Operational Intelligence for Power Transmission

Industry: Utilities
Location: USA

Business Challenges

A power transmission company in USA had embarked on a program for operational intelligence to enhance the way it monitors and responds to operational functions that impact their key performance indicators. Some of the challenges they faced included:

- Lack of access and visibility into key financial performance data, safety and incident reporting, maintenance and reliability data for cross functional analytics

- Numerous operational systems lacking integration making cross-subject area analysis difficult

- Heavy reliance on manual data collection and analysis processes

The Solution

Rolta could demonstrate its track record of delivering such solutions for enterprise-level integration and analytics. In order to address these challenges Rolta implemented the solution based on Rolta OneView™ framework covering - safety, financial insights, reliability, maintenance &infrastructure, encroachment management, and customer impact of outages. This enabled aggregation, correlation and contextualizing of key operation data, achieved through the pre-configured data model and connectors to source systems.

The Benefits

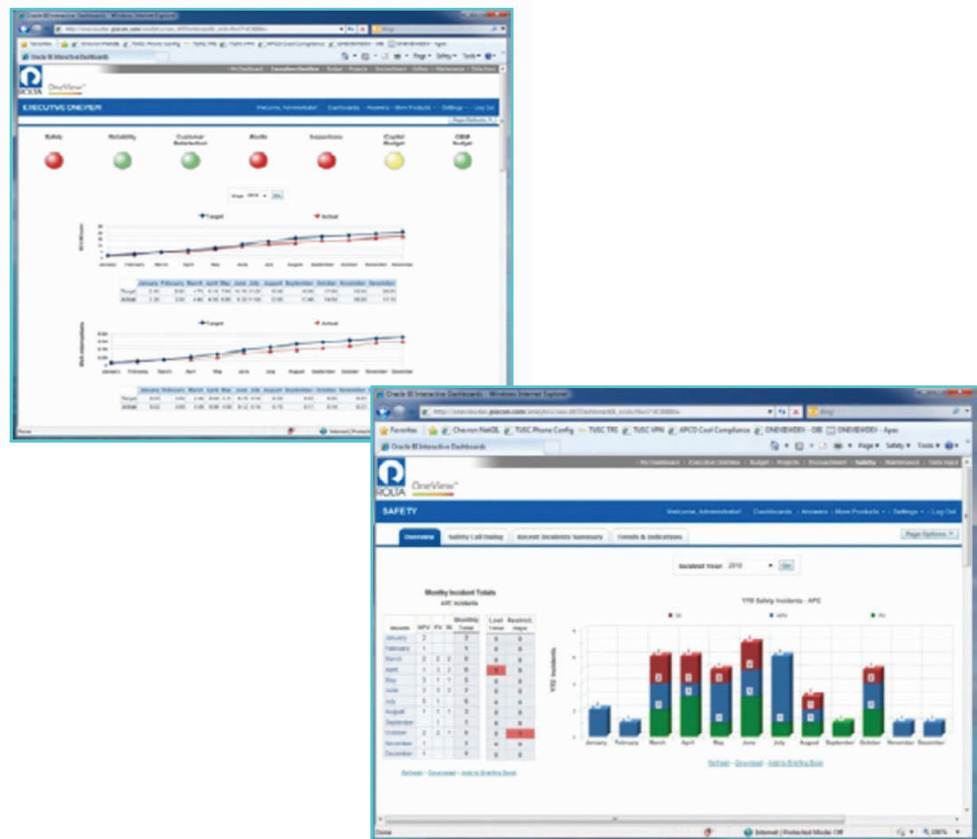Implementation of the solution resulted in several benefits:

- Improved quality and accuracy of data

- Enhanced timeliness and visibility of operational data for reporting & analysis

- Facilitated investments and created a positive impact on revenue

- Financials visibility provided actionable insight into budget adherence, project efficiency, up-to-the-month Budget vs. Actuals etc.

- Maintenance and reliability metrics provides work-plan efficiency information, workforce planning insight and inspection identification

details and resolution rates.

- Cost reduction in maintenance and labor
- Enhanced safety incident visibility for better compliance with regulatory guidelines

Here is what they had to say: "We knew we had opportunities in our capital construction projects, safety and other areas, but did not necessarily know what they all were. As the data began to flow, we began to see some things. It was a bit like flying an airplane. We'd direct the Rolta team to look over here and look over there, and soon we began to see some real opportunities for improvement."