



PIEDMONT NATURAL GAS

Piedmont Natural Gas (PNG) operates a gas distribution network supplying natural gas to approximately 700,000 customers in Tennessee, North Carolina and South Carolina. The PNG service area is approximately 5,000 square miles covering more than 35 counties.

Under subcontract to Convergent Group (now SchlumbergerSema), Rolta converted landbase and gas distribution network data from a combination of vector facilities data, digital databases and digital landbase sources to a Smallworld GIS model.

Sources for the landbase conversion were a combination of existing local government GIS data and digital landbase files purchased from GDT. Sources for the gas facilities conversion were vector CAD gas distribution maps in InfoCAD or MicroStation format and legacy data from existing databases.

Rolta used standard Oracle and MicroStation as tools in the production process, developing various routines for automated address placement and matching as well as street centerline placement and repositioning as per specifications. Rolta also performed an automated matching and placement of gas services using address location and PNG's customer information database.

The converted data was delivered in EDIF, a SchlumbergerSema exchange format, for loading into the PNG Smallworld based ENOM data model.

About Rolta

Rolta's knowledge of Geospatial Information Systems is based on our total commitment to quality and the achievement of excellence in the products and services we offer to our clients. Our organization has been globally recognized for its success in adding value to our customers and partner's businesses.

Through our investment in people, technology and infrastructure, Rolta has aggressively met emerging opportunities and enjoyed sustained financial growth. Rolta integrates its diverse knowledge and strategic alliances into innovative solutions that empower customers to address business challenges decisively and successfully.

