



Trimble Breaks New Ground for Production Image Analysis with eCognition Software Native 64-bit Support

SUNNYVALE, Calif., Dec. 6, 2010 /PRNewswire/ -- Trimble (Nasdaq: TRMB) introduced today eCognition version 8.64, an advanced image analysis software suite available for geospatial applications. With the software release, Trimble sets a new standard for native 64-bit object based image analysis—an important technical milestone for the processing of very large image datasets.

Today's production workflows can benefit tremendously from the additional random access memory offered by 64-bit operating systems. Taking advantage of this technological advance, eCognition 8.64 enables users to automatically segment and classify very large datasets, generating billions of image objects without being limited by operating system restrictions. This allows eCognition users to fully benefit from state-of-the-art computer hardware.

"The new software version extends eCognition's production image analysis capabilities by allowing users to effectively analyze today's massive datasets created by multi-sensor technologies," said Ralph Humberg, eCognition business area manager. "Modern sensor systems simultaneously collect billions of image pixels and laser scanning points each minute. Using eCognition 8.64, automatically extracting information from this vast amount of data has become much easier."

Trimble's eCognition software enables organizations involved in earth sciences to quickly extract accurate geo-information from remote sensing data. The software assists data providers, value adders, scientists and end users in integrating earth observation and remote sensing data to generate accurate GIS-ready information. eCognition's intelligent feature extraction capabilities accelerate mapping, change detection and object recognition—delivering standardized and reproducible image analysis results.

Availability

eCognition 8.64 software suite is available now through Trimble's eCognition distribution channel. Customers with a valid maintenance contract for eCognition software will receive the upgrade. For more information, visit: www.ecognition.com.

About Trimble's GeoSpatial Division

Trimble's GeoSpatial Division provides mobile mapping, photogrammetry and laser scanning technology to complement Trimble's Integrated Surveying™, 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™ 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 Trimble's Web site at: www.trimble.com.

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