

# Spectra Precision GIS Software Solution

## Datasheet



**Making GIS data collection  
easy and reliable**

### Features

- **Easy field data collection**
- **Short learning curve**
- **Efficient post-processing**
- **Cost effective overall solution**

## Spectra Precision GIS Software Solution

Spectra Precision MobileMapper GIS software suite offers a wide range of features that allows GIS professionals such as farmers, foresters, utility workers, or safety personnel to manage efficiently positioned assets in the field and at the office. It is made of a field application, MobileMapper Field, for data collection and a free of charge Office software (MobileMapper Office) for job setup and post processing.

The latest version of MobileMapper Field runs on Android. It is focusing on ease of use and simplicity with clear and intuitive workflows. With this application you can define categories of features (i.e. layers) and assign as many types of attributes as necessary for future projects. MobileMapper Field allows data collection or inspection of points, lines or polygons. It supports connectivity to Bluetooth enabled devices including cable locators and laser range finders. This software can display background maps so that users can view the features in the field easily and manage complicated GIS data sets. Furthermore, it can collect GNSS raw data in the background for post-processing with MobileMapper Office, improving the accuracy of real time collected position significantly. So even in difficult condition the Spectra Precision GIS software solution associates the best possible position to your GIS data.

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## MobileMapper Field

### 3 types of layers or geometries:

- Point
- Line
- Polygon

**Log features in the field and enter their attributes. Revisit features and update their attributes.**

### Attributes type:

- Numeric
- Text
- Date
- Yes/No
- Menu (menu items are customizable)

### or predefined attributes:

- Pictures (up to 4 for the same feature)
- Time of the measure,
- HRMS and VRMS
- Length (for lines)
- Surface and perimeter (for polygons)

### Display background maps.

#### Supported formats are:

- Google map,
- Raster maps (BMP, GIF, TIFF, JPEG)
- Vector maps data (shp)

### Coordinate systems

- Coordinate systems library is available to localize GIS data

### Goto function

- From list of logged points
- By entering coordinates

### Position filtering

- Based on HRMS accuracy

### Offset measure

- Manual entry
- Connect range finder

### Postprocessing

- Collect raw data in the background to enhance the accuracy of the collected positions at the office. This requires the purchase of the Post-processing option for MobileMapper Field, as well as the exclusive use of MobileMapper Office (free of charge).

### Import format:

- Shape files (.shp)
- MapInfo files (.mif)
- Comma-delimited text files (.csv) for point features only

### Export format:

- Shape files (.shp)
- MapInfo files (.mif)
- Comma-delimited text files (.csv) for point features only

### Languages

- Afrikaans, German, English, Spanish, French, Italian, Portuguese (Portugal and Brazil), Japanese, Korean, Simplified Chinese, Greek, Russian, Azerbaijani, Czech, Danish, Lithuanian, Hungarian, Dutch, Norwegian (Bokmål), Romanian, Finnish, Swedish, Turkish, Bulgarian, Serbian (Cyrillic), Hindi, Polish

### Trial version

- All functions are available in trial mode except Import/Export
- MobileMapper Field apk can be downloaded from SpectraPrecision.com website for free

## MobileMapper Field Screens



## Mobile Mapper Office Software

- View the data collected in the field as Map jobs in a more convenient way than in the field.
- Automatically search for the reference raw data that match your field raw data and download them to your computer. Supported networks are : IGS worldwide network, NGS (US), RGP (France), TRIGNET (SouthAfrica)
- Post-process the reference and field raw data to determine more accurate positions for all your features. Only possible for data collected with following SpectraPrecision receivers: MobileMapper 50 and 120 and SP60

- Perform quality tests on the post-processing
- Display background maps (only raster)
- Create new categories of layers for future projects
- View your features on Google Earth
- Export data to standard formats (csv, kml, gpx, shp)
- Convert existing projects to get their results on different coordinate systems



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