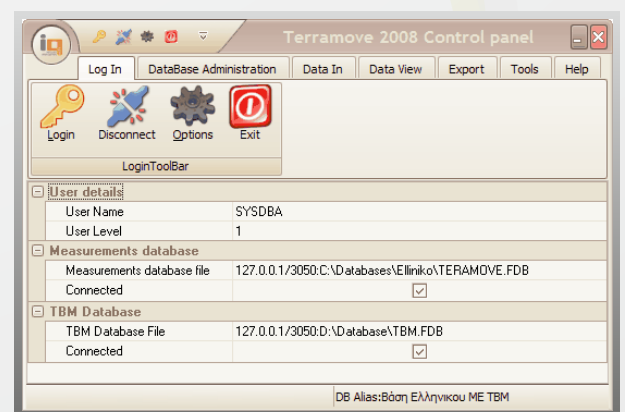
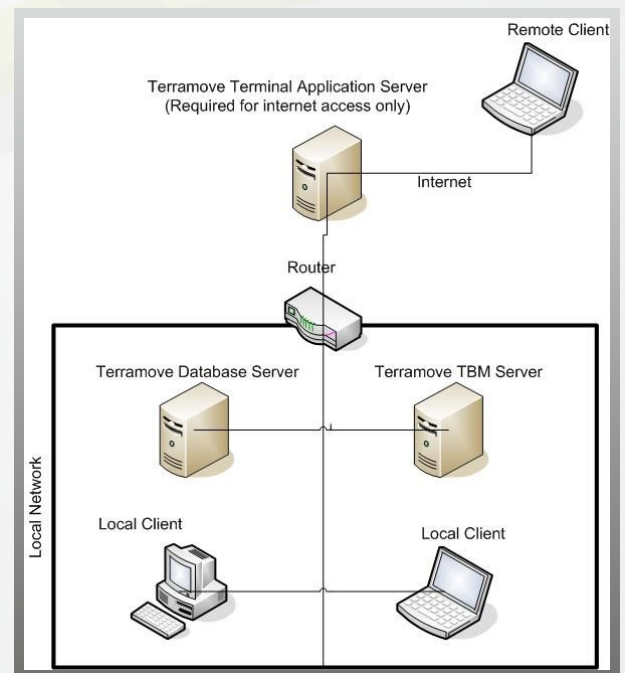


Geomechanical and Structural Monitoring Data Management System (GSMDB)

The complete monitoring solution for monitoring construction with topographical, geotechnical and environmental measurements. The system can be customized according to client's specifications.

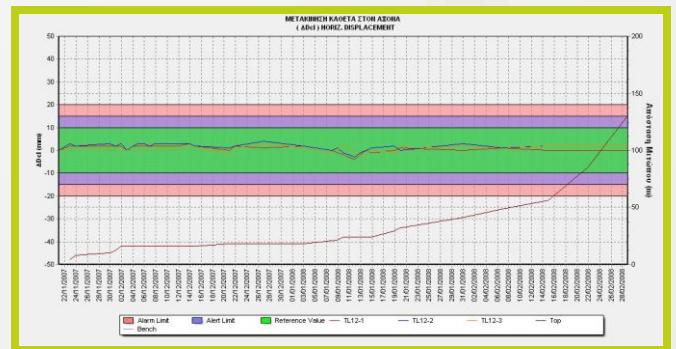
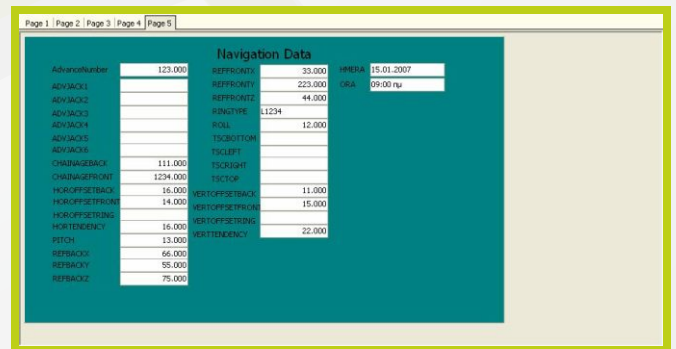
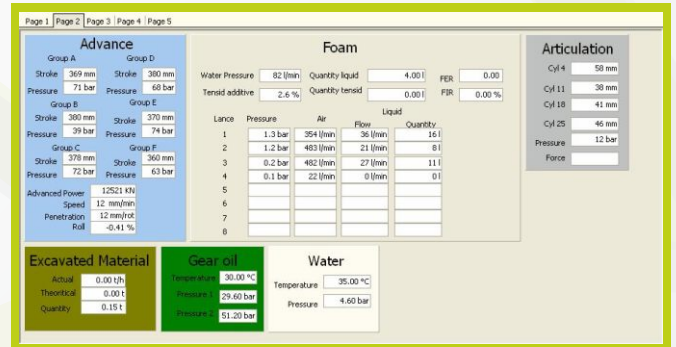
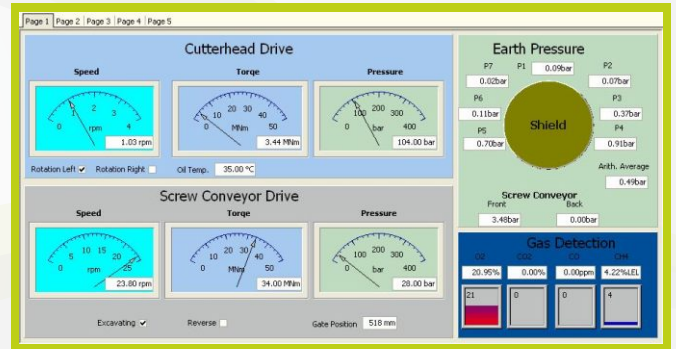
Main features

- User Friendly interface, multi Language support.
- Access to multiple databases and multiple servers, support up to 7TB Database size.
- Full statistics for any area of the project.
- Import measurements from AMS systems.
- Background import from DWG/DXF files.
- Access to all diagrams for any instrument from the horizontal plane of an area.
- Combine instrument measurements, work progress and alarm levels in one diagram.
- Automated creation of printable report with diagrams and measurements.
- User defines diagrams' display parameters.
- Real time check alarm levels during import progress, handles multiple alarm levels.
- Create iso settlements on any time span for a user defined group of points.
- Export measurements to various file formats including AGS format/AGSM format.
- Supports up to 2 TBM and can be customized for more.
- Real time diagrams for any TBM parameter, TBM real time monitoring for all parameters.



Supported Instruments

- 🌀 TBM
- 🌀 3d Points
- 🌀 Level Points
- 🌀 Tunnel Sections
- 🌀 Inclinometers
- 🌀 Extensometers
- 🌀 Micrometers
- 🌀 Sliding Micrometers
- 🌀 Pressuremeters
- 🌀 Boreholes
- 🌀 Pillis
- 🌀 Crackmeters
- 🌀 Load Cells
- 🌀 Straingages
- 🌀 Magnetic extensometers
- 🌀 Water Income
- 🌀 Meteorological data



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