
Leica GeoMoS Monitoring – From Any Data to Final Information

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Optimising safety and minimising risks are two vital requirements for those responsible for critical infrastructure. The dynamics of a landslide or of wide area crustal deformations caused by a seismic event can impact or damage existing structures. Deterioration or change of a structure's materials due to the extended lifetimes of bridges, dams and buildings can challenge theoretical designs and models with the reality of the real world.

The flexible Leica GeoMoS monitoring solution supports the control and integration of any sensor or external data pool. All raw data is

managed and stored in a centralised database system.

The integrated 24/7 processing module continuously generates and combines specific results out of all connected and validated raw data streams. The smallest movements or changes are detected in real-time and the intelligent messaging module notifies the responsible system operators and experts.

Flexible, automatic visualisation and distribution of actual information take place via a Web-based software platform. By simply using a browser, those responsible are informed at any time on any device.

