

# Trimble CenterPoint RTX Correction Service for Applanix' Airborne Mapping Products and Solutions



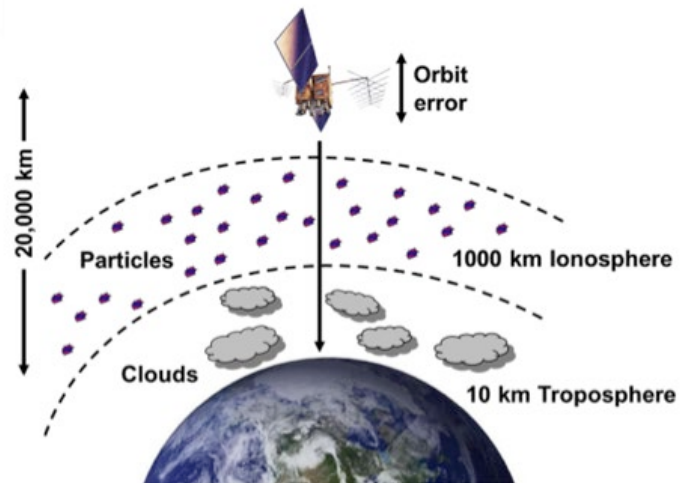
*capture everything. precisely.*



## ACHIEVE cm LEVEL ACCURACY WITHOUT USING BASE STATIONS

The Trimble CenterPoint™ RTX™ correction service is a high-accuracy, satellite-delivered global positioning service that is available across Applanix's entire airborne mapping portfolio. As a Trimble Company, Applanix is unique in the marketplace in its ability to offer this industry-leading performance and reliability.

The Trimble CenterPoint RTX correction service yearly subscription is delivered by L-Band satellite or by the Internet. This breakthrough technology provides high-accuracy GNSS positioning without the use of traditional reference station-based differential RTK infrastructure. Benefit from more uptime, fast initialization, hardware savings, and more. Generate map products faster and with a significantly reduced cost.



**RTX removes the effects of satellite orbital errors and atmospheric delays without the need for base stations**

The CenterPoint RTX correction service gives Applanix product the ability to achieve accuracy sufficient for many types of mapping projects in real time and post-mission, all without the need for base stations – an industry first!





## CENTERPOINT RTX CORRECTION SERVICE BENEFITS TO THE AERIAL SURVEY MARKET

**Very High Accuracy** – < 0.1 m RMS Horizontal,  
< 0.2 m RMS Vertical

**Speed and Low Cost** – no need for setting up base stations, no need to wait for delivery of public-domain ephemeris data

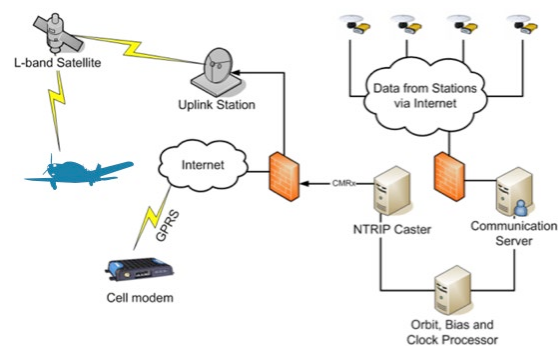
**Simplicity** – deal directly with Trimble (no 3rd party involvement whatsoever)

**More Uptime and Reliability** – use Trimble’s professionally managed, highly maintained private network instead of unreliable public networks

**Ease of Use** – there is no additional hardware to purchase, integrate or maintain

**Fast and reliable convergence** – 30 minutes or less to full accuracy

**Fully compatible with the Applanix POSPac™ software** – achieve the same level of orientation accuracy as when using a base station, without an internet connection or waiting for precise ephemeris data to be available.



Real-time Integrity Monitoring

## APPLANIX HARDWARE & SOFTWARE REQUIREMENTS

- POS AV and AP hardware V6 (BD982)
- POSPac MMS
- Latest firmware

**NOTE: POSPac and Firmware upgrade provided for no charge if under maintenance**

**TO LEARN MORE ABOUT THE TRIMBLE CENTERPOINT RTX SERVICE AND SATELLITE COVERAGE GO TO**  
<http://www.trimble.com/positioning-services/centerpoint-rtx.aspx>



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