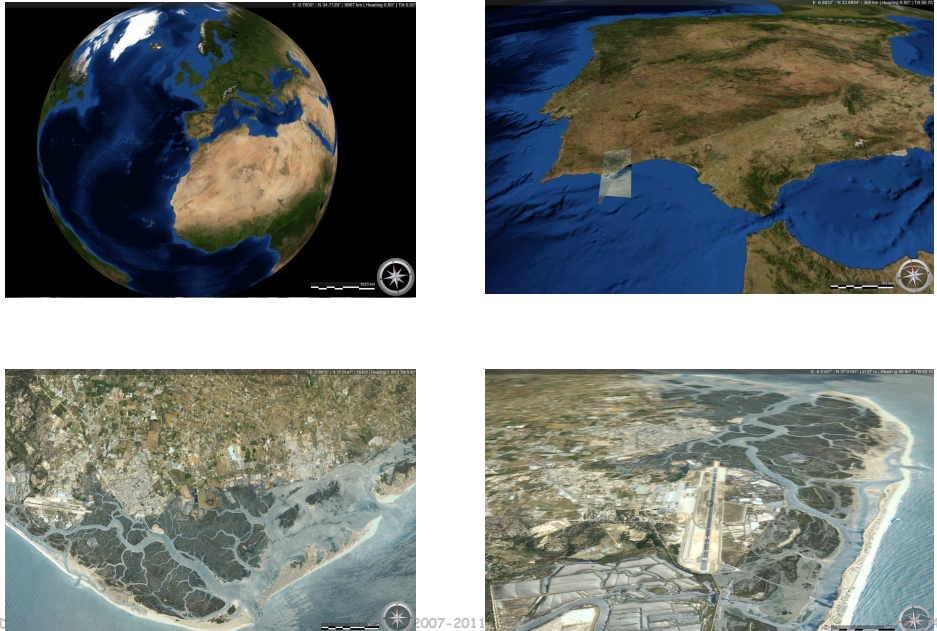
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 **MCC: Mission Control Center  
IGRM  
LIMS integration bench**

- VGeo software product improved
  - Interfacing with partner data exchange such as 3D data
  - Performing LIDAR Simulation for visualisation
  - Highlight of features for the MCC operator
- Complete simulation software tools for unitary testing and integration procedure with core functionalities.
- High quality dissemination video

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 **Mission Control Center 3D**



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 **Mission Control Center 3D**

High quality rendering




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 **Mission Control Center 3D**

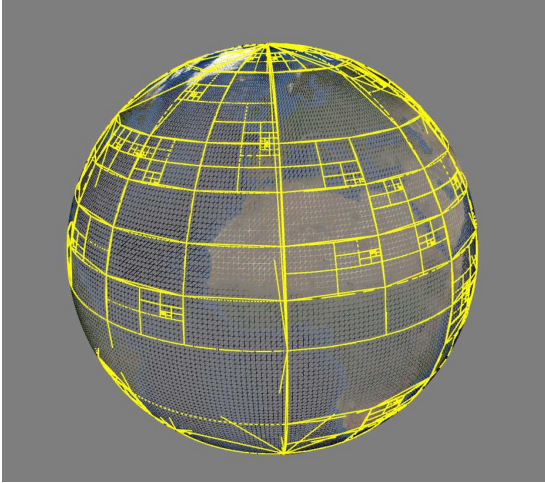
High quality rendering



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 **Mission Control Center 3D**

Handles large datasets



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