



CONSTRUCTION



Geotechnical instrumentation and connected sensors

Thanks to wireless sensors, Newsteo offers a range of data loggers dedicated to geotechnical instrumentation. Deploy your sensors network in order to measure inclination, crack, displacement... and visualize your real-time measurements in the Newsteo Cloud.



➤ **EASE THE INSTRUMENTATION** of your activity by going wireless:

faster installation of your measurement points, those can also be moved after their deployment

➤ **WIDE SELECTION of sensors:** crackmeters, extensometers, inclinometers, strain gauges...

➤ **CHOOSE THE DISPLAY OF YOUR MEASURES**

Newsteo web application or dedicated software, API ModBus integration...

▲ CREATE YOUR OWN COMMUNICATING SENSORS NETWORK

- Set the Newsteo data loggers and associated sensors on site
- A range of resistant products, IP65 aluminium case especially designed for geotechnical applications
- The sensors' measurements are transmitted to the supervision station by radio/Ethernet or 3G-4G



Crackmeters



Powered sensor



Strain gauge



▲ VISUALIZE THE MEASURES

Newsteo offers a wide range of softwares and gateways to allow you to automate the collection of your measurements: **no risk of forgetting, no loss of data, no on-site travel required** and simultaneous communication with several hundreds of wireless data loggers.

▲ WEBMONITOR SOFTWARE

- ✓ View your **measures in real time**
- ✓ Set up immediate email and SMS alerts
- ✓ Personalize your dashboard
- ✓ Display **graphs, thresholds and statistics**
- ✓ Receive your **PDF report directly in your mailbox**
- ✓ Access your interface wherever you are



▲ OUR REFERENCES



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