



GEOSOFT TECHNICAL SUPPORT

Best Software Solution from Geotechnical Specialist

GeoSmart Monitoring Tools

-----Geotechnical Monitoring Data Management System

GeoSmart Monitoring Tool is a powerful software tool for geotechnical monitoring data management and data reporting. You will find handling a big monitoring project is so easy with the software tool.

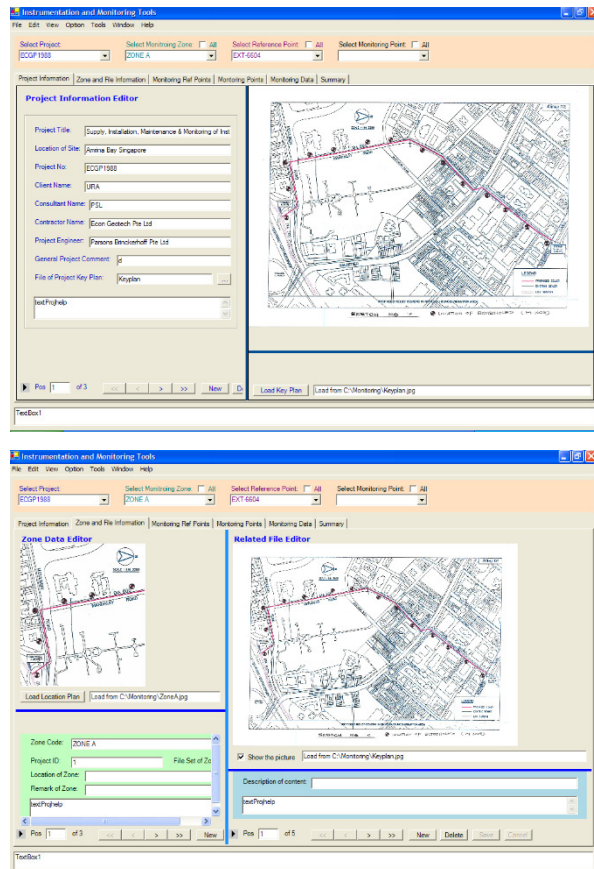
Key Feature of the Program:

Easy to handle the project related data, location plan, installation details and soil condition of monitoring point.

Organize and handle the project information and monitoring data by project, zone, reference point and monitoring point.

Smart data entry system. Calculation formula is built in the program; all the monitoring data curve will be automatically calculated and show by the program after data entry.

Flexible data entry, user can key in the daily monitoring data in an Excel file (All types of monitoring points in a Zone). And load the data to the monitoring database by one click.





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Monitoring Type:

Settlement point, Rod Extensometer, Pneumatic Piezometer, Electronic Piezometer, Magnetic Extensometer, Tiltmeter, Water Standpipe, Inclinator, Standpipe Piezometer, Strain Gauge, Load Cell, Total Station Point, Tape Extensometer.

Flexible Drawing View and Output:

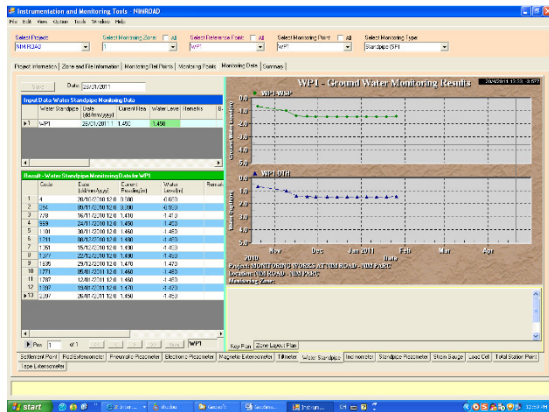
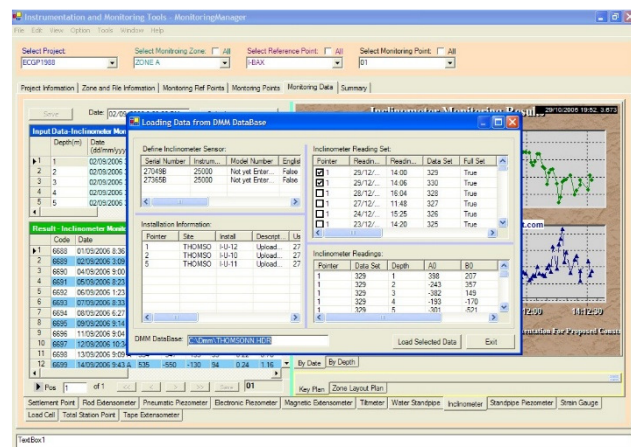
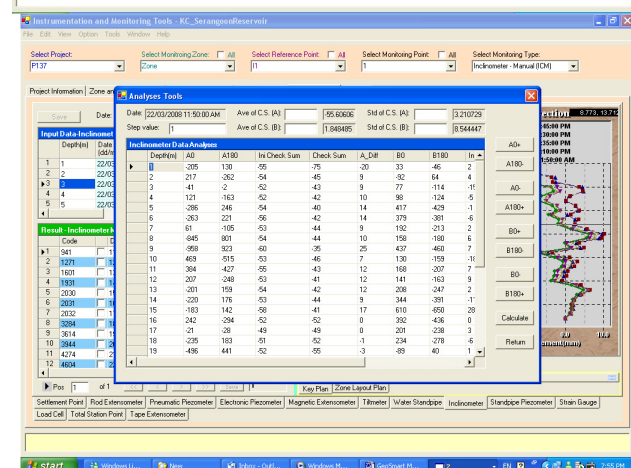
Build in graph tools to show the monitoring data, the scale, legend and axis can be customized by user. Graph window can view in full screen, zoom in to show the data curve in detail. The monitoring graph can be exported as an image file directly.

Powerful Software Tool for Inclinator Monitoring:

Load Inclinator data directly from inclinometer data files. Suitable for Sincro and Geokon equipments of data files. DMM files (.PRN, HDR, .MDB) .txt files and Excel file.

Load the data for all instrument points at one time.

Attached Smart Check Sum Analyses Tool.



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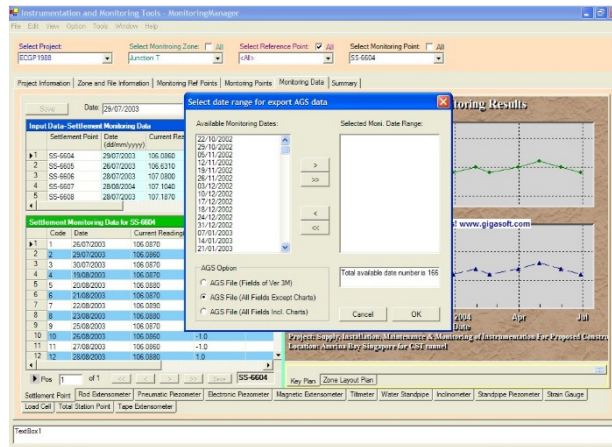
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side and update the database daily. GeoSmart AGS format includes Graph chart information.

Transfer Monitoring Data to TEMS 2.0 file. (LTA)

- ❑ Update database add data entry field for preparing TEMS file.
- ❑ Two ways to transfer to TEMS InstData File.
- ❑ Two ways to transfer to TEMS InstSetup File.

Powerful Claim Tools.



Instant Data Summary:

Create instant monitoring data summary table.

Select any three dates to generate the date summary for select project or zone.

Set warning rang.

The screenshot shows the 'SUMMARY AND COMPARISON OF MONITORING RESULTS FOR THREE DAYS' window. It displays a table of monitoring results for 'Junction T - Junction T'.

INST. NAME	Depth (mm)	Monitoring Results of Recent Date	Criteria Values	Unit of Measurement	NOTE
SS-6604	1.00	-2.00	-2.00	mm	
SS-6602	1.00	-2.00	-2.00	mm	
SS-6606	1.00	-2.00	-2.00	mm	
SS-6607	1.00	-2.00	-2.00	mm	
SS-6608	1.00	-2.00	-2.00	mm	
SS-6609	1.00	-2.00	-2.00	mm	
SS-6611	1.00	-2.00	-2.00	mm	
SS-6612	1.00	-2.00	-2.00	mm	
SS-6613	1.00	-2.00	-2.00	mm	
SS-6614	1.00	-2.00	-2.00	mm	
SS-6615	1.00	-2.00	-2.00	mm	
SS-6616	1.00	-2.00	-2.00	mm	
SS-6617	1.00	-2.00	-2.00	mm	
SS-6618	1.00	-2.00	-2.00	mm	
SS-6619	1.00	-2.00	-2.00	mm	
SS-6620	1.00	-2.00	-2.00	mm	