

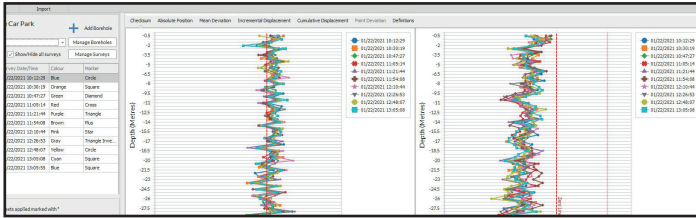
Inclopro Insight Visualisation Software

Inclopro Insight is a lightweight software for unlocking insights from inclinometer data. It is designed for use with the Geosense Portable Inclinometer system and provides clear data handling, visualisation, alarms and reporting across multiple sites and boreholes.



Inclopro Insight Visualisation Software

Product Overview



Inclopro Insight is a Windows desktop Geotechnical software package for use in conjunction with the Geosense Portable Inclinator system, providing clear data handling, visualisation, alarms and reporting across multiple sites and boreholes. It presents movement data in a simple, intuitive format while keeping detailed fields available for deeper analysis when needed.

Built for practical daily use, it supports multi survey import, straightforward dataset comparison and reliable prepopulated report generation, helping teams interpret Portable Inclinator results with confidence and communicate monitoring data clearly throughout a project.

SIMPLE IMPORT OF SURVEYS FROM THE PORTABLE INCLINOMETER ANDROID APP

Importing surveys is streamlined, designed specifically for use with the Geosense Portable Inclinator system. Alternative systems can also be supported.

VISUALISE. ANALYSE. UNDERSTAND

Inclopro Insight empowers users to visualise, analyse and understand sub-surface data with clarity and precision. Advanced graphing capabilities enable rapid correlation of datasets, identification of trends, and detection of anomalies through multiple survey overlays. Clear definitions enable the user to gain a deeper understanding and improve decision making throughout project lifecycles.

REPORTING MADE EASY

The integrated reporting engine enables users to rapidly generate clear, consistent, and professional monitoring reports with minimal effort. The intuitive template based workflow allows users to select datasets, configure charts, and apply required fields in seconds, while live previews ensure the final layout is accurate before export. Automated population of site details, date ranges, survey selections, and graph types streamlines repetitive tasks and reduces manual editing.



Optional elements such as visual alarms, status indicators, and annotations can be included with a single click, ensuring reports deliver both clarity and actionable insight.

With flexible export options and reusable templates, the reporting module transforms complex borehole and instrumentation data into polished, shareable documents that support reliable communication and informed decision making throughout every stage of a project.

APPLICATIONS

For the visualisation and presentation of data from:

Geosense Portable Inclinator System

Select Alternate System File Types – Information available on request

FEATURES

Rapid data import from Geosense IncloPro Android application

Data overlaid to highlight trends and detect anomalies

Checksum graphs

Absolute graphs

Mean/Point deviation graphs

Increment/Cumulative graphs

Highly configurable Visual Alarms

Simple Strata application user interface

Easily save views to highlight in reports

Multiple saved graph views for simple, repeatable data analysis

Quick to generate, reusable, editable reports in MS Word

Smart license allocation

Configurable user preferences options

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System Overview

DATA MANAGEMENT & SURVEY CONTROL

The system provides clear control over all available surveys for the selected borehole, allowing users to include or exclude datasets as needed.

A structured table displays the raw inclinometer readings for each survey, including depth values and A Axis/B Axis measurements, enabling transparent review of the original data before any visualisation or charting is applied.

Users can assign or adjust offsets, manage survey lists, and organise datasets through straightforward controls. This ensures a clean workflow for preparing survey data for plotting, comparison, and reporting while maintaining full visibility of the underlying measurements.

GRAPHING & VISUALISATION TOOLS

Highly flexible graphing options allow clear visual interpretation of deformation trends for both A Axis and B Axis data. Users can switch between deviation modes, apply incremental or cumulative views, and display selected surveys simultaneously.

Built in tools support zooming in and out, panning, adjusting axis limits, and toggling annotations for precise inspection of key data points.

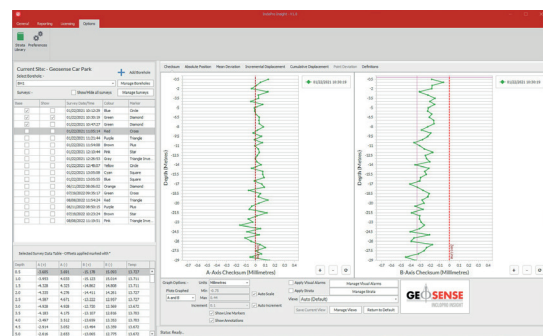
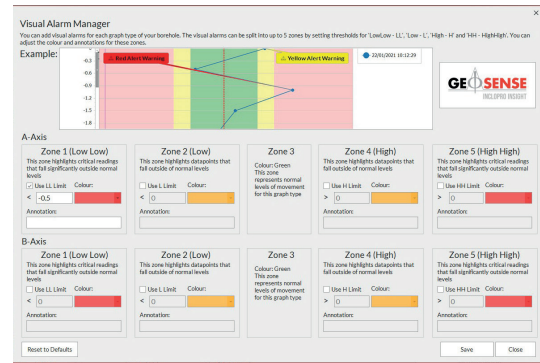
Visual alarms and reference lines help highlight threshold exceedances and notable changes in displacement profiles. Additionally, Strata application visualises data with respect to the ground formation.

DUAL-PANE AXIS VIEW

The dual pane layout displays A Axis and B Axis deviation graphs side by side, giving a complete picture of movement across both inclinometer axes in a single view.

Each pane reflects the same selected surveys and depth range, allowing users to quickly assess directional differences, confirm movement patterns, and understand how deformation varies between axes.

This arrangement supports fast interpretation without switching screens, providing a balanced and comprehensive visual representation of inclinometer behaviour.



REPORT METADATA CONFIGURATION

Users can add notes to highlight important features of the data, mark anomalies, or provide context for observed changes. Optional alarm indicators visually flag any values that exceed predefined limits, supporting quick identification of areas requiring attention.

CUSTOMISABLE DISPLAY & LAYOUT CONTROLS

The interface offers numerous customisation options, including selectable graph overlays, reference points, and reset/restore functions for default views. Users can manage visual layers, toggle depth grids, and adjust settings to create the clearest and most meaningful representation of subsurface behaviour.

TEMPLATE-DRIVEN REPORT CREATION

The reporting module provides a structured, repeatable workflow for generating high quality monitoring reports. Users can create custom templates that define required fields, preferred chart types, and included datasets.

Once created, templates can be reused to instantly generate consistent reports whenever new surveys are added, reducing preparation time and eliminating repetitive manual formatting.

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Software download, licence and recommended system requirements:

REPORT METADATA CONFIGURATION

Users can customise the cover page with a site name, date range, report title, and optional image. The system automatically inserts selected details into the preview, ensuring professional and coherent document structure. Metadata fields update dynamically based on the currently chosen datasets, maintaining accuracy across versions.

REPORT PREVIEW

A preview pane displays exactly how the finished report will look, allowing immediate verification of layout, content, and formatting. Adjustments to surveys, annotations, alarms, or front page elements refresh instantly, helping users fine tune the presentation before exporting.

EXPORT & AUTOMATION FEATURES

Reports can be generated on demand with a single click, producing ready to share MS Word documents that consolidate all selected data. Automated naming, date stamping, and versioning ensure consistent file management and traceability across reporting cycles.



SOFTWARE AVAILABILITY

The software can be downloaded directly via link and installed without a license; however, unlicensed copies operate in a restricted mode.

In this state, the software can open and reproduce any reports previously generated by licensed users, but core functionality such as creating new reports, modifying templates, or analysing survey data remains disabled. This allows unrestricted access for viewing historical reports while ensuring full feature capability is only enabled with a valid license.

LICENSING & SMART ALLOCATION SYSTEM

Licensing is based on a primary license key that can contain multiple sub licenses, allowing organisations to manage several users under a single key. Sub licenses typically last for one year and activate when the software is first setup by Geosense.

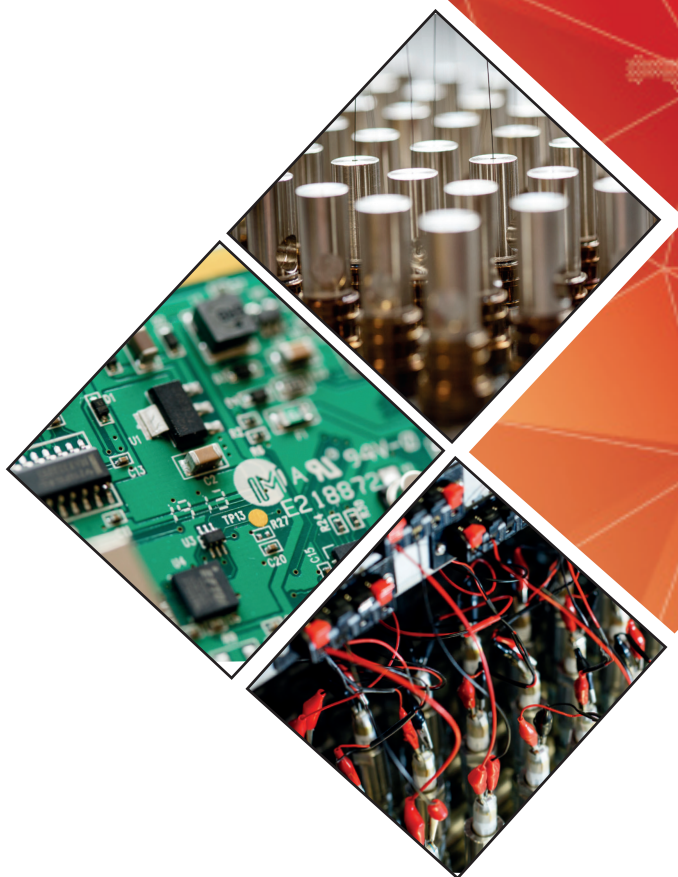
Once active, the software periodically checks in with Geosense GeoConnect to verify status. The built in smart allocation system ensures fair and efficient use: if a user remains inactive for more than two days, the sub license may automatically de allocate so another user can claim it. Licenses can also be manually released at any time to return them to the available pool.

When working offline, the software will retain an activation for up to 30 days before requiring an internet connection to revalidate. This flexible licensing structure makes it easy to manage usage across teams while preventing unnecessary lockouts.

RECOMMENDED SYSTEM REQUIREMENTS

For optimal performance, the software is recommended to run on Windows 11 or a current, fully supported version of Windows 10.

Systems should ideally have a recent multi core processor and at least 8 GB of RAM, with 16 GB or more recommended for handling large datasets or multiple open boreholes. A minimum screen resolution of 1920×1080 is advised to accommodate the application's multi panel interface.



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