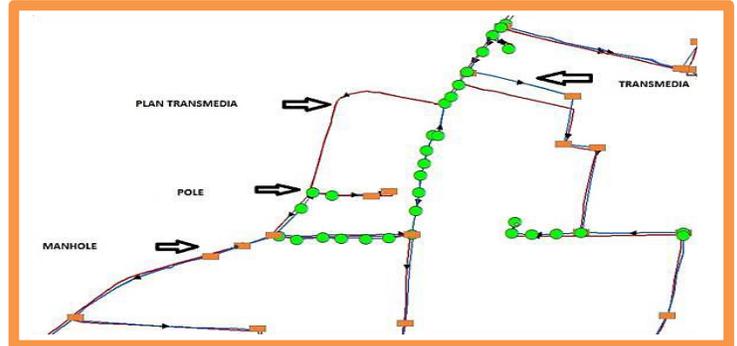


CASE STUDY

Project: Consultancy Services for Telecommunication Network Assetization
Customer: Leading Telecom Company, Middle-East Asia

Requirement

The customer, a leading telecom company based in Middle-East Asia required AABSyS to provide assetization of a large telecom network project. The main scope of the project included, capturing of conduit network, semi duct fiber network, direct buried cables and aerial cables. It also included the capturing of cross-sections for conduits and ducts. The customer supplied AABSyS with consumer database and survey points on the pre-digitized ground cadaster map



Solution Offered

- AABSyS has used AutoCAD for mass data capturing and migration tool for migrating the data from AutoCAD to ArcFM suite products such as ArcFM Fiber Manager, Conduit Manager
- Data feeding to object attribute was performed directly on object editor of ArcFM
- Data integration, analysis and management was done using ArcFM tools such as Designer, Redliner and Inspector
- The attribution of house connection network was done by referring to the consumer database, which was either provided by the customer or procured otherwise
- The quality process recommended included visual examination, data connectivity checks through inbuilt tools of Fiber Manager and Conduit Manager
- QC of attribute data was performed directly on object editors to ensure the correctness of non-spatial data

Technology Used

- Indigenous Auto LISP routines were developed in order to expedite the drafting process and assure quality assured floor plans
- The team at AABSyS used high end, up-to date ArcFM GIS System, ArcFM Fiber Manager and Conduit Manager for final use and analysis of the network
- AABSyS used three different levels of quality assurance procedures to ensure that the final products are totally error free

Customer Advantage

- The customer required the project to be completed in a time bound and cost effective manner for asset management of Telecommunication Network for maintenance, planning and use
- The indigenous online query management system ensured that only relevant questions were asked by the AABSyS team
- Cost-effective and timely delivery and helped the customer initiate their project well in time