

# Solving your Monitoring Problems to make your life easier

Geotechnical • Structural • Environmental

- ▶ We provide turnkey monitoring solutions that are easy to install and operate, automating data collection, presentation and real-time alerts.



## GEOTECHNICAL AND STRUCTURAL MONITORING

From piezometers to tiltmeters, our sensors deliver precise measurements for assessing the stability and integrity of critical infrastructure. We also offer a wide range of data loggers and data acquisition systems for capturing and analyzing critical data points. With versatile connectivity options and user-friendly interfaces, our data loggers empower efficient data collection and analysis across diverse applications.

### BENEFITS

- ▶ Single supplier for sensors, data loggers and automated systems
- ▶ Easy installation with custom field ready kits and accessories
- ▶ Expert technical team provides support on behalf of manufacturers
- ▶ Purchase and rental options to meet your specific project needs



COMBINE OUR SENSOR TECHNOLOGY WITH A WIDE RANGE OF VERSATILE DATA LOGGERS AND DATA ACQUISITION TECHNOLOGY INCLUDING WIFI, 4G CELLULAR, LORA AND SATELLITE

## VIBRATION MONITORING

Specto Technology's vibration monitoring solutions help you manage and mitigate the risks associated with construction activities, machinery operations, and environmental vibrations. Each monitor is delivered in a weatherproof carry case with telemetry and advanced power options for reliable remote monitoring in any location.

### BENEFITS

- ▶ Fully configured systems allow for efficient installation
- ▶ Live alerts and PDF reports sent to your inbox for each event
- ▶ Geophone technology adheres to strict regulatory requirements
- ▶ Class 1 SLM for noise levels or Linear mic for air overpressure (blasting)



WE BUILD CUSTOM FIELD-READY KITS TO MAKE INSTALLATION EASIER. THIS INCLUDES CONNECTIVITY KITS, SOLAR AND BATTERY KITS, MOUNTING BRACKETS AND MORE.

## GEOSPATIAL MONITORING

Our geospatial monitoring solutions utilize Automated Total Stations (AMTS) and GNSS systems to provide high-precision measurements of geospatial movements and deformations. These systems offer real-time data on displacement and settlement, enabling proactive management of geospatial health and ensuring the safety and longevity of your assets.

### BENEFITS

- ▶ Customized solar power kits are available to ensure systems can run in any location
- ▶ We provide support and training for full systems to ensure end-to-end success
- ▶ We stock a large range of accessories, including specialized survey prisms & mounts
- ▶ The latest GNSS technology at an affordable price



OUR SOLAR POWER SOLUTIONS PROVIDE RELIABLE, OFF-GRID POWER SUPPLY, ENSURING CONTINUOUS OPERATION FOR LONG TERM PROJECTS.

## ENVIRONMENTAL MONITORING

We provide real-time monitoring systems for air quality and noise, either combined or as stand-alone all-in-one systems. Parameters including particulate matter (dust), VOCs, BTEX, Methane, H<sub>2</sub>S, SO<sub>2</sub>, NO<sub>2</sub>, CO, mercury vapor, meteorology, noise and vibration.

### BENEFITS

- ▶ Easy to install, set up in less than 2 minutes
- ▶ Advanced noise feature such as live listening and audio capture
- ▶ 2 way communications for remote access and support
- ▶ Light-weight battery packs make field work safer and easier



VIEW ALL OF YOUR DATA ON ONE LIVE PROJECT DASHBOARD USING EAGLE.IO. INCLUDES GEOTECHNICAL, STRUCTURAL, VIBRATION, NOISE, AIR QUALITY, WEATHER AND CAMERA.





**ABOUT US**

Founded in 2013, Specto Technology provides North America with wireless hardware and software solutions for Geotechnical, Structural and Environmental monitoring projects.

We believe that by sourcing the world's most advanced technology, we can solve any monitoring problem to make your life easier.

Translated from the Latin language, the word "Specto" means "to see" or to "watch". Thus, our solutions enable you to collect, view your data and receive real-time alerts with reliability and ease.

Discover how Specto Technology can enhance your project with turnkey monitoring solutions.

Contact us today to learn more and speak with our technical experts at:

**866-925-7737 | [sales@spectotechnology.com](mailto:sales@spectotechnology.com)**

**CUSTOMERS WHO RELY ON SPECTO TECHNOLOGY**

