

Leica GeoMoS Scanning

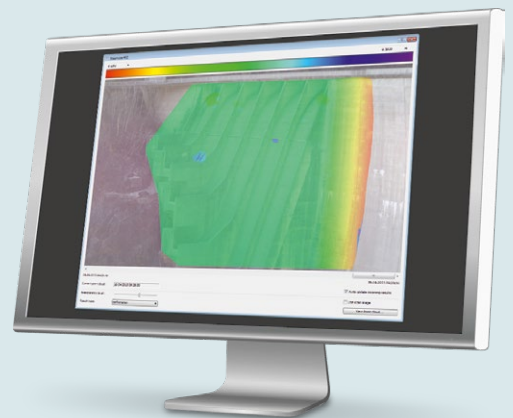
Absolute control in deformation monitoring

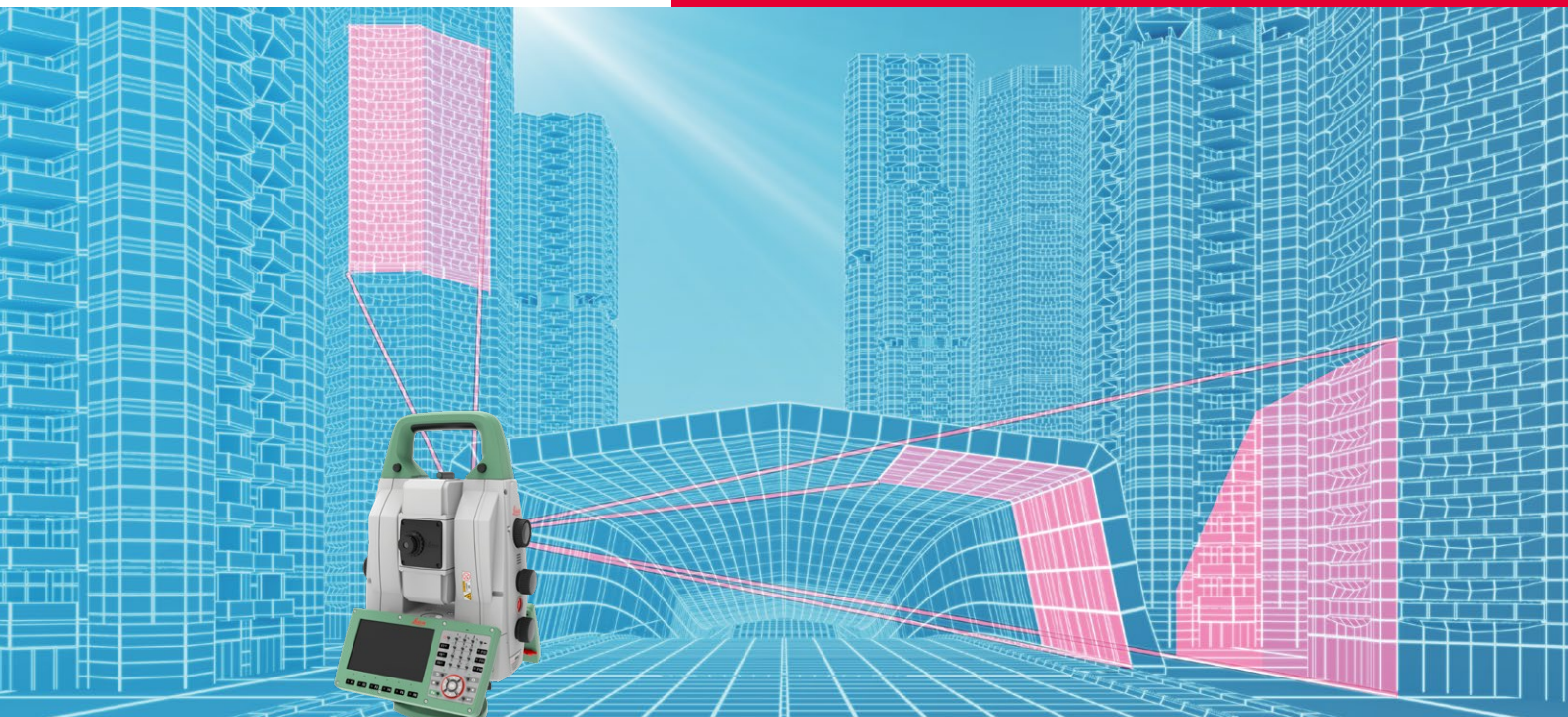
Monitoring
Solutions



Leica GeoMoS automatic scanning module with n.Vec technology: A breakthrough in deformation monitoring.

- First-ever automatic scanning solution in an integrated monitoring system
- New n.Vec Technology provides the automatic scan cloud processing to deliver the real-time deformation information
- Highly detailed surface monitoring and wide area coverage
- Laser scanning and prism monitoring combined for enhanced accuracy, quick data interpretation and easy decisions
- Powerful 3D visualisation and traceable history of deformations in the scanned area
- Scan clouds combined with high resolution image information
- Automatic deformation limit checks inside the scan area and real-time alerts via e-mail and/or SMS





GeoMoS Scanning – Read between the lines

The Leica Nova MultiStations with Leica GeoMoS: A break-through in deformation monitoring

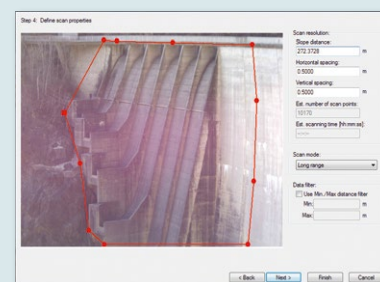
Automatic deformation scanning

Leica Geosystems creates another chapter in their long history of innovation by presenting the most advanced deformation monitoring solution! For the first time, Leica GeoMoS enhances conventional monitoring methods with automatic scanning of surfaces. Be it a bridge, a roof, a building or a natural structure – Leica GeoMoS real-time scanning solution monitors any deformation and makes sure that no movement goes undetected.



Seamless workflow with brand new n.Vec Technology

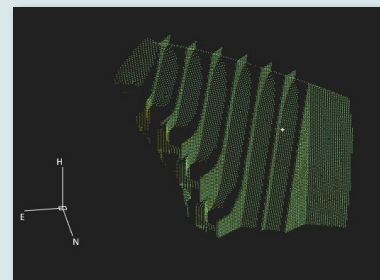
Leica GeoMoS scan wizard guarantees fast, image-assisted creation of a scan area, either using predefined or manually defined shapes. It can even be defined between prisms or where it is impossible to mount them (roads, facades, monuments, inaccessible constructions, etc.). Leica GeoMoS n.Vec Technology provides automatic deformation analysis. Once defined, a scan area can be added to the automatic measurement cycle, ensuring fast integration with existing GeoMoS projects and an easy start for new users.



3D visualisation of deformation clouds

Leica GeoMos Scanning technology visualises all results using colour-coded deformation clouds within a panoramic 3D viewer. High resolution images and traceable deformation history ensures clear presentation of information.

Leica GeoMoS Scanning together with the Leica Nova MultiStations are designed to complete every monitoring task imaginable.



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