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Trimble RTX Correction Technology Now Delivers Two Centimeter Accuracy for a Broad Range of Positioning Applications

High-Accuracy Satellite-Delivered Correction Technology Further Widens the Performance Gap

SUNNYVALE, Calif., Aug. 6, 2018 /PRNewswire/ -- Trimble (NASDAQ: TRMB) announced today that its Trimble RTX™ GNSS corrections technology can now achieve horizontal accuracies of better than two centimeters. Start-up times, commonly referred to as convergence, have also improved. Users can now achieve full accuracy in less than 15 minutes, and as fast as one minute in select areas where RTX Fast network infrastructure is available. This performance is achievable using Trimble's premier correction service, CenterPoint® RTX, delivering RTK-level accuracy outside traditional Virtual Reference Station (VRS) networks, considered the gold standard for high-accuracy corrections. Trimble RTX provides unprecedented performance from a satellite-delivered correction source. In addition, corrections are available via an Internet or cellular connection, making it one of the most versatile services available today.

With satellite-delivered Trimble RTX corrections, users can perform a variety of positioning fieldwork in some of the most remote locations, without relying on traditional ground-based VRS networks or a local RTK base station to receive high-accuracy positioning data. By simply powering on an RTX-capable receiver or display, customers can start working quickly with only a minimal convergence period. As long as the user has line of sight to the sky they can work freely without being constrained by the geographic boundaries of a VRS network.

Offering a suite of correction services, Trimble RTX provides users the flexibility to choose the level of accuracy to suit their application needs from meter to centimeter level. It is an ideal correction solution for a variety of applications including agriculture, survey, mapping, construction, automotive and any location-based service that could benefit from greater precision. Trimble RTX also powers Trimble xFill® technology, a feature that enables RTK and VRS users to continue working if their primary correction stream is not available. xFill, delivered via satellite, "fills in" for RTK corrections in the event of temporary radio or Internet connection outages. As a result, users can experience fewer interruptions and less downtime.

"Trimble RTX performance and reliability are changing the positioning game for users who never considered a satellite-delivered correction service for applications traditionally requiring RTK-level accuracy," said Patricia Boothe, vice president of Trimble's Advanced Positioning Division. "Trimble RTX offers a global solution delivering similar performance to VRS where terrestrial networks are not available."

Availability

Trimble's RTX network is currently available throughout most of the world, with the RTX-Fast network coverage available in select geographies in the U.S., Canada and throughout most of Europe, when using Trimble RTX compatible GNSS receivers. Subscriptions are available through Trimble's Authorized Business Partners or Trimble's online store at: tpsstore.trimble.com. To learn more, visit: http://www.trimble.com/Positioning-Services/Trimble-RTX.

About Trimble RTX

Trimble RTX technology utilizes data from a global reference station network to compute high accuracy positions based on satellite orbit and clock information. Trimble RTX supports a suite of real-time correction services delivering a range of accuracies from better than 2 centimeter to sub-meter performance in as fast as one minute. Trimble RTX-based positioning innovations are available via convenient, easy to access satellite delivery or via IP/cellular communication, providing users with flexible options to obtain high-accuracy positions in nearly any work environment. Trimble RTX correction services are available throughout most of the world.

About Trimble

Trimble is transforming the way the world works by delivering products and services that connect the physical and digital worlds. Core technologies in positioning, modeling, connectivity and data analytics enable customers to improve productivity, quality, safety and sustainability. From purpose built products to enterprise lifecycle solutions, Trimble software, hardware and services are transforming industries such as agriculture, construction, geospatial and transportation and logistics. For more information about Trimble (NASDAQ:TRMB), visit: www.trimble.com.

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For further information: Lea Ann McNabb, Trimble, +1 408-481-7808, leaann_mcnabb@trimble.com

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