



GIS based Asset Management and Analytics

Industry: Utilities

Location: UK

Business Challenges

A large electricity distribution company in UK wanted to overhaul its two decades old legacy systems with a view to modernize and solve the following challenges

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

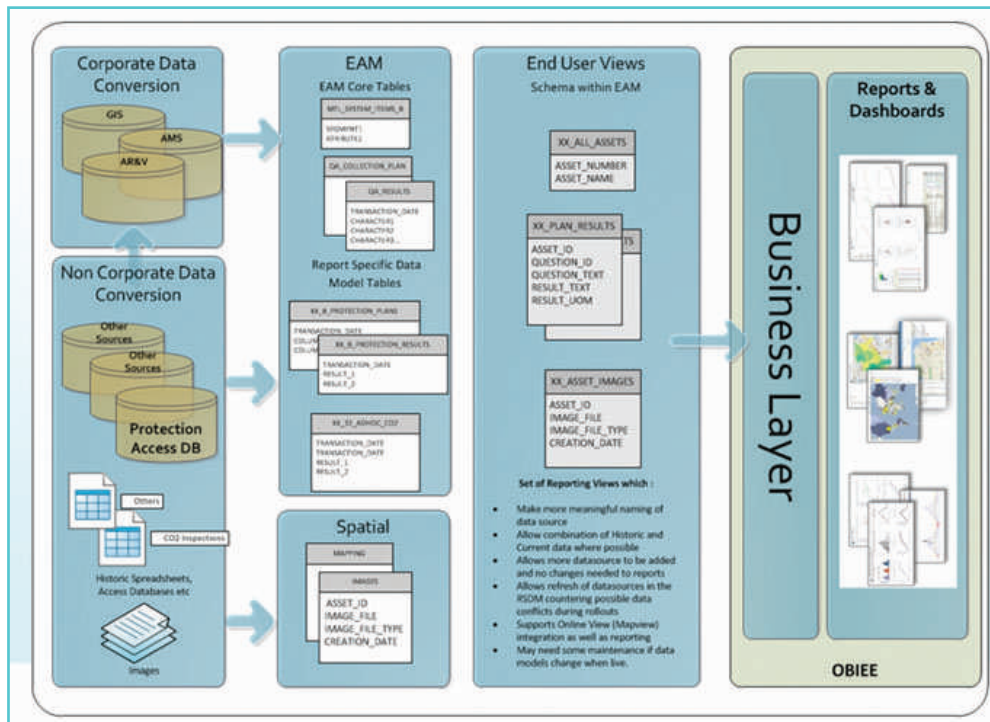
The Solution

Rolta could demonstrate its track record through its vast experience in utilities, geospatial expertise for managing geographically distributed assets and deep analytics capabilities. Rolta delivered a Rolta OneView™ based unified data model for linear assets, spatially enabled KPIs and dashboards for analytics and management reporting including delivery through mobile handheld devices in online and disconnected mode. Additionally Rolta was also tasked with geo-referencing of all asset records together with end-to-end spatially enable asset management implementation.

The Benefits

Some of the benefits enjoyed by the customer include:

- Reduced operational complexity by rationalizing technologies.
- Improved core asset tracking and maintenance work management.
- Improved Process Efficiency and Performance Analysis capability.
- Maximize agility by delivering data to its field crew through mobility.



About Rolta

Rolta is a leading provider of innovative IT solutions for many vertical segments, including Utilities, Oil & Gas, Manufacturing, Federal and State Governments, Defense, Homeland Security, Financial Services, Retail, and Healthcare. By uniquely combining its expertise in the IT, Engineering and Geospatial domains, Rolta develops exceptional solutions for these segments. The Company leverages its industry-specific know-how, rich repository of field-proven intellectual property that spans photogrammetry, image processing, geospatial applications, Business Intelligence, Big Data analytics and Cloud computing for providing sophisticated enterprise-level integrated solutions. Rolta OneView™ Enterprise Suite is one such innovative BI solution with field-proven benefits and unique IT-OT integration incorporating Rolta's patented technology for asset intensive industries. Rolta is a multinational organization headquartered in India with revenues exceeding US\$ 600M and over 3500 people operating from 40 locations worldwide and has successfully executed projects in over 45 countries.