Leica GEOSYSTEMS

Leica Zeno Mobile One

Simplify your data collection

Interaction with Zeno Mobile One is simple and intuitive, providing advanced functionality without the need for extensive training.

- Import and export data to cloud services.
- Multi-touch support for easy map orientation.
- Supports a range of GIS and CAD data formats.
- Connect to HxGN SmartNet to improve GNSS measurements with Smart Positioning technology through RTK or post-processing.

Leica Zeno Mobile One integrates seamlessly with existing systems to streamline GIS and CAD workflows, helping to build efficient end-to-end solutions across field and office operations.

- Link and synchronise data with Esri ArcGIS Online and ArcGIS Enterprise.
- Capture multiple features at the same time using the multi-collect function.
- Use OpenStreetMap or your own background maps instantly via WMS/ WFS
- Import, edit and share CAD files while preserving the original drawing exactly as designed.
- Find tool for precise location of assets.

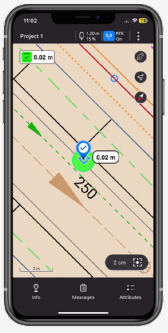
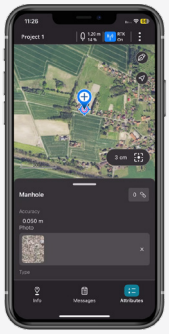
Leica Zeno Mobile One is an easy-to-use app for collecting high-accuracy GNSS measurements, visualising and sharing geospatial data.

- Supports iOS and Android.
- Connect to Leica GNSS devices to utilise high-accuracy data collection.
- Connect to utility detection devices.
- Simple and intuitive user interface and workflows with minimum training required.

HEXAGON

Leica Zeno Mobile One

Technical specifications	
User interface	Intuitive menu design for editing features and attribute entry. UI & buttons kept to a minimum to guarantee a map centric user experience.
Project management	Create projects on the fly without the need for any other software. Create data layers in Microsoft Excel using familiar tools. Import, edit and export CAD files directly in your device. Better orientation in the map having OpenStreetMap available.
Data capture	One tap operation to capture points, line and polygons from GPS or digitise on screen. Complex feature editing including vertex addition/movement/deletion. Auto fields to automatically store metadata such as GPS accuracy, height values and more. GPS accuracy limits to enhance data capture quality. Filter your data by location and/or attributes. Only display what you need to see. Streaming of points and vertices for faster data capture.
Find features	With the Find feature, you can easily find your map features in the real world. The Zeno Mobile One stake out routine will guide you to your target in a seamless map workflow.
Multi-collect	Collect more than one feature of more than one type at the same time.
Coordinate system support	Large internal database of coordinate systems to use across the world. Supports coordinate system configuration and geoid model files as well as TRFSET formats. Download country specific geoid and CSCS files from an online repository directly within the app. Access pre-defined kinematic reference frame transformations or create your own with user defined epochs and velocity models for accurate satellite-based measurements in tectonically active areas.
RTK support	Easily create RTK and DGPS profiles for increased accuracy. Built-in SBAS profiles for increased accuracy without a mobile data connection and support for satellite-based measurements in tectonically active areas.
Utility detection devices	Connect to utility detection devices for measuring high-accuracy asset locations while automatically storing metadata in the app. Supports Leica DT100, RD8200, vLoc3-Pro.
Web Mapping Services (WMS & WMTS)	Add data from WMS and WMTS servers and direct access to HxGN Aerial Imagery available.
Web Feature Services (WFS & WFS-T)	Connect to WFS and WFS-T services for online and offline editing of databases.
Raw data logging	Store raw GNSS observations in projects to enable post processing.
Smart positioning	Connect to HxGN SmartNet to improve GNSS positions over the air at the touch of a button.
Leica GNSS antennas	FLX100 plus, GG04 plus.
Software support	Zeno Mobile One projects can be directly imported to Leica Infinity.
Operating system	iOS 16 and newer. Android 12 and newer.
Esri ArcGIS Online / ArcGIS Enterprise	Link and synchronise feature services with your Esri ArcGIS Online / ArcGIS Enterprise account directly from Zeno Mobile One. Import and publish ArcGIS web maps.
Cloud connectivity	Import and export projects and data directly from cloud storage platforms.
File format support	SHP, KML, ASCII, GML, DWG, DXF.
Attachment format support	Images, Video, PDF.

HxGN Aerial Imagery	Find features	Attribute management
		

Support of different iOS and Android versions cannot be guaranteed at all times as operating system updates are out of Leica Geosystems control. Leica Geosystems publishes a list of fully tested and verified operating system versions on the customer information portal myWorld.

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