

Project: Photogrammetry Mapping of Madeira Airport, Portugal

Client: A global leader in geospatial services

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 Photogrammetry mapping of Madeira Airport, Portugal



Objective:

- To map all features inside and around the Airport area using Photogrammetry technology.
- To create 1m contour.

Services:

- Captured the extent of the parcels, roads, poles, vegetation, water features from aerial images in closed polygon with high degree of accuracy and interpretation
- Marked the height of all constructions, vegetation, poles inside and around Airport zone.
- Coded and multicoded the layer
- Created 1m contour using Altimetry data

Benefits:

- Provided the height of all features inside and around the Airport Zone, which helps in flight management.
- Allowed the user to get a graphic display of all features inside and around Airport zone.
- Resulted in an improved and more consistent accurate mapping data for location land properties



Software Used: LPS Pro600 (9.2), Microstation(V8, XM),

Technology: Stereo Compilation, Contour Generation, Multicoding

Area of Interest: 2436 ha (1k scale)

Country mapped: Portugal

Duration : Oct – Nov 2010

Team Size : 45+