

Leica Zeno Mobile Connect to Esri Geospatial Cloud



Release Ready
Specialty



Connectivity to Esri's ecosystem

Zeno Mobile has now direct access to the world's leading GIS ecosystem powered by Esri's Geospatial Cloud. Quickly create maps and instantly share them with anyone, anywhere. Intuitive analysis tools help you learn more about your data. Use ArcGIS Online as a standalone solution for your mapping and analytics needs.



Real-time data synchronisation

Share measurements, attributes or attachments such as pictures in real-time between field and office. Your data is not only transferred but also synchronised between Zeno Mobile and Esri's Geospatial Cloud. This enables new ways of working, especially for maintenance and inspection tasks.



Multi-user enterprise solution

Assign user types to your field crew depending on your specific workflow. Grant access to create new data on your mobile device or restrict modifying the project in order to update existing data only. Share layers for editing or restrict user to read-only rights (e.g. as background data).

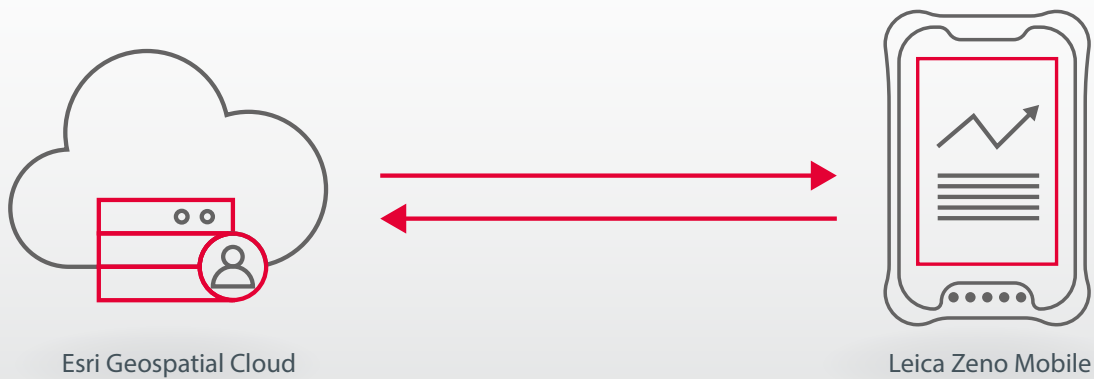
leica-geosystems.com



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Zeno Mobile and Esri Geospatial Cloud



Zeno Mobile is Leica Geosystem's easy-to-use data collection app available for Android phones and tablets (Android 5.0 and higher).

CONCEPT

- Easy to use surveying app for utility workers with limited surveying knowledge.
- High accuracy measurements provided with the reliability and accuracy of the world's largest reference network – HxGN SmartNet.

REQUIREMENTS & CHALLENGES

- Share data between field and office over the air.
- Data acquisition must be possible on mobile devices without the need for an internet connection.
- Certain field users should be permitted to adjust data models while other users should only have editing rights.
- Link to existing layers generated in the office or define new layers ad-hoc in the field and share them through Esri's Geospatial Cloud.
- GIS databases must be synchronised with field data collected by several crews.

Zeno Mobile is now seamlessly connected to Esri products, ArcGIS Online, ArcGIS Enterprise and office software ArcGIS Pro and ArcGIS Desktop.

HOW CAN I USE THE NEW ESRI CONNECTIVITY IN ZENO MOBILE?

- Connections to Esri's Geospatial Cloud are free of charge in both Zeno Mobile Standard and Professional versions.
- A valid Esri subscription is needed. Please contact your local Esri sales representative.

EXAMPLE WORKFLOW

1. Generate a new hosted feature layer in ArcGIS Online, ArcGIS Enterprise, ArcGIS Pro or ArcGIS Desktop based on local data or existing services.
2. Share the layer to your organisation or selected user groups and define read-only or editable permissions.
3. In Zeno Mobile, sign in with your Esri credentials. Your user roles (ability to modify data structures or collect data only) are automatically defined once logged in.
4. Collect new data or modify existing data based on your project's requirements.
5. Synchronise your field project with the database through Esri's Geospatial Cloud.

Technology Integrations

HxGN SmartNet

HxGN SmartNet transforms the world's largest reference network into a precise positioning service. Pair the Leica Zeno Tab 2 with the Leica GG04 plus smart antenna and connect to HxGN SmartNet GNSS correction services to enable up to one centimetre positioning in real-time, allowing for faster and more accurate data collection in the field.

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- when it has to be **right** 