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experience



Geoguard Satellite monitoring platform

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PROJECT MANAGEMENT OFFICE





OBJECTIVES

Innovative service for the precision monitoring of critical infrastructures and natural hazards

- Accuracy <1mm
- Continuity of monitoring
- Economically sustainable
- Integration between different sensors

MAIN TECHNOLOGICAL COMPONENTS

SENSORS

- One or more latest generation satellite receivers, each with two GNSS antennas
- Geoguard Cloud, able to analyze RAW data to produce millimeter displacement precision
- Multi-Sensors interface, able to acquire additional parameter7data that could influence the displacements

USER INTERFACE

- Easy and intuitive web user interface
- Automatic generation of reports and alarms
- Interface with external systems

