

Trimble Expands Solutions

Trimble has chosen for INTERGEO to introduce additions to its portfolio of Connected Site survey solutions for the field and office. The enhanced tools allow surveyors to collect, share and deliver data faster to improve accuracy, efficiency and productivity.

Additions to the survey portfolio include Trimble Access Integrated Surveying software for the Trimble Tablet PC; enhancements to Trimble Business Center Software and features for Trimble 4D Control Monitoring Solution.

Trimble Access for Integrated Surveying is also available on the Trimble Tablet Rugged PC. The Trimble Tablet is an advanced field controller and offers surveyors a high-resolution, 7-inch touch screen. A larger screen can be a distinct advantage with background maps as well as for any general computing task. The Trimble Tablet is a complete extension of the office allowing surveyors to run all Windows applications in the field. Features include flexible communications, GPS navigation and cameras, and additional computing power to enable in-field functions such as volume calculations.

Trimble Business Centre Software is a complete surveying office suite designed to manage, analyse and process all field survey data, including data from optical instruments (total stations and levels), GPS/GNSS and spatial stations (imaging and 3D scanning data).

Version 2.40 advances the capabilities of surveying offices with key new functionality. Enhanced GNSS baseline processing improves reliability in adverse GNSS conditions. It automates conversion of files from Trimble Geomatics Office for easy updates. Automated creation of Trimble Connected Community directories simplifies the sharing of surveying data and project management. The latest version also includes all of the most utilised features of Trimble Geomatics Office software.

Trimble 4D Control software is a solution for both real-time and post-processed monitoring. The fully scalable and versatile approach of the system makes it easy for surveying organisations to get started in monitoring. The solution is ideal for monitoring dams, bridges, buildings, pipeline support piers, large-scale construction and excavation sites, underground and open pit mines, landslides, tunnels and other structures. The new features for Trimble 4D Control include support for geotechnical sensors and a user-friendly Web Module.

Geotechnical sensors used to measure non-georeferenced movements and pressures can be integrated in a monitored structure or rock face. Geotechnical sensors, such as tilt meters and piezometers, can be combined with GNSS and optical total stations as a fully integrated part of the Trimble 4D Control solution, each with user defined tolerances and alert levels.

The Trimble 4D Control solution also features a new, secure Web Module providing remote and distributed access to Trimble 4D Control from virtually any location worldwide. The Web Interface module can centralize multiple monitoring sites into one dedicated control room or simply enable distributed access to the system within an organization. In addition, the Web Module can connect up to four user-defined internal or external links (URLs), enabling direct access to on-site Webcams or weather station results.

<https://www.gim-international.com/content/news/trimble-expands-solutions>
