



Yansab EDDMS Project Services

Location: Saudi Arabia

Summary

Yanbu National Petrochemical Company (YANSAB) is a Saudi Joint Stock Company registered in the Kingdom of Saudi Arabia. The objectives of YANSAB are to engage in manufacturing of petrochemical products (such as ethylene, ethylene glycol, high density polyethylene, low linear density polyethylene, polypropylene, butene 1, butene 2, MTBE and BTX). YANSAB decided to use the SmartPlant suite of products along with SmartPlant Foundation for engineering data and document management. Rolta was asked to configure and implement Smartplant Foundation as an EDDMS.

Details of Rolta's solution

- Auditing of SmartPlant tools data created by various EPCS for making them compliant with YANSAB standards, suitable for integration with the SPF system
- Analyzing Yansab EDMMS requirements
- Providing consultancy services for the implementation
- Providing guidelines in hardware and software selection based on the number of users and overall project scope
- Configuration of SPF as per Yansab EDDMS requirements
- Mapping in SPF for exchange of technical information between different SmartPlant tools
- Developing the QCS utility for quality check and bulk load of non-TEF drawings and documents to the EDDMS system.
- Analyzing and configuring of workflows as per YANSAB requirements.
- Publishing all TEF and non-TEF data and documents into YANSAB EDDMS
- Providing user level training to YANSAB EDDMS users

Rolta Audited SmartPlant tool data to make it suitable for use in an integrated environment. The team also configured the SPF system as per YANSAB EDDMS requirements, and successfully completed the Factory Acceptance Test (FAT), publishing all TEF and non-TEF drawings and documents to the Foundation system. In addition, Rolta delivered audit reports for all engineering tools, as well as the documentation required for hardware and software configuration. All of YANSAB's engineering tools were integrated with SPF, and all tools data was published into the SmartPlant Foundation successfully.

Impact

- Increasing plant production and maximizing revenue and profits by managing all data in a single environment
- Streamlining procurement, helping to ensure accurate material quantities, protecting the project schedule, and eliminating costs
- Enabling access to the right documentation at the right time
- Bridging the gap between engineering and maintenance operations

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.