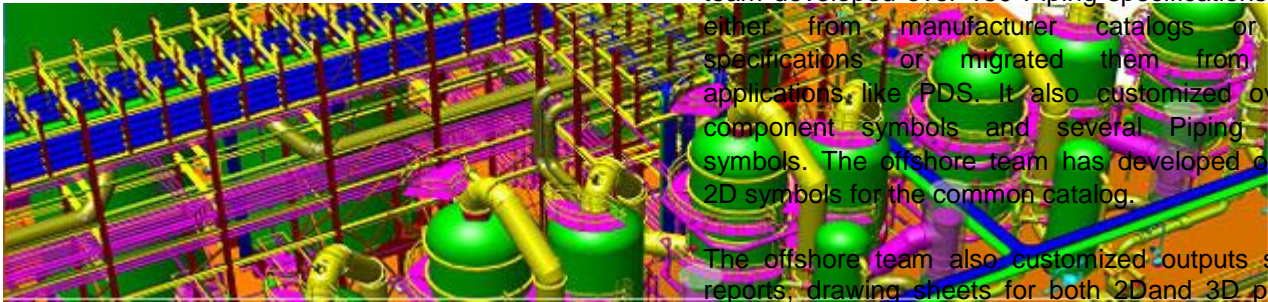


Case Study

SmartPlant Enterprise Implementation for a Global Engineering Company

The Engineering division of a global Fortune 50 corporation decided to implement SmartPlant Enterprise across several business units and locations around the world.

Rolta was selected to deploy SmartPlant globally for its experience in SmartPlant Implementation and its Engineering skills.



SmartPlant implementation objectives

- Standardization of tools and process across all divisions.
- Common solution across multiple divisions
- Improve design and process quality
- Cycle time reduction driven by automated design features leading to increased productivity.
- Significant reduction of errors due to miscommunication-revision decrease
- Legacy data migration from PDS to SmartPlant
- Compatibility with industry-customers-suppliers

ROLTA implemented the Smart Plant enterprise suite across numerous sites using a combination of onsite and offshore consultants.

Major objective of this deployment is to achieve common solutions across all business units, generate standard deliverables for customers from all businesses and reuse drawings and data across businesses. Rolta developed a single reference data in SPP&ID & SP3D across all businesses.

Onsite team

The onsite team conducted a requirement analysis of various business units and developed a strategy for a Phased rollout SmartPlant Enterprise. During the implementation phase, the Onsite team managed the global deployment at all sites. The onsite team also provided technical guidance, administrative support, customization and programming support for deployments at all business units.

Onsite team was responsible for maintaining 3 environments (Production, QA, and Development) during the implementation and production phase. The

onsite team also provided customized user training and user support to their SmartPlant users worldwide.

Onsite team members were also responsible for maintaining a record of deployment issues and working with Intergraph to resolve.

Off-shore team

Rolta's offshore team was responsible for executing all the customization required for SmartPlant deployment.

Common Reference Data Development: The offshore team developed over 150 Piping specifications directly either from manufacturer catalogs or paper specifications or migrated them from legacy applications, like PDS. It also customized over 100 component symbols and several Piping Support symbols. The offshore team has developed over 100 2D symbols for the common catalog.

The offshore team also customized outputs such as reports, drawing sheets for both 2D and 3D products. The offshore engineering team executed projects relating to SPPID, SPI, SPEL and SPF for several business units collaborating with the Rolta's onsite engineers and the customer's engineering team.

Tools implemented

SPPID, SPI, SPEL, SP3D, SPF, SPReview, SPRD

Rolta deployed a global workshare environment using technologies like Citrix for graphically less intense 2D applications and connected Workshare for SPP&ID and SP3D to enable users and contractors from sites located worldwide to work collaboratively.

The customer was able to leverage a large offshore talent pool to deploy SmartPlant Enterprise on an aggressive schedule.

About Rolta

Rolta International, Inc. is the U.S. subsidiary of Rolta India Limited, a multinational engineering consulting organization that has executed projects in over 35 countries over 25 successful years. With more than 4,000 professionals around the globe, Rolta is a leading provider of engineering design services and developer of information technology-based, software development, advanced security and network management, and enterprise resource planning (ERP) consulting and deployment services worldwide. With an unrelenting focus on client perspectives for success resolution, Rolta offers a complete range of advanced engineering design services for cost-effective and state-of-the-art solutions tailored to suit the specific needs of manufacturing and engineering customers.