

Project: DTM Creation for European Cities

Client: A global leader in Land based solutions

Our client is specialised in the areas of civil, geographic, agronomic, informatics, and topographic engineering, economics, geography and regional planning, solicit adores, technical and administrative personnel, dedicated in satisfying the need of clients. They have years of experience in providing engineering services through the application of state-of-the-art technological solutions for the acquisition and manipulation of georeferenced information.

Paradigm was chosen to support them in creating DTM of all water bodies for European cities.



Objective:

- Main Goal is to generate a Digital Terrain Model.
- To capture all Hydrography, Tracks, Breakline.
- To create a Grid of 10m interval

Services:

- Capturing the aerial images with high degree of accuracy .
- Capturing all Breakline ,Water data's (river,waterline,ditchs, Lakes etc.),Tracks , Bridges and Viaducts
- Generating Grid of 10m Interval using the Altimetry data.
- Matching the Grid points with the profile points provided by the client.

Benefits:

- It allows users to create a terrain surface model , which help in identification of areas prone to flooding .
- Results in an improved and more consistent accurate mapping in identifying water catchment area.



Software Used: LPS Pro600 (9.2), Microstation(V8), Match -T , DT Master

Technology: Stereo Compilation, DEM Generation, Dem Editing

Area of Interest: 36+Lakhs ha

Country Mapped: Romania

Duration : April 2011 – On going

Team Size : 40+