



Trimble Introduces New RTX Technology

Breakthrough High-Accuracy Correction Technology Redefines Corrections Landscape

SUNNYVALE, Calif., June 30, 2011 /PRNewswire/ -- Trimble (NASDAQ: TRMB) announced today its new high-accuracy Global Navigation Satellite System (GNSS) correction technology, Trimble® RTX technology. Trimble RTX (Real-Time Extended) combines real-time data with innovative positioning and compression algorithms to deliver better than 4 centimeter (1.5 inch) repeatable accuracy with as little as one minute convergence in selected areas. The new technology utilizes real-time data from a global reference station infrastructure to compute centimeter level positions based on satellite orbit and clock information. Trimble RTX powers the new Trimble CenterPoint™ RTX™ correction service.

Trimble pioneered RTK technology in the early 1990s, which enabled high-accuracy corrections for field applications. RTK is now recognized as the industry leading technology for centimeter-level positioning. To further improve accuracy, Trimble introduced VRS™ technology in 2000 and subsequently the Trimble VRS Now™ service. And now, Trimble continues to lead technology innovation with the introduction of Trimble RTX technology.

Trimble RTX Technology

The patent-pending Trimble RTX technology provides high-accuracy GNSS positioning without the use of traditional reference station-based differential RTK infrastructure. While standard autonomous GNSS position solutions provide accuracies in the 1 meter range, Trimble RTX can achieve better than 4 centimeter (1.5 inch) accuracies in real time.

In addition to accuracy, in select areas, Trimble RTX can deliver a convergence time of less than one minute, enabling work to start immediately. And Trimble RTX can bridge interruptions in the GNSS signals for up to 2 minutes, avoiding reconvergence delays, while maintaining the same superior accuracy performance.

The new Trimble CenterPoint RTX correction service pairs the RTX positioning innovations with convenient, easy to access satellite delivery, eliminating the need for cellular coverage and data plans traditionally required to obtain high performance positions. The GNSS-enabled service will be available initially in central North America for select Trimble receivers.

"With the release of Trimble RTX technology and CenterPoint RTX service, we continue to demonstrate our leadership in technology innovation," said Patricia Boothe, general manager of Trimble's Positioning Services Division. "In addition, this represents the first collaboration between Trimble's positioning technology team and the satellite delivery capabilities behind the recently acquired OmniSTAR services. Trimble is committed to offering a suite of correction technologies and services that can satisfy any accuracy, delivery and financial requirement, across a variety of applications and markets including agriculture, survey, mapping and GIS, and construction."

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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