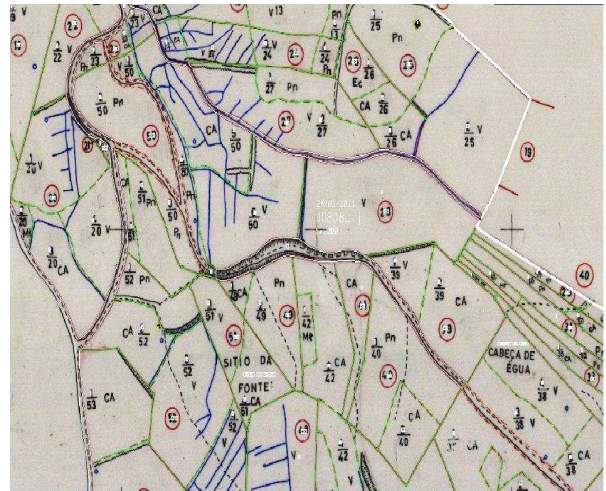


Project: GIS Map Conversion of Portugal Municipalities

Client: A global leader in GIS services

Our client is specialized in the areas of civil, geographic, agronomic, informatics, and topographic engineering, economics, geography and regional planning, solicitors, 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 GIS Map conversion of Portugal Municipalities



Objective:

- Digitization of Parcels, Sub-Parcels Buildings, Hydrography, Section social area, Parcel social area and all divisions within the map.
- Capturing the Parcel, Sub-parcel, Section, Social Area Identifiers and all Landmarks.

Services:

- Geo-reference the scanned paper maps with reference of roads and GCP's.
- Digitise the extent of the parcels from scanned maps with high degree of accuracy and interpretation.
- Topology error checking and creation of digitized layers into polygon.
- Identifiers, Landmarks, Names as text.
- Edgemark with adjacent sections and also adjacent municipalities.

Benefits:

- Inventorization of the agricultural parcels which allows the geographic referencing of the property and its quantitative characterization.
- It helps to identify the changes of the parcels from time to time.



Software Used: Autodesk Map, Microstation SE

Technology: GIS Data conversion, Cartography

Area of Interest: Mapped more than 11 municipalities

Municipalities Mapped: Almada, Barreiro, Loures, Moita, Palmela, Porto de Mós

Duration : June 2009 – March 2010

Team Size : 40+