

CASE STUDY

Project: Data Capturing of Broadband Network

Customer: Leading Broadband Network Provider in Australia

Requirement

The customer, a leading Australian broadband network provider, required AABSyS' support as a sub-contractor in one of their projects for constructing greenfields fiber network design. They required assistance in capturing data for construction and installation of the broadband network with standardized design. Additionally, the project also required AABSyS to create As-Built drawings and update the assets in geographic information system.



Solution Offered

Based on the design and volume of the work laid out in the Service Level Agreement for the expected timelines of new drawing, revisions and ASLAIDs, AABSyS IT worked on:

- Drawing preparation which involved identification of the location on land base input using street junctions and POIs/landmarks, capturing the network features as per the standard design specs provided by the customer, scaling and standard offset from right of way to cable and conduit, while following the coding and naming convention as per specified design standards.
- Standardized attribution for cables, pits, terminals, duct, conduits and other OSP equipment with their unique coding standards and interlink with fiber service area, fiber service module, fiber distribution area, physical network identification (OSP) and sequence number of equipment/asset
- Standardized Quality Check and Quality Assurance involved plotting and checking in-line with the inputs, e.g. for pits, cables and connectivity

Technology Used

- AABSyS deployed a team of 15 resources to work on the drawings for construction purpose as per the design and creating ASLAID drawings
- The team at AABSyS used high end, up-to dated software such as AutoCAD, Estate Manager, Archibus Admin, etc. to complete the given task
- Customized tools were used to capture the features with certain logic and checks that help design team members to follow specified guidelines like naming/coding conventions

Customer Advantage

- AABSyS has delivered the project in a time bound and cost effective manner for asset management of Telecommunication Network for maintenance, planning & use
- Timely and cost efficient delivery of the project had saved critical time for the customer