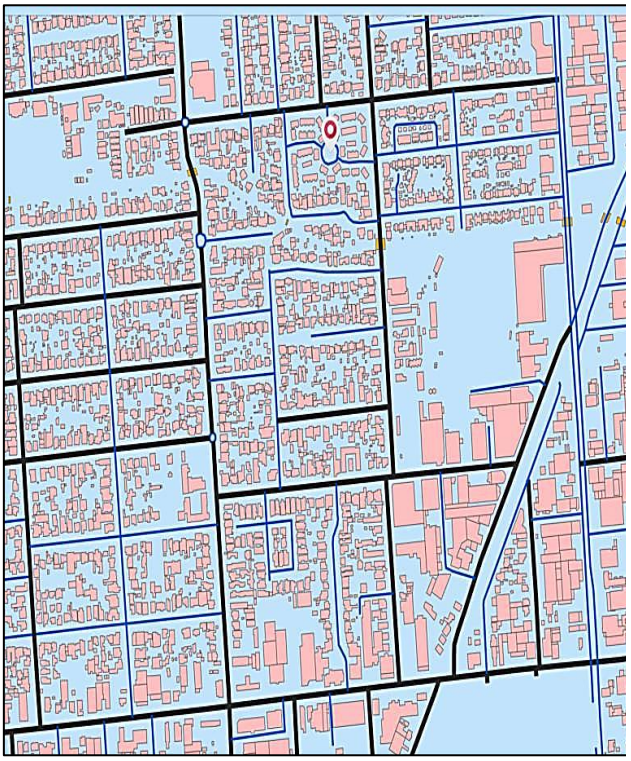
AABSyS
end to end GIS services

CASE STUDY

Project: Capture and representation of 2D building footprints
Customer: Leading navigation company

Requirement

The customer, a leading global navigation company, has requested AABSyS to capture 2D building footprints of major Indian cities with reference to high resolution satellite images. AABSyS IT was also required to flag the client's street data where re-alignment, addition and deletion of streets were required.



Solution Offered

- AOI finalization, verification of input satellite images and ensuring the complete availability of satellite imagery over the cities of interest
- Capturing building footprints, base and hollow parts of building, along with building features intersecting / crossing the city
- Flagging of input street data where re-alignment, addition and deletion of streets were required
- Detailed quality check & quality assurance to ensure that each building is verified for correct shape and that no building polygons are overlapped

Technology used

- AABSyS had assigned a team of 51 team members including a project manager, a project head and team leaders to carry out this project
- The team at AABSyS used high end, updated software such as AutoCAD Map, ZWCAD, and ArcGIS to complete the given task
- 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

Customer Advantage

- The client – a leading navigation content service provider – had appreciated the quick and steady work flow from AABSyS
- The customer was able to create new city databases and at the same time update and rectify their existing datasets
- With our long-standing experience and deep domain expertise, AABSyS is well placed to support the global navigation content industry with a range of efficient and flawless services

AABSyS INFORMATION TECHNOLOGY PRIVATE LIMITED

Tel: Bhubaneswar: +91 674 662 1001, Noida: +91 120 499 1414 | Fax: +91 674 662 1000 | Mail: info@aabsys.com