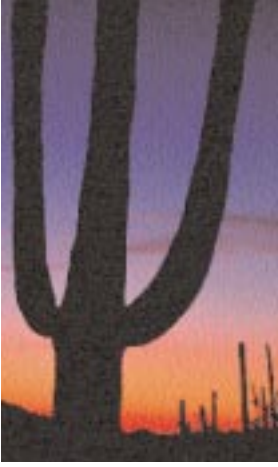


# Project Profile



**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.**

## US West Communications

US West Communications (now Quest) provides telecommunications and high-speed data services to more than 25 million customers in 14 Western and Midwestern states.

The contract involved posting work orders to US West outside plant records, and the conversion of outside plant facility data to their proprietary OSP-FM application software operating in the Autodesk VISION\* platform.

The first phase of the project involved the posting/updating of US West outside plant records from work orders in TIFF format, using heads-up digitizing procedures. This work order posting contract involved over 100,000 source documents at various scales. Work order changes were initially captured in MicroStation levels referenced to the outside plant maps. The updated levels were then merged with the raster maps and delivered to USW for acceptance.

The second phase of the project involved the data conversion of US West outside plant records to OSP-FM GIS environment. Rolta captured data using the standard MicroStation and Oracle based conversion tools and then translated into GINA, the VISION interchange format, for delivery to USW.

US West uses a set of sophisticated software tools to manage graphics and attribute information pertaining to its outside plant records. Rolta captured data from manual records and delivered digital database files to enable US West to further improve the planning and control of their outside plant assets.

The project began in 1997 and was completed in 1999.



**ROLTA**

[www.rolta.com](http://www.rolta.com)

5865 Northpoint Parkway, Alpharetta, GA 30022  
678.942.5000; 1 888.997.6582  
E-mail [info@rolta.com](mailto:info@rolta.com)