



# Project Profile

**In all of its business endeavors throughout the world, Rolta has been guided by a single underlying objective: to provide the highest quality GIS technical and conversion services at the most competitive prices.**

**Rolta prides itself in providing cost-effective services while maintaining the highest level of quality, which is evident in our ISO 9001 certification.**

**With facilities in North America, Europe, India and the Middle East, Rolta covers the globe, and our GIS Conversion Centres are state-of-the-art facilities that feature the latest hardware and software—as well as more than 1000 highly qualified and skilled personnel.**

## Enerco New Zealand

Enerco operates a gas distribution network and supplies natural gas, gas systems and gas appliances to approximately 88,000 industrial, commercial, retail and residential customers throughout the North Island of New Zealand.

Rolta converted gas distribution network data from manually drawn maps to the Enerco Network Information Management System (EnimS). EnimS is an Intergraph FRAMME-based GIS that contains a computerized model of Enerco's gas distribution network. The project involved the conversion of approximately 325,000 gas distribution facility features. Enerco supplied the digital landbase in Bentley MicroStation format.

Enerco prepared or "scrubbed" the source documents in house by red lining updates and corrections. A courier then sent the scrubbed source documents from New Zealand to Rolta's Conversion Centre. Rolta developed an efficient conversion process consisting of manual and automated tasks to bulk load the data to the EnimS model as accurately as possible. Numerous software tools developed by Rolta were used in this process.

The converted data was delivered in FRAMME WORKSET format by FTP to Enerco in Auckland. Enerco loaded the worksets into FRAMME to perform their acceptance tests. The conversion phase of the project started in January 1997 with a pilot project; full production began in June 1997. The project was completed on time in May 1998.



**ROLTA**

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