CALIFORNIA SURVEYING
& DRAFTING SUPPLY

A ◆ Cansel Company

TerraFlow Utility Locate Mapper

Put your field data to good use.

Get the Industry's Most Configurable and Flexible Utility Mapping Solution

Locate Focused Workflows

Create the workflows you need to capture the assets you want with whatever attributes you require.

Sketch

Complete your public and private locate sketches in the field, leveraging the data captured. Build offsets and integrate your maps into your organization's locate reports.

Configuration

Administer your workflows with both your office and field teams through the web system.

API-Integration

Integrate your Utility Mapper data with your asset repository. Synchronize with your GIS, export to CAD, and more.

Intuitive and Easy To Use!

Start collecting

Capture locates and assets

Sync data with your systems

Finish map sketch

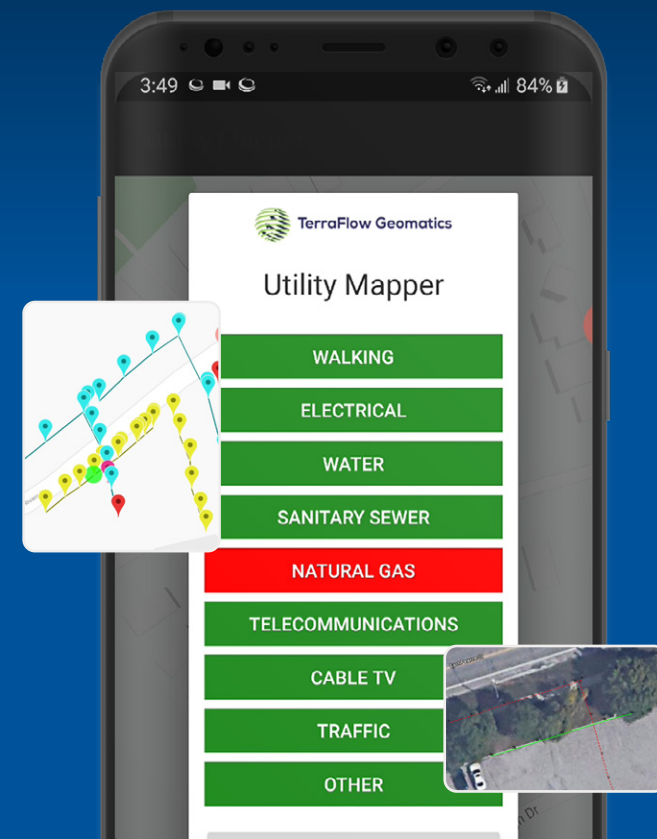**Download TerraFlow Utility Mapper today.**

GET IT ON Google Play

What accuracy are you looking for?

1 cm / 10 cm / 30 cm / 60 cm? Hourly / Monthly / Yearly?

CSDS's solutions allow you to pick the accuracy you need based on your different project requirements.

Built in support for best in class GPS equipment like Trimble's R2 or Catalyst, plus correction services such as CSDS Real Time Network or Trimble FieldPoint RTX ensure you get the best positional accuracy possible.

TerraFlow Geomatics · **RADIODETECTION** · **Trimble** *Authorized Dealer*

TerraFlow Utility Mapper Key Features

GNSS Support
- Trimble Catalyst
- Trimble R Series
- Trimble Spectra Precision

Geometry Collection
- Point.
- Line (with per vertex details)
- Line extend functions
- Point delete / Line delete

Attributes (Unlimited Number)
- All GNSS metadata (accuracy, satellites, etc.)
- User information (name, email)
- Date / Time information logged
- Text attributes
- Dropdowns (with "Other" opens a text box to capture a non-defined item)
- Radio Button choices
- Photo capture

Collection Methods
- Individual Point (i.e. valve)
- Timed multi point or line user tracking, generates data on a timed interval
- User chosen multi-point user decides when to collect the next point (i.e. hydro line with discrete locations)
- Locator driven – Utility Locator, when user taps "Log position"
- Utility Mapper collects data from the Locate set and logs the GPS point simultaneously

Integrations
- Radiodetection RD8100 & RD8200
- Vivax Metrotech vLoc2 & vLoc3 Pro (with Bluetooth chip)

Navigate to Point (Stakeout Functionality)

Operating System Support
- Android v4 and above

Map Making
- Default map with underling Google Maps / image
- Turn points on / off
- Ability to draw offsets / building lines and other items (configurable)
- Ability to support custom symbols (i.e. valve symbols, line styles, etc.)
- Ability to define map output (all in one, per utility, etc.)

Data Export
- CSV, KML and Shapefile
- ArcGIS Online / ArcGIS Portal support for Esri Dashboards, Esri GeoEvent Server, etc. AutoCAD DXF can be configured to meet your Block and Line standards.

Data Import
- DXF
- KML
- ArcGIS Online / ArcGIS Portal

Fully-web based backend.
Unlimited users.
Secure environment.
Per client databases (no mixing/ matching of data in one giant database).
Database can be geolocated anywhere within the Microsoft Azure Data Center network (by default databases are stored in Canada).
The system is fully secured and managed in Microsoft Azure data centers.

Database Hybrid Support
- If the database needs to be housed internally, this can be supported.

All Data Owned by Client
- TerraFlow does not retain ownership of the data collected, it's yours, we just help store and manage it.

Have questions? Contact a sales representative today at 1 (800) 243-1414.