Trimble TerraFlex
SOFTWARE

MOBILE WORKFLOWS YOU CAN TRUST

Trimble® TerraFlex™ software is a flexible and configurable cloud-based solution for field data collection and real-time updating of geospatial information. The application provides a full collection of digital forms so you can collect attribute rich and accurate geo-located GIS and asset information all in one workflow. It provides a valuable set of tools that work in a wide range of applications and industries. Available in two editions—Basic and Advanced— TerraFlex software makes sure your data is up-to-date and reliable.

Use Your Existing Devices

Remove the need to carry a GPS unit, camera, clipboard, and printed maps by centralizing your data collection operations onto a single device. Supporting multiple devices and platforms, you can work with the handheld of your choice—from a smartphone to high-accuracy handheld—and collect data in the same way.

Keep Your Data Organized

TerraFlex provides flexibility to meet your organization's needs by offering multiple form templates for an optimal form fulfilment workflow. Field data collection assignments can be grouped into projects for assigning to individual team members, so information is collected and delivered in a consistent manner.

Update Existing Data

Ensure all project members are working with the most up-to-date data available with TerraFlex Advanced. Import pre-existing asset or GIS data into projects, make real-time updates in the field, and share that information across the project organization. Your field crews will have the information necessary to make timely and accurate decisions.

Keep in Sync—Save Time, Reduce Errors

Field data is automatically synced with a central server, streamlining office operations and driving higher productivity and cost savings. There is no need to return to the office to enter field data and no double-entry by re-typing paper forms. Project updates can be pushed to field crews and data sent back to the office in real-time, ensuring crews are collecting the information you need. TerraFlex is fully functional offline so crews can work even in remote areas with data automatically syncing to the office when they're back in range.

Fully Managed, Streamlined Data Management

TerraFlex takes care of all the database administration and management, so you don't need to expend resources to manage another system. With spatial and data-oriented views, projects and incoming data are viewed the way you want to.

Quick Template Set Up and Versioning

The drag and drop interface makes for efficient form template creation. Group and organize fields to create simple-to-navigate forms that allow for fast entry. Data integrity is ensured as form templates can be edited and rolled out to your team as project requirements change.

Equipped for Esri

TerraFlex works seamlessly with Esri by enabling you to easily move features and schemas between ArcMap and TerraFlex for a streamlined exchange of data. Plus, you can use free Esri basemap layers to create meaningful background maps for your projects.

Key Features

- Fast, efficient geospatial data collection across a fleet of mixed devices
- Keeps data organized, both in the field and office, using TerraFlex projects
- Work anywhere with streamlined data management workflows
- Easily import and update existing data for up-to-the-minute information

Trimble

TRIMBLE TERRAFLEX
SOFTWARE

Feature	TerraFlex Basic	TerraFlex Advanced
Data Collection		
Point, line, polygon	√	√
Field types:		
– Numeric (standard numeric input plus measurements fields):	√	√
◊ Length – Imperial and metric	√	√
◊ Angles – Degrees	√	√
– Text	√	√
– Date	√	√
– Selection field:		
◊ Single Choice/Radio button	√	√
◊ Multiple Choice/Checkbox	√	√
– Boolean/Yes/No	√	√
– Signature	√	√
– Images	√	√
– Conditional fields	√	√
– Advanced conditional fields		√
– Metadata fields (user, device, GNSS, etc.)	√	√
– Accuracy based logging		√
– Position required for logging	√	√
– Centimeter data collection	√	√
– Collect nested features	√	√
Import		
Esri XML schema	√	√
Shapefile		√
Export		
KML/KMZ	√	√
CSV	√	√
Esri File Geodatabase	√	√
Shapefile	√	√
WFS	√	√
Real Time Correction		
Device Support:		
Trimble Geo 7 and Geo 6000 series handhelds including integrated laser rangefinder support	√	√
Trimble Juno® 5 and 3 series handhelds	√	√
Trimble Yuma® 2 and Motion tablets	√	√
Trimble Nomad® 1050 series handhelds	√	√
Trimble R1 GNSS receiver	√	√
Trimble R2 GNSS receiver	√	√
Trimble R8s GNSS receiver	√	√
Trimble R10 GNSS receiver	√	√
Internet (VRS, single base), SBAS, external receiver	√	√
Trimble RTX™ services	√	√

Feature	TerraFlex Basic	TerraFlex Advanced
Background Maps		
Google maps and imagery (field and office)	√	√
Esri basemaps (office)	√	√
Offline basemaps powered by Trimble data	√	√
Data Updates		
Import existing data from shapefiles		√
Create field collection templates from existing attribute tables/layers		√
Create tasks:		
– Show task progress in field		√
– Show task progress in office		√
Push existing data to field users		√
Update geometries by field users		√
Update area and line positions		√
Update attributes by field users		√
Update attributes by office users		√
Navigate to feature		√
Support Esri tables		√
System Requirements		
Mobile*:		
– Android 4.x or later	√	√
– iOS 7 or later	√	√
– Windows 7 / Windows 8	√	√
– Windows Embedded Handheld 6.5 or later	√	√
– Supported GNSS receivers		
◊ Trimble Pro 6H and 6T receivers	√	√
◊ Trimble R1 GNSS receiver	√	√
◊ Trimble R2 GNSS receiver	√	√
◊ Trimble R8s GNSS receiver	√	√
◊ Trimble R10 GNSS receiver	√	√
Cloud Service:		
– Internet Explorer 11 or later	√	√
– Firefox	√	√
– Chrome	√	√
Available Languages		
English	√	√
French	√	√
German	√	√
Spanish (Latin America)	√	√

* Up to 3 different device logins per user in 24 hours.

Contact your local Trimble Authorized Distribution Partner for more information

NORTH AMERICA
Trimble Navigation Limited
10368 Westmoor Dr
Westminster CO 80021
USA

EUROPE
Trimble Germany GmbH
Am Prime Parc 11
65479 Raunheim
GERMANY

ASIA-PACIFIC
Trimble Navigation Singapore Pty Limited
80 Marine Parade Road
#22-06, Parkway Parade
Singapore 449269
SINGAPORE