

# Wireless Ground Monitoring

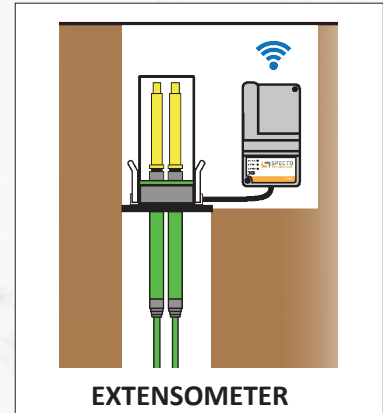


## System Overview

Specto Technology's automated, wireless ground movement monitoring system combines unique hardware and software technologies to provide customers with a simple and effective solution for unattended ground movement monitoring.

By leveraging the power of the simple, rugged WASP datalogger along with reliable borehole extensometer (BX) systems, below-ground movement may be monitored remotely and automatically.

Time spent on site is virtually zero thanks to the simplicity of the WASP and the fact that system configuration and management is done remotely through a simple web portal.



## Features & Benefits

- Borehole extensometer systems use displacement transducers sensors to accurately measure below-ground movement
- Ability to measure multiple points per borehole
- WASP datalogger collects data and transmits to the web up to twice per day
- Read up to 4 x sensors per WASP logger
- 5 year battery life (with daily upload)
- Fully potted electronics protect WASP from water ingress
- Setup, configuration and automated download done via web portal
- Plug-and-play installation (no on-site setup required)
- Proven technology (more than 5000 WASPs already deployed worldwide)
- Low subscription cost
- Compatible with eagle.io monitoring software

## Associated Products

- WASP Datalogger
- Borehole Extensometer
- Arest software
- eagle.io monitoring software

## How it Works

1. The WASP records data from the sensor at intervals determined by the user (as often as every minute)
2. Data is sent to the web over the cellular network each day (or when a threshold is exceeded)
3. Data is available for viewing in a web-browser (through the eagle.io software)

