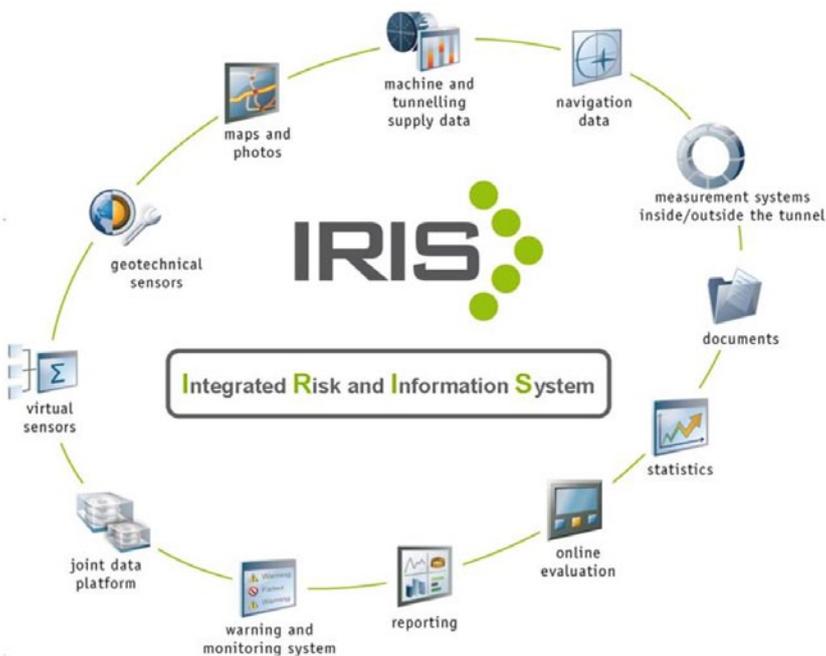




MANAGE Information

The availability of actual data in real time is a basic requirement for optimal control of the tunnel driving process and risk minimization.

IRIS.tunnel / IRIS.microtunnel



VMT offers with IRIS (Integrated Risk and Information System) a modular and web based multi user system whose acquisition, analyzing and evaluation functions are specifically developed for mechanical tunnelling.

Data management and communication is done locally on site or centrally via the internet.

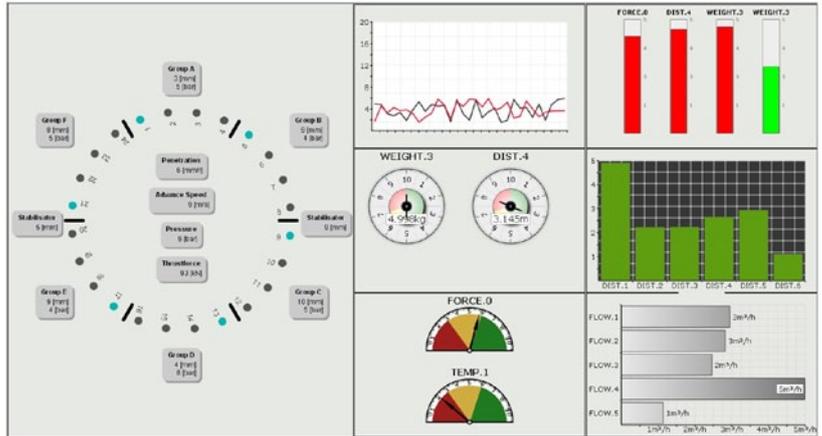
IRIS covers all aspects of data processing for TBM drives.

IRIS.tunnel / IRIS.microtunnel

IRIS allows flexible visualization and evaluation of various measured tunnelling data and can be ideally combined with other VMT products.

Advantages

- Interdisciplinary data visualization
- Objective and quick reporting
- Early recognition of critical situations
- Risk management
- Recovery of performance parameters for future tendering
- Date base for subsequent claims in real time



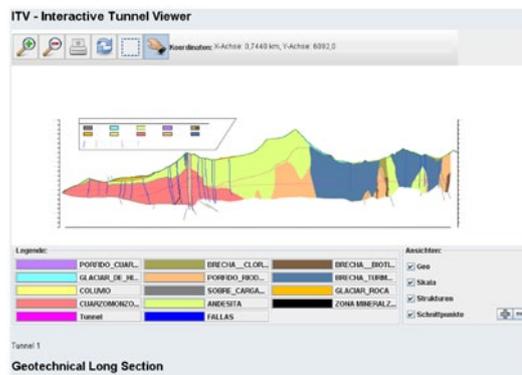
Features

- Online data acquisition
- Document management system
- Diagram management
- Shift log (daily, weekly)
- Extensive reporting module
- Statistics module
- Import/Export modules
- Integration of various measuring systems
- Key data calculation
- High data security

IRIS includes visualization of data in standardized diagrams, reports or other evaluation possibilities which can be upgraded or customized to user-specific requirements.

Visualization of machine data

The access on the system is password protected on different user levels.



Geological longitudinal section