

Trimble Launches TDC600 Smartphone and GIS Data Collector



Trimble has introduced the Trimble TDC600 handheld, an ultra-rugged, all-in-one smartphone and GNSS data collector for GIS and field inspection applications. The next-generation smartphone data collector boasts an Android 8.0 operating system, bright sunlight-readable 6-inch display, powerful 2.2GHz processor, 4GB memory and an enhanced-capacity, all-day battery.

Built for geographic information system (GIS) users in organizations across a variety of industries, including environmental management, utilities and government agencies, the TDC600 handheld is a very suitable tool for communicating between the field and office. With Wi-Fi, Bluetooth 4.1 and 4G LTE cellular connectivity that supports data and voice calls, field workers are able to use the TDC600 as they would any consumer smartphone. Users can make calls, send text messages and emails and access the internet – removing the need for multiple devices in the field. Featuring a slim, lightweight and ergonomic pocket-size form factor, the TDC600 easily fits in a user's hand with a fitted strap providing extra security while on the job. Constructed to meet military (MIL-STD-810G) specifications, the durable design absorbs drops and shocks, and works in harsh weather conditions, without the need for a protective case.

Integration with data collection applications

The TDC600 integrates seamlessly with Trimble's data collection applications – Trimble TerraFlex software and Trimble Penmap for Android software – as well as third-party apps such as Esri Collector for ArcGIS. With its Google Mobile Services certification, users can run Google core applications and access apps on the Google Play Store for personalization of their device.

More powerful and with a longer lasting battery than its predecessor, the TDC600 handheld supports the Trimble Catalyst global navigation satellite system (GNSS) positioning service that delivers subscription-based accuracy on demand for Android devices. In addition, the TDC600 can be used with external receivers such as the Trimble R2 and R1 GNSS receivers, and also features a built-in GNSS receiver that supports GPS, GLONASS, and BeiDou constellations plus Satellite-Based Augmentation System (SBAS) capabilities for real-time positioning.

"The global mobile workforce is growing and field personnel are constantly tasked with capturing and computing large amounts of data in more places with greater accuracy, requiring powerful and reliable data collection methods," said Rachel Blair-Winkler, business area manager for Trimble Mapping & GIS. "A professional turnkey solution such as the TDC600 handheld running Trimble data collection apps paired with the Trimble Catalyst service fulfills this requirement. Our customers now have a powerful, comprehensive and cost-effective entry level system to collect and retrieve highly accurate GIS data virtually anywhere in the world."