



Entire asset lifecycle management including spatial data creation

Industry: Utilities

A large electricity distribution company wanted to overhaul its two decades old legacy systems. Major areas of concerns included diverse technology & data management built over years. These legacy point solutions for enterprise asset repositories, maintenance work management, graphical tool systems, etc. did not adequately support the asset management functions across the entire lifecycle of the asset base.

Business Challenges

- Major areas of concerns included diverse technology & data management built over years
- Replace disparate asset & work register inspection systems
- Analyzing cross geography ad-hoc sources
- Spatial data conversion & linking of over 12 million linear assets
- Mobile enablement for the workforce

Rolta Solution

Post a rigorous situational evaluation, Rolta proposed the implementation of the Rolta OneView™ Utilities suite with a unified data model for linear assets. The key elements of Rolta OneView™ solution which were marked for deployment were the spatially enabled KPIs and dashboards for analytics and management reporting. The project involved the geo-referencing of all asset records. The team successfully implemented an end-to-end asset management system which was inclusive of the spatial system. The system provided an easy user access through a GIS web interface for asset tracking. An important feature was the availability of data on mobile handheld devices in online and disconnected mode.

Business benefits and Impact

- Reduce operational complexity by rationalizing technologies
- Improved core asset tracking and maintenance work management
- Improved process efficiency and performance analysis capability
- Maximize agility by delivering mobility services
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About Rolta

At Rolta, we envision a better future, and then design technology to create that future. Our innovative IT solutions span various verticals, including Utilities, Transportation, Process, Power, Banking and Insurance. Through our cutting edge software for mapping and earth sciences, we also provide a complete array of solutions for Defense and Homeland Security, including C4ISTAR information systems, Military Communications, Digital Soldier and Vehicle Systems. Our team diligently works to exceed our customers' expectations, and has successfully executed strategic projects in over 40 countries.