

CASE STUDY

Project: Water Distribution Network Data Migration
Customer: Utility Distribution Company (for Gas/Water), Europe

Requirement

The customer, one of the largest utility distribution companies in Switzerland was required to work on migration of water distribution network to a mainstream GIS system for easy maintenance of network resources. AABSyS was a sub-contractor for seamless Data Migration of AutoCAD DWG data to Microstation DGN format. The customer supplied the necessary map-tiles and original scanned paper maps.

Solution Offered

- The AutoCAD Layers were renamed to suit to Microstation standard layer structure.
- The AutoCAD map-tiles were geo-referenced using supplied ground control points from customer.
- AutoCAD DWGs were imported into Microstation.
- Edge matching was done for each map-tiles and network connectivity was made.
- A customized tool was used to tag the Annotation to their respective objects (polyline or point objects).
- Visual QC was done against the supplied scanned paper maps to ensure against data loss during migration and network connectivity at edge of each map-tile.
- The customized tool was used to ensure the tag in annotation.

