



GEOEXPLORER & GROUNDPROBE MODULE

In partnership with NavStar, a recognised leader in slope stability monitoring software, GroundProbe customers now have access to NavStar's GeoExplorer platform and accompanying GroundProbe module.

The data integration solution provides a range of features and benefits, offering new ways for you to view, interact and report on radar data.

ONE DASHBOARD FOR MULTIPLE RADARS

The GeoExplorer platform seamlessly syncs with GroundProbe's SSR-Viewer 8.4 through the GroundProbe module, allowing customers to view data from multiple radars on the one screen.

CURRENT AND HISTORICAL DATA MERGE

Historical and current radar data can be viewed alongside each other within the GeoExplorer dashboard, allowing you to analyse and interact with data on any point along the timescale, even if you have relocated or reset your radar.

FRONT AND PLAN VIEW FLEXIBILITY

Customers can easily flip between Front View or Plan View displays of radar data, allowing for increased flexibility in choosing the display that best suits your needs. SSR-XT customers, who view their data through our patented Front View display in the SSR-Viewer software, will now also be able to view their data in Plan View through the GeoExplorer dashboard.

ALARMS TAB

The alarms tab feature conveniently summarises all of the alarms that you have set for your radar. It tells you which are active, when an event has been created and when an alarm has been triggered, allowing you to easily establish which alarms need further investigation.

MULTIPLE USER FLEXIBILITY

GeoExplorer can be run simultaneously by multiple users both on and off site. Changes are made in real time and reflected for all users, optimising the decision-making process.

ADDITIONAL MODULES

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MAKING MINING SAFER

FLEXIBLE INTEGRATION OF MULTIPLE SENSOR TYPES

The GeoExplorer system is a versatile software platform that integrates data from an extensive range of slope stability monitoring hardware. Additional GeoExplorer modules of any sensor type are available for you to build a fit-for-purpose solution. The purchase of additional modules will allow you to interact with data in the same way regardless of the technology used to collect it.

SATELLITE InSAR INTEGRATION

Together with our partners, 3vGeomatics, GroundProbe now offers satellite InSAR data that measures surface deformation from space. This technology can be used to monitor large areas with millimetre level precision. The data seamlessly imports into GeoExplorer, unlocking the synergy of ground-based and satellite-based interferometric radar.

MANY SENSORS, ONE DASHBOARD

Radar displacement values can be graphed alongside InSAR data, prism displacements, water pressures or any other set of monitoring data, providing single-platform, real time monitoring on one screen. Standardised alarm triggers can be set up for all available sensor types within consistent, user-defined parameters.

DRAG AND DROP REPORTING

Customisable reports comparing data from different sensor types can be created by simply selecting, dragging and dropping. For ease of reporting, GeoExplorer will format the graphs for you.

Additional GeoExplorer modules for any sensor type can be purchased through your GroundProbe representative at one of our local offices.

