

## Digital Inclinometer App

### Description

This industry-leading system measures any lateral movement in the earth via an inclinometer casing.

The app is designed for the field personnel to easily configure and collect readings from the inclinometer probe. The field personnel may configure multiple sites and multiple boreholes at each site. From each borehole location, the app performs all the "at-the-borehole" functions such as:

- connect with the RST Instruments reel and probe sensor using Bluetooth®.
- displays connection status, reel and probe information.
- validates that the probe is in an acceptable calibration state.
- collects borehole displacement at different depths.
- applies custom filtering algorithm.
- highlights the data quality levels shown both numerically and color-coded.
- prompts the user to accept or re-take readings.
- displays completed reading numerically and graphically.
- compares reading plots against historical readings.

The collected data may be uploaded via email or through direct connection to a PC for easy integration with the RST Inclinanalysis analysis software or other data processing packages.

The Digital Inclinometer App is commonly used for:

- On-site data collection.
- Compatible with the RST Instruments Digital Inclinometer System.

### Applications