



Trimble Announces Updated Suite of Mapping and GIS Software with New Postprocessing Engine

SUNNYVALE, Calif., Dec 07, 2009 /PRNewswire-FirstCall via COMTEX News Network/ -- Trimble (Nasdaq: TRMB) announced today significant updates to its entire portfolio of Mapping & GIS field and office software products. These enhancements focus on improved Global Navigation Satellite System (GNSS) accuracy for data collection under a variety of conditions that deliver additional benefits to users of Trimble Mapping & GIS solutions. With the introduction of a new postprocessing engine, Trimble has further enhanced its powerful set of GNSS postprocessing tools, improving accuracy and consistency of data collected from all Trimble Mapping & GIS equipment, even in multipath and canopy environments. A key addition to the set of tools is Trimble(R) DeltaPhase(TM) technology, a revolutionary new technique for improving the accuracy of GNSS code measurements.

With Trimble DeltaPhase technology, results from receivers such as the GeoXT(TM) handheld and GPS Pathfinder(R) ProXT(TM) show 50 centimeter accuracy in good environments and improved yield under canopy and in multipath prone areas. Results are also significantly improved for the Juno(TM) series handhelds with postprocessed accuracy now in the 1 to 3 meter range.

For H-Star(TM) technology receivers such as the GeoXH(TM) handheld and GPS Pathfinder ProXH(TM), the new postprocessing engine uses the latest high precision GNSS technologies to achieve decimeter (10 centimeter) horizontal and vertical accuracy with greater consistency at longer baselines, in tougher environments, and with shorter occupations.

Another key enhancement is the improvement of productivity through higher position yield -- the proportion of quality GNSS positions that can be recorded in a given environment -- both before and after postprocessing. By leveraging a more sophisticated data collection engine, satellite masks can be adjusted to allow more signals to contribute to the overall solution. When working in moderate canopy environments yield improvements are expected to be approximately 20 percent and higher.

The new software updates also provide support for GLONASS data collection. GLONASS measurements can now be logged with the GPS Pathfinder ProXRT(TM) receiver with the GLONASS option enabled, and GLONASS postprocessing is supported directly in Trimble Mapping & GIS office software.

"The release of these software updates demonstrates the value Trimble is providing to our customers by allowing them to leverage their existing hardware and software investment through the continuous improvement of GNSS position calculations. Whether you are a forester working under canopy or a city engineer working in an urban canyon environment, the accuracy improvements will be significant," said Peter Large, general manager for Trimble's Mapping & GIS Division. "The postprocessing enhancements delivered through our new engine, which include the new Trimble DeltaPhase technology, complement our real-time solutions, providing the highest levels of accuracy regardless of the data collection workflow requirements."

Software updates now available for download by eligible customers include TerraSync(TM) and GPS Pathfinder Office software, Trimble GPScorrect(TM) and GPS Analyst(TM) extensions, and the GPS Pathfinder Software Development Kit (SDK). See www.trimble.com/mgis_software for more information including a white paper containing sample results, FAQs, and revised product specifications.

About Trimble

Trimble applies technology to make field and mobile workers in businesses and government significantly more productive. Solutions are focused on applications requiring positioning 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 in the field and to ensure communication between the field and the office. Founded in 1978, Trimble is headquartered in Sunnyvale, Calif.

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

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