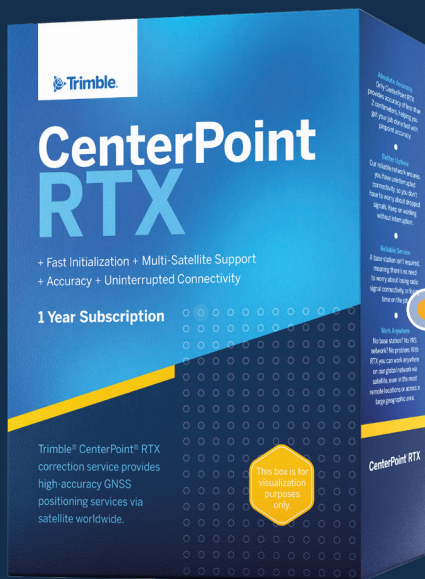


# Trimble CenterPoint RTX Correction Service

AND TRIMBLE GNSS RECEIVERS

Freedom to  
work anywhere



## What is CenterPoint RTX correction service?

Trimble® CenterPoint® RTX is a globally available high-accuracy, real-time GNSS correction that is generated by collecting data from a worldwide network of ground-based GNSS tracking stations and using an absolute positioning technique to model and correct GNSS error sources. The corrected GNSS data is delivered in real-time via geostationary satellites or cellular internet to your receiver, no matter where you are working.

**CenterPoint RTX correction service enhances the value for survey and mapping professionals and delivers two-fold strength: serving as a primary correction method to keep you reliably on-point, or acting as a positioning insurance when required and extending the xFill® service to be unlimited.**



# On point together

## Trimble GNSS receivers: CenterPoint RTX ready

Trimble CenterPoint RTX corrections work seamlessly with Trimble GNSS receivers and Trimble field software. Effective from April 1, 2024, select models of Trimble GNSS receivers will include an activated and ready-to-use CenterPoint RTX subscription<sup>1</sup> for the initial 12 months after purchasing of the receiver. At the end of the 12-month period, you have the option to renew the subscription annually for continued access. For more information, visit [rtx.trimble.com](https://rtx.trimble.com)



## Benefits of the CenterPoint RTX service

CenterPoint RTX enables untethered surveying and allows you to expand your options of available GNSS correction methods so you can choose the best GNSS tool for the job. Complementing traditional RTK survey methods and boosting productivity, the service proves especially beneficial in scenarios where users:

- **Demand high accuracy:** With a fast convergence of under one minute in select regions, CenterPoint RTX delivers RTK-level performance to which surveyors are accustomed.
- **Need full redundancy to complement RTK methods:** CenterPoint RTX is not affected by radio or cellular signal interruptions or unexpected disturbances. This means CenterPoint RTX correction acts as positioning insurance in the event of radio or real-time network disruption so you can maintain accuracy in your local coordinate system indefinitely (or until your primary correction is restored) using xFillx mode.
- **Need to improve resource allocation:** Rover-only set-up with CenterPoint RTX correction allows you to use all your receivers as rovers and maximize the efficiency of your crew in the field.
- **Operate in remote or extensive geographical areas:** As both a satellite and Internet-delivered service, CenterPoint RTX is always available no matter where you are. You are not tied to one location as with terrestrial correction sources and your rover and CenterPoint RTX move with you. No need to worry about the RTK-network footprint, finding a good location for your base station, or the PPM error component when traveling away from the base and increasing your baseline length.
- **Require critical satellite availability and signal reliability:** CenterPoint RTX corrects for all available constellations. If you are using a low-quality base, or operating on a third-party real-time network without full constellation support, switching to CenterPoint RTX correction will increase satellite availability.

## CenterPoint RTX key features:

**Availability:** Worldwide

**Delivery:** Satellite or Internet/cellular

**Accuracy:** < 2 cm horizontal, < 5 cm vertical (RMS)<sup>2</sup>

**Convergence:** < 1 min<sup>3</sup> (Select regions) / < 3 min<sup>4</sup> (Global)

**Constellations:** GPS, GLONASS, Galileo, BeiDou, QZSS

**Applications:** Topographic surveys, cadastral and boundary surveying, design and stakeout, exploration, asset inventory, mobile mapping, seismic activities, environmental, utilities, road works and more.

1. A 12-month subscription is included with Trimble GNSS receivers purchased after April 1, 2024. Subscription is renewable at the end of the 12-month period at the user's expense.
2. RMS performance based on repeatable in-field measurements. Achievable accuracy and initialization time may vary based on type and capability of receiver and antenna, user's geographic location and atmospheric activity, scintillation levels, GNSS constellation health and availability and level of multipath including obstructions such as large trees and buildings.
3. In select regions in North America and Europe. For more details access the coverage map: [positioningservices.trimble.com/coverage-maps](https://positioningservices.trimble.com/coverage-maps)
4. For Trimble ProPoint® GNSS technology capable receivers only. Global average initialization time when using GPS, GLONASS, Galileo, and BeiDou.



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