

## CASE STUDY

**Project: 2.5D Height-based clutter data for wireless network planning**  
**Customer: A leading telecommunication firm in the Asia-Pacific region**

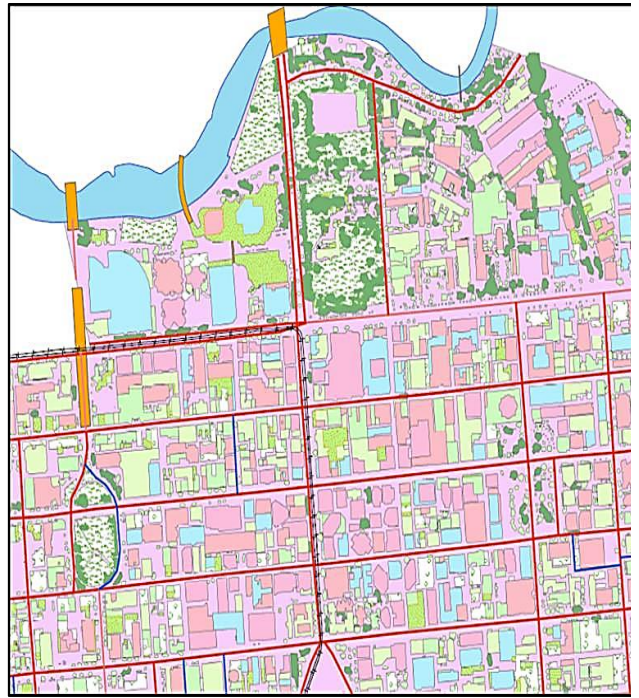
### Requirement

The client, a leading telecommunication firm, has requested AABSyS support for the creation of 2.5D height-based clutter (land use) data for accurate planning of their wireless networks.

### 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 land use data from suitable satellite images
- Height-based classification of land-use 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 has procured and used medium-high resolution satellite images of the latest vintage for data creation, over nine key cities of Australia
- Proprietary tools and algorithms were used to derive the various data layers in line with the client's data model
- High end software such as ERDAS Imagine was used along with in-house developed tools for the classification of land use data
- Quality control and assurance procedure were carried out using quality tools developed in house.

### 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