

Trimble RTX GNSS Now Delivers Two Centimetre Accuracy



Trimble has announced that its RTX GNSS corrections technology can now achieve horizontal accuracies better than two centimetres, with start-up times also being 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. RTX provides unprecedented performance from a satellitedelivered correction source. In addition, corrections are available via an Internet or cellular connection, making it one of the most versatile services available.

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 using a 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 metre to centimetre level. The correction solution offers a variety of applications in 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.

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. Subscriptions are available at tpsstore.trimble.com. To learn more, visit www.trimble.com/Positioning-Services/Trimble-RTX.

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