CASE STUDY

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

Requirement

The customer, one of the largest distribution companies in Europe had requested AABSyS to capture their gas pipe asset data such as all the pipe objects, dimensions, labeling and missing topographical objects into GIS using Small world 4.0. The works also involves transfer and merge the data in one single format for a network of 2100km length.

Solution Offered

- The data was migrated from different platforms like AutoCAD, Microstation and Intergraph to overview scale
- The original maps were scanned and the raster data is taken as reference
- Around 25% survey points were taken from existing pipes underground and pipe objects, to lay the pipe on GIS
- In the rest 75% area, the pipes were laid down from source scanned maps provided as reference
- Attributes of pipe and pipe objects were taken from the source maps.
- Queries were discussed and solved online.

Technology Used

- Two senior managers from AABSyS traveled to customer site for training on source data structure, specification, methodology and pilot data capturing. They then created and trained a team of experts before segregating them into various departments for efficient project execution
- Customer had provided some easy tools to expedite the data capturing process
- AABSyS team worked on high end, updated versions of AutoCAD, Microstation, Smallworld and Intergraph
- An indigenous query handling system, was used to interact with the customer

Customer Advantage

- The customer, one of the largest distribution companies in Europe, has appreciated the project delivery in a time bound and cost effective manner
- The continuous interaction regarding the queries ensured that the deliverables were prepared as per the customer's expectations
- AABSyS is a leading service provider supporting European utility industry with deep domain expertise and strong local partnership in the region.