

# Sensor Network

Seamlessly integrated into the software

Our sophisticated monitoring solutions combine a wide array of geodetic, geotechnical and environmental sensors with fully customisable software. Regardless of whether your projects are short or long term, straightforward or challenging, be assured with Leica Geosystems monitoring solutions you can always find the best solutions for your projects.



### Total Stations and MultiStations

Choose from world-renowned Leica Geosystems' total stations and MultiStations for accurate and reliable monitoring with imagery suited for all environments.



### GNSS Receivers

Equipped with the latest GNSS technology, our receivers and smart antennas exceed all your monitoring needs.



### Communication Devices

Compact plug and play solutions provide field to internet connectivity with increased mobility for sensors and external devices.



### Radar Support for Monitoring

Seamlessly integrated solutions from Leica Geosystems Monitoring and IDS GeoRadar benefit users with added complimentary functionalities.



### Monitoring Prisms

Crafted with high-grade glass, precision alignment, and specialised coatings, our monitoring prisms deliver durability and peak performance – even in harsh environments.



### Digital Levels

Alleviate demanding levelling tasks with automated functions and minimised errors done in quick time.

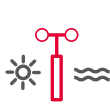
### Other sensors



Vibrating wire



Crack meter



Weather station



Piezometer



Data logger



Extensometer



In-place inclinometer



Webcam



Tilt meter



CSV import

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- when it has to be **right**



leica-geosystems.com  
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- when it has to be **right**



# Monitoring Solutions

Assurance done **right**.



### Leica Geosystems – when it has to be right

With more than 200 years of history, Leica Geosystems, part of Hexagon, is the trusted supplier of premium sensors, software and services. Delivering value every day to professionals in surveying, construction, infrastructure, mining, mapping and other geospatial content-dependent industries, Leica Geosystems leads the industry with innovative solutions to empower our autonomous future.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 24,500 employees in 50 countries and net sales of approximately 5.4bn EUR. Learn more at [hexagon.com](http://hexagon.com) and follow us @HexagonAB



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Leica TM60  
Leica MS60



Leica GM30  
Leica GMX910



Leica M-Com



Leica GeoMoS  
Software Suite





# Monitoring Solutions

Trust a partner with **experience**

No other company can provide the depth of experience in the acquisition, management and analysis of spatial data for deformation monitoring. Leica Geosystems has 200 years of experience in precise measurement and over 30 years of experience with automatic deformation monitoring systems. Every year monitoring solutions releases high-end hardware and software innovations, creating new standards for deformation monitoring.

# Applications

For all your **needs**

Every monitoring project is different and unique. Leica Geosystems monitoring solutions combine versatility and flexibility in adapting to your project's requirements, regardless of the object of monitoring or its environment. Whether it is human activity or natural process, you can rely on the proven solutions from Leica Geosystems to always provide the highest performance and sustainability.

# GeoMoS

Sensor to **browser**

Leica Geosystems monitoring solutions provide seamless integration of hardware and software. Simple to install in the field, the sensors are promptly connected to the cloud or on-premise GeoMoS solution, which informs you about all the movements and changes instantaneously. The comprehensive visualisation of results is easily accessible over the browser from any mobile device, at any time.

