Trimble Unveils State-of-the-Art Mobile Spatial Imaging System

The Trimble MX8 System Combines Leading Imaging and Laser Scanning Capabilities in an Integrated System for Mobile Mapping

SUNNYVALE, Calif., July 13, 2010 /PRNewswire via COMTEX News Network/ -- Trimble (Nasdaq: TRMB) introduced today the Trimble(R) MX8 Mobile Spatial Imaging System, an advanced mobile data capture system that combines imaging and laser scanning capabilities to measure objects in 3D to produce 3D, 4D and 5D data sets for spatial imaging projects. The new Trimble MX8 Mobile Spatial Imaging System expands the scope of services that surveyors, engineers, mapping and geospatial professionals can offer to enhance their business. The system is ideal for as-built modeling, inventory, inspection, encroachment analysis, and asset management for roadways, bridges, railways, utilities, and other infrastructure.

With recent advances in the geospatial information industry, more opportunities and applications for spatial imaging data are being identified for industries such as transport and civil engineering, utilities and communications, natural resources management, and government. Many of these applications use airborne information, but would also benefit from ground-based positioning and imaging. While satellite and aerial imaging provide exceptional overhead views and long-range details, the only way to capture comprehensive eye-level views is from the ground. A ground-based sensor such as the Trimble MX8 is an ideal solution that delivers centimeter positioning accuracy, 3D measurements and video imaging--at highway speeds.

"Mobile mapping users are seeking answers to the persistent problems of under-utilized systems and low productivity," said Ken Spratlin, general manager of Trimble's GeoSpatial Division. "Trimble continues to listen to customers' feedback to introduce dynamic solutions that answer real-world needs today while also equipping them for tomorrow's challenges. In combination with Trimble's software workflows, the Trimble MX8 allows users to better leverage their existing workforce and pursue new business opportunities while realizing reduced total cost of ownership."

Fast and Accurate Spatial Data

Integrating imaging and laser scanning with advanced Global Navigation Satellite System (GNSS) plus Inertial positioning, the Trimble MX8 collects 3D data fast and accurately. Featuring a pod-type design, it is easily redeployed and installed on a variety of vehicles as project demands change. A scalable system configuration and sensor upgrade options allow owners to address their evolving needs.

Affordable Change Detection

Operating at highway speeds, the Trimble MX8 allows users to capture more frequent updates of 3D datasets for roadway and right-of-way infrastructure. Combined with Trimble Trident Analyst for Spatial Imaging software, automated extraction of road signs, road geometry, break lines and lane markings reduces manual labor and provides answers earlier in the project. Change detection between current and past datasets allows monitoring of project progress throughout the plan, design, build and maintain phases.

Rapid Return on Investment

Mobile imaging and laser scanning systems create immense datasets that can quickly overwhelm manual workflows. Advanced software automation allows users to better leverage their existing workforce and pursue new business opportunities while realizing reduced total cost of ownership. Automated feature extraction allows service companies and organizations to create more value for their customers and end users by delivering answers instead of data.

Availability

The Trimble MX8 Mobile Spatial Imaging System is expected to be available in the third quarter of 2010 through Trimble's GeoSpatial sales channels. For more information visit: www.trimble.com/geospatial/Trimble-MX8.aspx.

The Mobile Mapping Answers Tour

The Trimble MX8 Mobile Spatial Imaging System is on tour. For Mobile Mapping Answers Tour dates, visit: www.trimble.com/mobilemappinganswers.

About Trimble's GeoSpatial Division

Trimble's GeoSpatial Division provides mobile mapping, photogrammetry and laser scanning technology to complement Trimble's Integrated Surveying(TM), Spatial Imaging, Site Positioning, and Mapping and GIS solutions. The focus is on integrating these technologies into end-to-end solutions that effectively tackle real-world challenges faced by service providers as well as infrastructure managers. Trimble solutions streamline the collection and maintenance of high-accuracy as-built models for aerial and land mobile mapping, transportation, and utilities and energy transmission & distribution industries. As part of the Trimble Connected Site(TM) solutions, high-accuracy as-built models enable advanced process and workflow integration from the planning phase, through design and construction, to the subsequent maintenance phase--delivering significant improvements in productivity. For more information, visit: www.trimble.com/geospatial.

About Trimble

Trimble applies technology to make field and mobile workers in businesses and government significantly more productive. Solutions are focused on applications requiring position or location--including surveying, construction, agriculture, fleet and asset management, public safety and mapping. In addition to utilizing positioning technologies, such as GPS, lasers and optics, Trimble solutions may include software content specific to the needs of the user. Wireless technologies are utilized to deliver the solution to the user and to ensure a tight coupling of the field and the back office. Founded in 1978, Trimble is headquartered in Sunnyvale, Calif.

For more information, visit: www.trimble.com.

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