



vGIS TRIAL GUIDE

Quick Start

vGIS Utilities is a cloud-based app that displays BIM and GIS data using mixed and augmented reality.

We appreciate your test trial of the vGIS system. We're sure you'll enjoy the benefits that augmented reality will bring to your fieldwork. We built vGIS to help users just like you make their work faster, easier and safer.

vGIS is incredibly easy to learn and use. To help you make the most of your free trial, this guide explains the best practices related to it.

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Have questions? Let us know – support@vGIS.io or [@vGIS Map](#).

vGIS System Trial

The main goal of a free vGIS trial is to perform a quick validation of the system's functionality described during the vGIS demo. The trial is akin to a test drive – a quick check to ensure the system performs within the set parameters.

Occasionally, there is a need to evaluate vGIS over a longer term, calculate expected return on investment (ROI) and check the system's performance in different environments, such as multiple departments, geographies and operating conditions. vGIS offers a pilot project option that enables companies to achieve these goals.

Trial Format

The typical vGIS trial is done over the course of two weeks using sample data provided by the client. Alternatively, vGIS can grant access to vGIS's demo dataset. We usually require between 1 to 3 business days to process the data before the trial begins.

Once the sample data is added to the system, the client's test team will install the vGIS app on its own devices. Over the course of the trial the testers will validate:

- System's UI and ease of use
- Positioning and visualization capabilities
- Accuracy and stability
- Other components relevant to the system's acceptance

Trial Duration

The typical vGIS trial is done over the course of 2 weeks. In some cases, the trial can be extended to accommodate special requirements.

Test Team

Although there are no set limits for the number of testers participating in a trial, the recommended test team size is 1 to 3 individuals. Smaller test teams tend to have a clearer understanding of the test process and objectives. Larger teams of 4 or more individuals can be less focused, as they are less likely to have a unified vision of what needs to be tested in the AR system.

It is tempting to consider a large test team for a vGIS trial. The experience shows that smaller teams have higher trial success rates, as larger teams tend to digress and concentrate on elements irrelevant to the system's operability.

Sample Data and Visuals

The ideal trial dataset will have between 8 to 12 feature layers, representing a few point features (e.g., hydrants, manholes), 2 to 4 line features (e.g., cables or pipes) and 1 to 2 polygon features. Larger datasets are reserved for the post-trial phases. There are no recommendations for the geographic scope – the trial data may cover any area you want to test from a parking lot to an entire city. The vGIS team will perform a data setup, as the self-service Admin Portal is not available for demo accounts.

The vGIS team will define the visuals using the historical understanding of similar datasets. The visuals can be adjusted if necessary. The main objective is to validate the flexibility of the visualization engine rather than to check accurate asset representation, which will be done during the production setup.

Training

The essential training for the trial is delivered through pre-recorded videos. In-depth training is offered during the pilot project or subscription.

Trial Requirements

- Acceptance of the Terms of Service (<https://www.vgis.io/terms-and-conditions/>)
- Compatible Android, iOS or HoloLens devices (<http://ow.ly/FwkX30oPgza>)
- Internet connectivity (Wi-Fi or cellular) at test sites
- Test data in the following formats:
 - Esri ArcGIS (Enterprise or Online)
 - Feature/Map Services
 - Scene Services (**coming soon**)
 - Bentley iTwin or BIM data in the following formats: **.dgn**, **.dwg**, **.ifc** or **.skp**.
 - Shapefiles, GeoDatabases or KML
 - WFS
 - WMS/WMTS
- Custom aerial imagery (**optional**)