Trimble Correction Services

Enabling Higher Accuracy for your Agricultural Precision Needs

	CenterPoint® VRS	CenterPoint® RTX	RangePoint® RTX	ViewPoint RTX™
BENEFITS	Instant access to high accuracy real time kinematic (RTK) corrections for automated guidance operations	High accuracy GNSS corrections accessible worldwide, ideal when working in remote locations, across large areas; no local base station or VRS network required	Affordable, entry-level broad accuracy GNSS corrections	
DELIVERY		or		
ACCURACY[1]	Horizontal < 2.5 cm (1")	Horizontal < 2.5 cm (1")	15 cm (6") pass to pass 50 cm (20") repeatable	30 cm (12") pass to pass
APPLICATIONS	Strip tiling, planting and seeding, spraying, spreading and more		Broad-acre applications	
COMPATIBLE DEVICES	CMRx, CMR+, RTCM v2.3, RTCM v3.1 or RTCM v3.2 MSM via NTRIP Trimble® AG-372, Trimble CFX-750™, Trimble FmX®, Trimble TMX-2050™, GFX-750™/ GFX-350™ with NAV-900	Trimble® AG-372, Trimble CFX-750™, Trimble FmX®, Trimble TMX-2050™, GFX-750™ / GFX-350™ with NAV-900	Trimble® AG-372, Trimble CFX-750™, Trimble FmX®, Trimble TMX-2050™, GFX-750™ / GFX-350™ with NAV-900	GFX-750™/GFX-350™ with NAV-500™
CONVERGENCE TIME[2]	Instant	< 2 min in Trimble RTX Fast coverage regions < 5 min in standard coverage regions for Trimble ProPoint™ devices < 20 min in standard coverage regions	<5 min	

1. 95% 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.
2. Global average initialization time when using GPS, GLONASS, Galileo, and BeiDou, available globally via IP and regionally via L-band.

To order: contact your local reseller or visit agriculture.trimble.com/reseller-locator/ **More info:** positioningservices.trimble.com/contact/

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ProPoint with CenterPoint RTX

What is ProPoint?

Trimble ProPoint™ GNSS technology is a new GNSS positioning engine that uses all GNSS constellations to get your guidance ready in a matter of minutes, and keeps you precisely on track all day.

Compatible with the Trimble NAV-900 GNSS receiver, ProPoint enables Trimble CenterPoint® RTX to have reduced convergence times in most standard regions. Now with better performance under treelines and other challenging environments, this robust positioning performance provides consistency and stability, improving uptime and reducing the chance of crop damage.

Features:

- 75% reduction in convergence time for CenterPoint RTX
- <5 minutes in standard coverage regions
- <2 minutes in fast coverage regions
- Up to 40%* greater guidance availability near treelines
- Up to 25%* more satellites used in the NAV-900, ProPoint and CenterPoint RTX solution
- Up to 20%* smoother solution

Benefits:

- Fast and easy way to achieve 2.5cm accuracy that does not require additional hardware, services, or support
- Reduction in time spent waiting for signal convergence in the field
- Increase farmable acres with enhanced guidance near treelines and buildings
- Reduction in chance of crop damage with fewer position jumps and higher precision positioning

*Trimble RTX on ProPoint compared to previous generation engine on NAV-900 and NAV-500. Metrics are generated from infield testing with agricultural vehicles and medium to heavy treeline environments, performance may vary based on GNSS and atmospheric conditions.

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