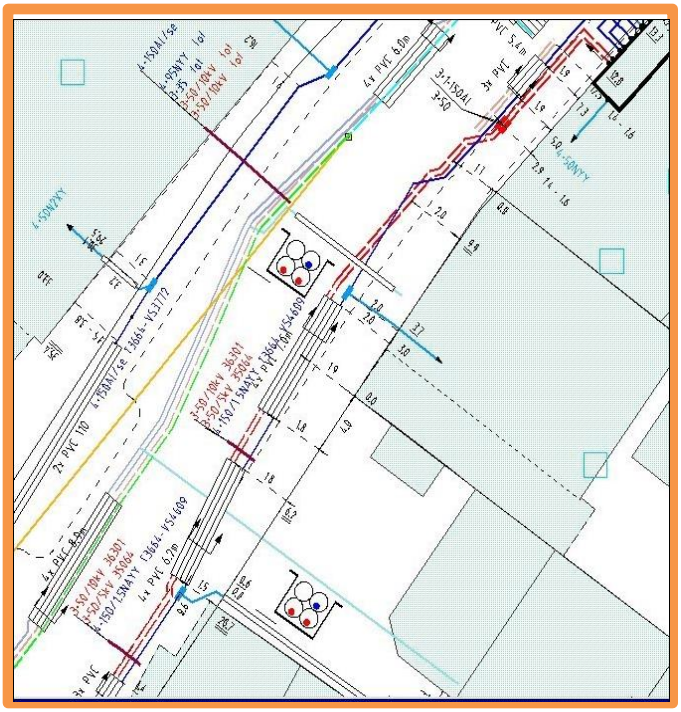
AABSyS
end to end GIS services

CASE STUDY

Project: Data Capturing of Electricity Network using SmallWorld
Customer: Utility distribution company, Germany

Requirement

The client, a leading utility distribution company in Germany for Electricity, Gas and Water, requires digitization of electrical distribution network. AABSyS was required to capture the electricity network with details along with the streetlight and house service cables in detail scale asset data into GIS using SmallWorld 4.1 platform.



Solution Offered

- Three weeks onsite training on source data structure, specification, methodology and pilot data capturing was given to AABSyS's senior management.
- AABSyS deployed as many as 75 resources
- The project was executed on CITRIX mode by accessing the remote server at customer end in Germany
- AABSyS captured high, medium and lower voltage cables, streetlight cables, and communication and house connections as per the dimensions with reference to the original raster maps. The team rerouted voltage cables along the street with reference to the original raster maps.

Technology Used

- Various quality check procedure such as automated query checking, spot checking was done to ensure error free maps
- Medium Voltage cables that supplied directly were connected from station to station
- All the electrical stations, distributors, joints, protection ducts were captured with their attributes. A standard 0.3 m distance was maintained between each cable.
- All features captured in details scale then transferred to overview scale. Internal schematic maps for transformers and distributors were prepared.
- Dimensions such as, linear, orthogonal, chain type were placed as per the raster maps

Customer Advantage

- The client is a leading utility distribution company in Germany for Electricity, Gas and Water, located in Germany. The flawless maps created by AABSyS were useful in making informed decisions.
- AABSyS has a track record of supporting some of the prestigious Electrical, Gas and Telecommunication utility majors in Europe, Australia and US, for their GIS data conversion and software automation projects, in diverse set of GIS platforms including AutoCAD, SmallWorld, SpatialNet, Network Engineer and MicroStation.

AABSyS INFORMATION TECHNOLOGY PRIVATE LIMITED

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