

Android Application for Field Data Collection



Trimble introduced today Trimble Penmap for Android, a cloud-connected application for field surveying and high-accuracy Geographic Information System (GIS) data collection that works on mobile handhelds, smartphones and tablets. The app focuses on core survey and mapping tasks such as cadastral and boundary surveys, establishing local control, stake-outs, quality checks and asset management for utilities.

It provides both professional surveyors and field workers with an intuitive, map-based interface to manage features and attributes for high-accuracy GIS and complete survey documentation. For example, the application can be used in the energy distribution industry for locating infrastructure and recording critical information on encroachments, clearways and existing monuments. The application runs on a variety of Android devices,

including the rugged Trimble TDC100 handheld and supports full-featured Trimble Global Navigation Satellite System (GNSS) receivers such as the Trimble R10, R8s and R2 receivers.

Trimble Penmap for Android includes the Penmap Project Manager, which is used to set up projects, create templates and add team members. Penmap Project Manager works with the Trimble Connect™ platform for storing and transferring data between the field and office. Trimble Connect, which is also included in the Penmap subscription, is a collaborative cloud-based platform that enables organizations to set up and deploy projects to their field users. Information collected in the field is synced back to the office in real-time where it is stored, managed and communicated to team members. Data can also be exported from Penmap Project Manager into back-office systems in a variety of file formats for viewing and sharing.

<https://www.gim-international.com/content/news/android-application-for-field-data-collection>
