

# Trimble Expands RTX Satellite Coverage

Trimble has expanded coverage of its satellite-delivered Trimble RTX technology to most of the world. RTX technology enables Trimble xFill: a new technique in RTK and VRS surveying that allows surveyors to continue working in the event that the primary RTK or VRS correction stream is not available. The announcement was made at Trimble Dimensions 2012.

Trimble RTX technology, first introduced in 2011, combines real-time data and innovative positioning algorithms to deliver centimeter accuracy around the world. While RTX technology is available worldwide via IP and cellular delivery methods, Trimble RTX has been available via satellite L-Band only in North and South America. Now, the expanded satellite coverage includes most of Europe, Russia and the Commonwealth of Independent States (CIS), Africa, Asia and Australasia.

Powered by Trimble RTX technology, Trimble xFill, a feature integrated into the Trimble R10 GNSS Receiver, enables a new and innovative technique in RTK surveying. It seamlessly 'fills in' for RTK or VRS corrections for up to five minutes in the event of a temporary connection outage with the primary correction source. Minimising downtime, Trimble xFill enables higher productivity for field survey crews, allowing them to continue working until radio or cellular connectivity is restored.

Patricia Boothe, general manager of Trimble's Positioning Services Division, stated the expanded coverage of satellite-delivered Trimble RTX technology further extends Trimble's commitment to providing different ways of realising high accuracy positioning solutions. Trimble RTX is the backbone of Trimble's latest positioning innovations including the Trimble CenterPoint RTX service for farmers, the Trimble Pivot RTX App and Trimble Pivot RTX-PP App infrastructure solutions and now, the Trimble xFill feature for surveyors, Boothe added.

According to Anders Rhodin, general manager of Trimble's Survey Division, the geographic expansion of Trimble RTX technology, enabling Trimble xFill, brings a unique advantage to surveyors throughout the world. The next-generation capabilities of the Trimble R10 and its xFill feature are unmatched in the industry today and enable surveyors to continue to work more productively, even in the toughest GNSS environments, Rhodin said.

Available in the new Trimble R10, the Trimble xFill feature allows satellite corrections to be delivered directly to the receiver with no need for additional equipment such as radios and antennas. With its built-in capability, the Trimble R10 automatically tracks these corrections and will use them when needed. Trimble xFill across the expanded satellite coverage area is expected to be available by late November 2012.

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