



November 3, 2014

Trimble Announces Trimble Leap Submeter GNSS Device and Terrain Navigator Pro for High-Accuracy Data Collection using Trimble RTX Technology

New ViewPoint RTX Correction Service Delivers Better-Than 1 Meter Position Accuracy

LAS VEGAS, Nov. 3, 2014 /PRNewswire/ -- Trimble (NASDAQ: TRMB) announced today the availability of the Trimble® Leap, a Trimble RTX compatible GNSS Bluetooth device. When enabled with the ViewPoint RTX correction service, Leap delivers submeter accuracy directly to the Terrain Navigator Pro (TNP) Mobile app for iOS and Android devices. The TNP Mobile app allows users to collect markers, tracks and geo-stamped photos in the field, and then sync all the GNSS data into the Terrain Navigator Pro office software.

The announcement was made at [Trimble Dimensions](#).

The TNP Mobile app enables users to:

- Display and navigate routes created in TNP desktop.
- Collect field data such as markers, tracks, photos, videos and audio clips.
- Near real-time sync between phone and TNP map software via WiFi or cellular data connection.
- View data on topo, aerial, and street maps downloaded to phone for offline use. Terrain Navigator Pro offers 1-meter aerial photos for the 48 contiguous United States. The seamless USGS topo graphic maps are based off 1:24K, 1:100K, 1:250K map scales. Alaska is 1:63K and 1:250K.
- Access a compass and other geo-information such as lat/long, elevation, and direction on phone.
- Collect data offline. The TNP mobile app uses the GPS built into the smartphones, so users can collect field data in areas without a cellular or data signal.

Field Data Collection Simplified

Trimble Leap is compact and portable weighing only 9.5 ounces. Leap snaps to a smartphone or tablet to use as a handheld, can be mounted on a monopole or tripod, or can be magnet mounted to a vehicle. Leap has typically 16 hours of battery life and uses Bluetooth communication to connect to smart devices for ease of use and flexibility. An onboard micro SD card stores the GNSS observables data for easy use in the field or the office. A micro USB port can provide power to Trimble Leap for continuous fixed mount applications or it can be used with popular battery booster products to extend field work even longer. Trimble Leap is charged by a standard cell phone vehicle accessory charger, a USB connection to a PC, or from a USB AC adapter.

Leap into Submeter Accuracy

Based on Trimble RTX (Real Time eXtended) technology, ViewPoint RTX delivers better than 1 meter horizontal accuracy 95 percent of the time—without the use of a traditional RTK base station or virtual reference station network. ViewPoint RTX is delivered into the TNP Mobile app via cellular data network and is available nearly anywhere in the world.

"Trimble Leap enhances the Terrain Navigator Pro solution by adding a simple way to collect submeter accurate geolocation data with standard Android or iOS devices. Adding accuracy to TNP's robust field-to-office data collection solution provides a value-add where low-resolution collection is not sufficient. Trimble Leap with TNP Mobile is configured and operational in minutes with little training," said Larry Fox, business area manager for Terrain Navigator Pro.

Availability

Terrain Navigator Pro with Trimble Leap and the ViewPoint RTX correction service is expected to be available in early January of 2015. Leap includes 1 year of TNP Web access and is fully compatible with the TNP suite of products. ViewPoint RTX will be available as a service with options that range from hourly to annual subscriptions. To learn more, visit:

<http://terrainnavigator.com/Product/Leap> or call 800-627-7236.

About Terrain Navigator Pro

Terrain Navigator Pro (TNP) integrates powerful desktop mapping software, a cloud connected mobile data collection platform

(compatible with GPS-enabled iOS and Android devices) and a robust Web portal. TNP users can plan projects in the office, collect data in the field and access projects from the Web—simultaneously. Geo-referenced data such as tracks, waypoints, photographs and video can be shared, updated in near real-time and displayed on the included topographic, aerial/satellite or street base maps.

For more information, visit: www.terrainnavigator.com.

About Trimble RTX Technology

The patent-pending Trimble RTX is a real-time, high-accuracy GNSS correction technology delivering centimeter level positions worldwide. Combining real-time data with innovative positioning and compression algorithms, Trimble RTX utilizes an established global reference station network along with satellite orbit and clock information to compute high accuracy positions. In addition, a free RTX-based post-processing service is available.

To learn more about the groundbreaking Trimble RTX technology, visit: www.trimble.com/positioning-services.

About Trimble

Trimble applies technology to make field and mobile workers in businesses and government significantly more productive. Solutions are focused on applications requiring position or location—including surveying, construction, agriculture, fleet and asset management, public safety and mapping. In addition to utilizing positioning technologies, such as GPS, lasers and optics, Trimble solutions may include software content specific to the needs of the user. Wireless technologies are utilized to deliver the solution to the user and to ensure a tight coupling of the field and the back office. Founded in 1978, Trimble is headquartered in Sunnyvale, Calif.

For more information, visit: www.trimble.com.

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