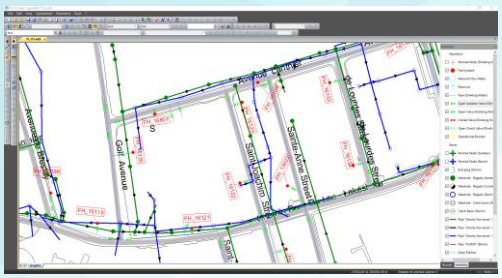


Graphic Interface

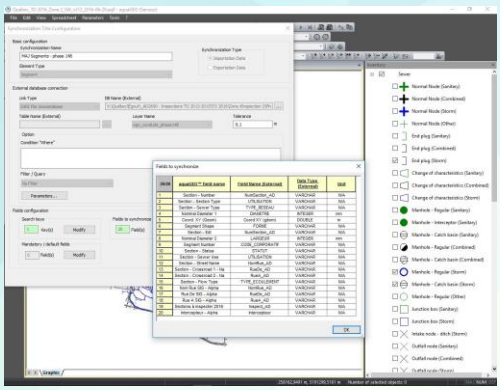
ROLE

- Working environment for all of the network types that are part of the aquaGEO framework.

ADVANTAGES

- Stand-alone application with graphic interface or as an extension in ArcGIS. Stand-alone version also works when implemented as extension in ArcGIS;
- Compatible with standard GIS systems linked to SQL Server or Oracle spatial databases;
- Access to data via spreadsheets, dialogues boxes, graphic interface and detailed queries;
- Implemented topology rules during characterization to ensure data integrity;
- All data in the database can be queried via customizable SQL queries;
- Queries can be filtered by an unlimited number of defined polygon areas such as district metered areas, pressure districts, drainage basins or political areas;
- Access all data in dynamic spreadsheets. Export, copy, paste to most commercial software. Change units, search assets, replace data, apply arithmetic operations and modify data quickly and efficiently. Functions such as insert, delete, sort, filter and print are also available in spreadsheets;
- All data from the software is stored in a relational database and provides functions to generate reports and links to transfer data to different applications (importing data is also available);
- Add and manage various background formats to add context and help locate assets (dxf, shp, ecw, tif);
- Add projections to georeference your network and integrate data with your corporate GIS and open source applications;
- Link external documents or files to specific assets.

ArcGIS ESRI



Synchronization Module

ROLE

- To synchronize geometric and descriptive data for water distribution, sewer, road systems as well as the right of way segments between aquaGEO and commercial GIS.

ADVANTAGES

- Exchange, extract and create dynamic links between aquaGEO and standard databases such as: Oracle (Spatial, Locator), SQL Server, MS Access and ESRI products (Shapefiles, PGDB, ArcSDE);
- Allows regular updates to be done on a schedule easily and efficiently;
- Data is entered in the system of your choice once. No need to update multiple platforms;
- Identify changes before the synchronization process starts and have the option to refuse the change before it's too late;
- Validates imported data to preserve the data integrity;
- Synchronise various types of results generated by aquaGEO to your GIS such as:
  - Hydraulic analysis results;
  - Inspection and diagnosis results;
  - Intervention Master Plan results including functional deficiencies, intervention priorities, recommendations and associated costs.