Trimble Boosts Productivity

During Intergeo 2011, Trimble has introduced additions to its portfolio of Connected Site survey solutions for the field and office. The tools allow surveyors to collect, share and deliver data faster to improve accuracy, efficiency and productivity.

Additions to the survey portfolio include: Trimble S6 Robotic Total Station with Trimble VISION Technology; Trimble M3 Total Station with Trimble Access Field Software; Trimble GeoExplorer GeoXR Network Rover; Trimble Business Center Software version 2.60 and the Trimble Access Field Software Developers Kit (SDK).

The Trimble S6 Total Station enables using the Trimble VISION technology surveyors to remotely see and measure through a live video feed from the instrument on their data controller. By integrating survey data with the live video, surveyors can verify their work and ensure that they have captured everything before leaving the job. Photo documentation also allows surveyors to complement the data they provide to clients with images of the job conditions and point attributes, making the data easier to understand. It also includes the long-range EDM performance of Trimble DR Plus technology, making it capable of direct reflex measurements at more than double the range of previous models.

Trimble Access Field Software is now available on the Trimble M3 Mechanical Total Stations. This software offers surveyors a new approach to surveying that expedites data collection, processing, analysis, and delivery through improved workflows, collaboration and control. It also allows surveyors the optional availability of Trimble Access Roads module, which imports road definitions from third-party sources, allowing users to key in a complete road definition including horizontal and vertical alignments, templates and superelevation, and widening records. Users are guided through fast offsets, slope staking, real-time redesign and real-time quality control.

The rugged Trimble GeoExplorer GeoXR Network Rover is purpose-built designed to make both high-accuracy surveying and handheld point measurement easier, more efficient and more flexible and combines the functionality for high-accuracy field work with the flexibility and convenience of handheld positioning in one device. It can be used mounted on a survey rod with an external antenna for survey-grade accuracy and when connected to a Trimble VRS network, it serves as an advanced and highly productive rover. The receiver can be quickly removed from the rod and seamlessly switched to its integrated antenna, converting to a solution for handheld point measurement with easy access to features such as the integrated camera.

The Trimble GeoXH will also be offered in a centimetre-accurate configuration, allowing users to collecting data in the field using Trimble TerraSync Centimeter edition software for streamlined GIS workflows. The Centimeter option will be available as a paid service upgrade from the standard, 6000 series GeoXH.

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

Version 2.60 includes Stake-out Points Import; GPSeismic Export and Enhanced Baseline Processing.

Software developers can now create tailored applications for customers and make them available for sale through the Trimble store. Trimble Access is a preferred field software platform for surveyors to control instruments and collect data more efficiently. A variety of specialised modules are already available such as Roads, Tunnels, Monitoring and Mines. Tailoring workflows for the users' applications can enable a higher quality control process and more efficient workflows for field teams.

Trimble Access is a field and office solution for surveyors that expedites data collection, processing, analysis, and project information delivery through improved workflows, collaboration and control, which is enabled by wireless connectivity between the project team members. The complete solution speeds both typical and specialized surveying tasks, and enables easy, fast and secure two-way information sharing between the field survey crew and the office. Surveys can be completed faster with less time spent traveling back and forth to the office. Management and field crews can closely collaborate by viewing the same information in near real-time. The four components of the Trimble Access solution include: Trimble Access services, base software for typical survey applications, specialised application modules, and the Trimble Connected Community.

Trimble's Connected Site solutions for surveyors create seamless working relationships among Trimble products, technologies and services. Through the Connected Site, Trimble is focused on providing solutions that address the customers' full work processes.

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