



Comprehensive analytics for water distribution management

Industry: Utilities

A large water distribution utility company wanted to streamline its regulatory reporting, and operational performance.

Business Challenges

- Maintaining continuity in water supply, Improving quality of potable water, efficient regulatory and compliance reporting
- Data collation and integration across multiple systems was tedious
- Stringent quality controls and checks were required for analytics on reporting leakages, waste water, repairs, outstanding work orders, network maintenance etc.
- Analytics and reports for the operations of water, waste water were required in areas like customer satisfaction, maintenance.

Rolta Solution

Rolta proposed a unique combination of time-phased approach covering IP-based solution led services. This encompassed inclusion of rich functionality such as real time network tracking, outage analytics, asset condition monitoring & management, source management, reliability and work order backlogs measurement. The solution successfully integrated data across multiple systems such as SCADA, SAP PM, EAM etc. The addition of location intelligence feature to the existing solution increased its capabilities manifold.

Business benefits and Impact

- Improved asset availability and utilization
- Lowered outages and improved satisfaction
- Better planning of CAPEX and OPEX budgets
- Improved demand tracking and forecasting
- Environmental compliance
- Efficient regulatory reporting

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.