



LOUISVILLE GAS & ELECTRIC

Serving more than 840,000 customers, Louisville Gas & Electric (LGE) provides gas and electric service to Louisville, Kentucky and surrounding areas—and, through Kentucky Utilities (KU), electric service to other areas in the State.

Before the merger of LGE and KU, each company operated its own Smallworld GIS and Rolta has been charged with a number of conversion tasks:

- Migrate both systems to a common Smallworld GIS
- Upgrade LGE's landbase level of accuracy and reposition existing vector facilities to their correct geographic positions
- Edge match the KU electric facilities to those of LGE
- Convert LGE's remaining raster facilities and land items to intelligent objects
- Establish network connectivity in the gas and electric datasets

Rolta's subcontract with SchlumbergerSema involves land, electric and gas data repositioning and enhancement. Existing county or city digital landbase will be used where available. Electric and gas facilities will be repositioned to new landbase. LGE and KU data will be edge matched at their former boundaries. Some landbase and facilities not currently in the GIS format will be captured from raster maps. The resulting GIS will contain one million gas objects, 1.5 million electric objects and 300,000 land objects.

SLB delivers data to Rolta in Smallworld or raster format. Final deliveries are made to SLB in EDIF format, the SLB interchange format for loading into the LGE Smallworld 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.

