

## CASE STUDY

**Project: 3D building data of select city pockets for Wireless Network Planning**

**Customer: Leading navigation company**

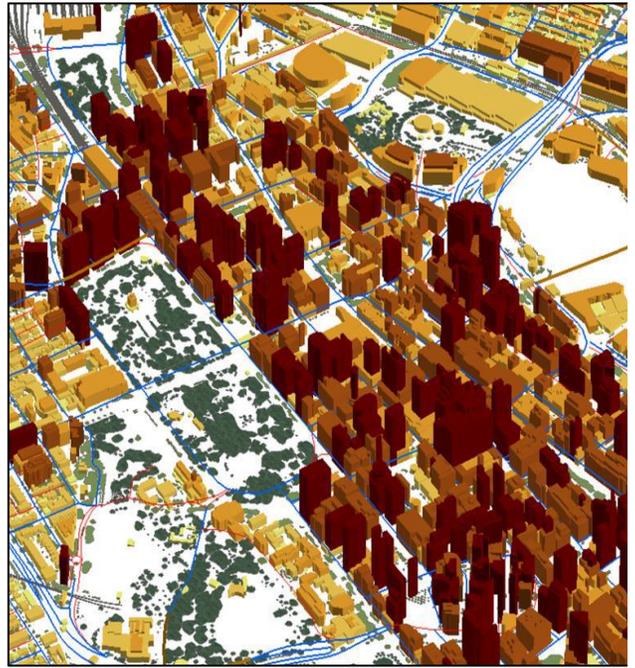
### Requirement

The client, a leading telecommunication firm, has requested AABSyS support for the creation of high resolution 3D building data for accurate planning of their wireless networks. The scope of work included creation of digital terrain model, digital surface model, digital building height model, vegetation model, detailed clutter (land-use) data and vector (linear) data.

### Solution Offered

AABSyS had offered the following solution:

- Selection of the most suitable source inputs for data creation of nine key cities of Australia
- Creation of data in line with the customer's data model and interpretation parameters for each data layer
- Detailed quality assurance procedures certified in line with the customer's quality policy



### Technology used

- AABSyS had assigned a team of 51 team members including a project manager, a project head and team leaders
- The team at AABSyS used high end, updated software such as AutoCAD Map, ZWCAD, and ArcGIS to complete the given task
- Few indigenous auto lisp routines were developed in order to expedite the drafting process and assure quality of 2D footprints
- AABSyS was in continuous correspondence with the clients for quick resolution of project queries

### AABSyS Advantage

- The client – a leading telecommunication firm in the Asia Pacific region – had appreciated the quick and steady work flow from AABSyS
- AABSyS had also supported the customer with delivery of data in multiple formats, enabling a smoother process of network planning
- With our long standing experience and deep domain expertise, AABSyS is well placed to support the global telecom industry with a range of efficient and flawless solutions and services