GE-Aero Workflow (SOW-70)

Summary

GE Infrastructure (GE) deploys and supports Intergraph's SmartPlant suite of applications to promote businesses across the organization. As part of the SmartPlant Foundation deployment of GE-Aero Energy, GE planned to implement the SmartPlant Workflow, and was looking for a technically competent vendor to create complex SmartPlant Workflow processes. The goal of the project was to deploy workflows using SPF to support the existing requisition process of GE-Aero Energy.

Details of Rolta's solution

Rolta configured the following Workflows in SPF:

- Plant Setup
- P & ID Workflow Creation including CGER loop.
- SPI/SPEL Creation including CGER loop.

To design, develop and test these workflows, Rolta used the same configuration of SPF and other engineering tools as provided by SPF "dump" files from GE-Aero.

Rolta's scope of work included:

- Requirement analysis based on details provided by GE.
- Preparation of FRS documents and final Workflow Flow Charts.
- Configuration of Workflows by using SPF out-of-box functionalities.
- Demonstration of configured workflows for the review and acceptance before final delivery.
- Creation of load files for on-site deployment.
- Preparation of instruction guide for deployment of load files.
- Preparation of user manuals.

Rolta was responsible for the analysis of requirements as well as the design, developing, testing, and implementation of the system as per GE Infrastructure requirements. The team ensured that all resources were compliant with security, legal and compliance regulations of the organization, and that all processes, standards, products and technical requirements met the satisfaction of GE Infrastructure. In addition, Rolta also certified deliverables for each PMM phase.

Impact

With Rolta's help, GE could initiate a work process for the requisition and the approval/change for a PID or SPI/SPEL document. Any new document published in SPF was made to initiate a workflow, which followed the process of correlation and then the change or approval cycle.

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.