



Mapit GIS Professional

Info sheet



Mobile GIS. Asset Collection, GPS Surveys and Data Management for Android.

Key features:

- **Field data collection as POINT, LINE or POLYGON geometry**
- **Possibility to connect to external GNSS**
- **Option to use offline background maps**
- **Import/Export using common industry standard formats including SHP files, KML, CSV or GeoJSON**
- **Flexible designer for predefined lists of attributes**
- **Project management including export of the data to Geopackage format**
- **Support for projected coordinate systems and several local measurements units.**
- **Ability to carry out quick measurements without storing the data**
- **Straight line navigation to selected points or line or polygon vertices**
- **Collection of associated attachments: pictures, videos or voice recordings**

Mapit GIS Professional is a stand-alone, cost-effective mapping and surveying solution designed to enhance productivity in the field.

The application supports a wide range of common geospatial file formats for both import and export, and integrates seamlessly with various external GNSS receivers, enabling users to achieve centimeter-level accuracy when required.

With Mapit GIS Professional, users can design custom survey forms, organize data into structured layers, and work efficiently in challenging environments using.

The app also provides access to online mapping services such as WMS, WMTS and WFS, while GPS tracking capabilities allow for accurate capture of line and polygon features, as well as detailed GNSS metadata for point features.

Data is stored in the a Geopackage format, ensuring compatibility with desktop GIS applications—allowing exported projects to be opened directly in software such as QGIS or ArcGIS.

Widely adopted by professionals around the world, Mapit GIS is suitable for a variety of applications, including agriculture, forestry, geology, road construction, land surveying, and renewable energy projects such as solar farm planning.

Mapit GIS Professional is a fit-for-purpose field tool designed to streamline workflows and enhance the efficiency of spatial data collection and management with customizable settings and flexible configuration options,



Software Characteristics

Data layers can be defined as:

- Point
- Line
- Polygon

Attributes management and possibility to define data entry forms, fields can be type of:

- Text
- Numeric
- Dropdown List
- Multiselection List
- Boolean (Yes, No)
- QR Codes

Background Mapping

- Online Maps (Mapbox, OSM)
- Offline Maps - MbTiles format

Background Maps Overlays

- Mapbox, WMS, WFS

External GPS\GNSS

Connect to external devices using Bluetooth or TCP connection.

Application also supports location provided via Mock Location from third party software like Trimble Mobile Manager, Eos Tools Pro, Leica Zeno Connect or Lefebure NTRIP Client.

Offset measure

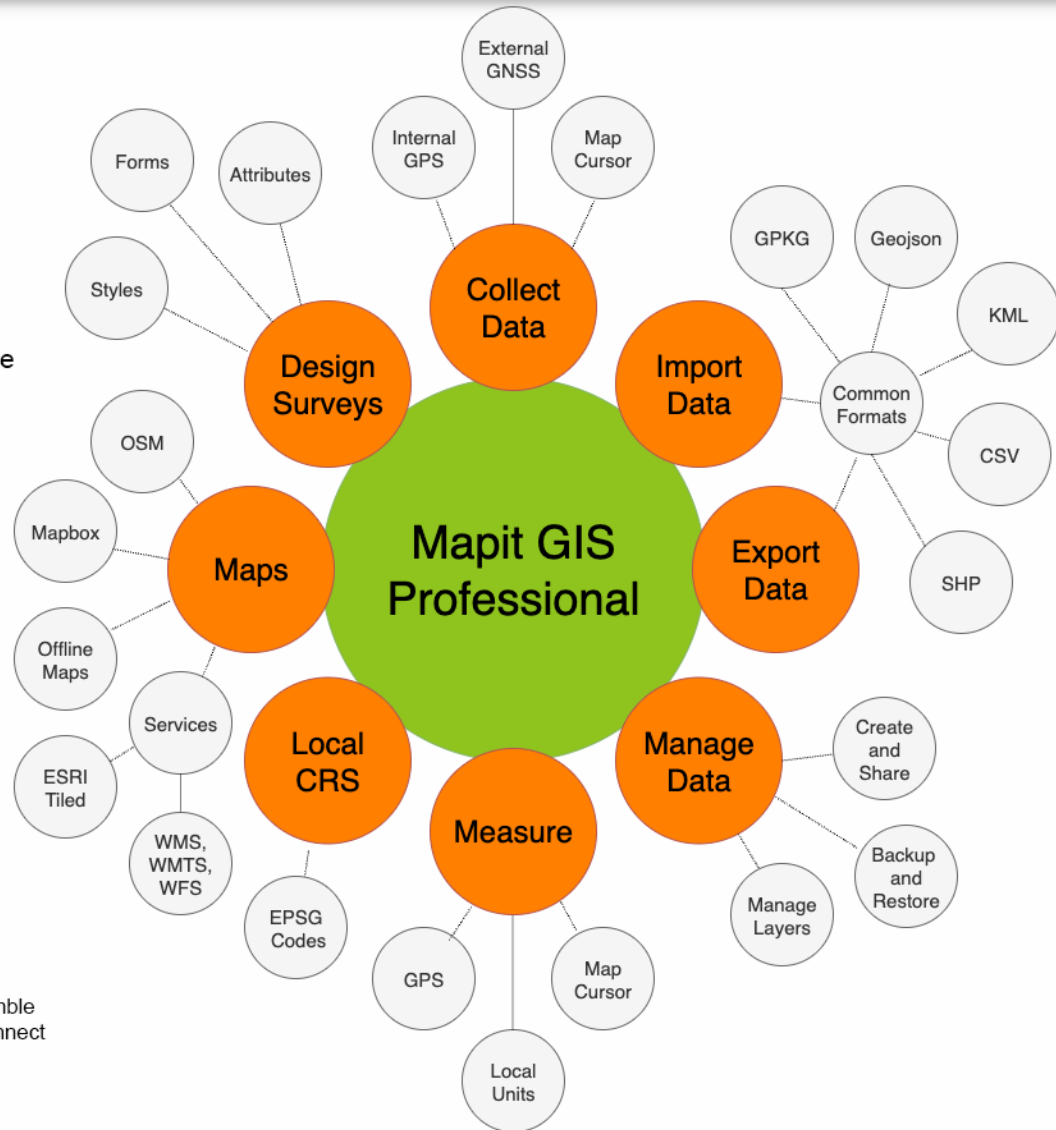
Data can be entered manually or using Bluetooth connected range finder.

Coordinate Systems

Mapit has some pre-defined coordinate systems for Display and Export. Industry standard PRJ4 library is used to convert coordinates for user defined projection via EPSG code.

Measurement tool

Allow quick calculation areas or distances without the need of saving the data.



Streamline Your Workflow and Enhance Data Collection Efficiency

Increase productivity in the field with flexible survey layers and the ability to re-use attribute sets across multiple projects. Export your collected data to widely supported GIS formats such as Esri Shapefile, CSV, KML, GeoJSON, and ArcGIS JSON, and seamlessly post-process your results in leading desktop GIS software.

More information and suport



Email: feedback@mapitgis.com
www.mapitgis.com

Please scan the QR Code on the right to open the website.

