

**Customer Profile**

Intergraph is the world leader in delivering software and services for the management and visual representation of complex information. Intergraph's Process, Power & Marine (IPPM) division creates solutions that enable the design, construction, and operation of process and power plants, offshore rigs, and ships, and provides the information management capabilities to build and operate those facilities.

**Contact Details**

Contact Name/Tel./ Email will be available on request.

**Project Statement**

Rolta executed certification testing for SmartPlant 3D for version 7.0 scheduled to be released at last quarter of 2006 by IPPM. The objective of certification testing is to identify bugs in the software before it is released to market. The testing process ensures that the client receives good quality software with minimal bugs.

**Project**

The project was to check SmartPlant 3D modules as per IPPM prescribed test plans at Rolta. Two engineers were deputed for 7 weeks at Intergraph in Huntsville to understand the certification process. After the deputation, the Rolta created a team and setup for testing. The certification setup was done using Server and Client Installation and project setup as per IPPM requirements. Rolta was assigned testing on MS SQL 2005 database platform, Windows 2003 server and Windows XP clients.

The **scope of work** for the project consist of the following :

1. Acceptance Tests (AT's) for all SmartPlant 3D tasks.
2. Focused Regression Tests (FRT's) for Setup, Interference Checking (IFC), Common Apps, Project Management, Catalog and Reference data, Equipment & Furnishing, and Route Pipe tasks
3. Special Tests for:
  - 2D Tools
  - Designed Equipment
  - Excel Datasheet Migration
  - IFC Validity

- Sync Model with Catalog MS SQL 2005

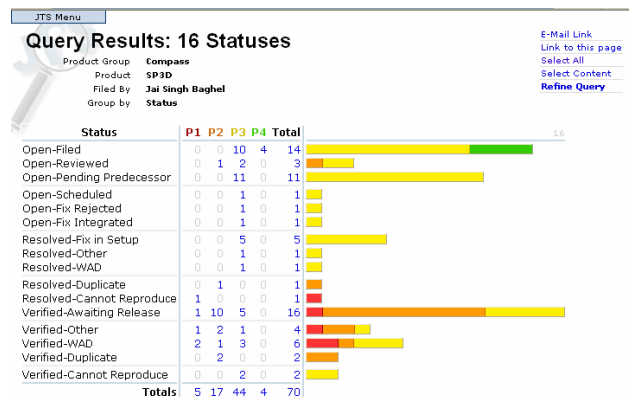
Rolta completed acceptance tests and focussed regression tests for three builds of SmartPlant 3D V7 along with Special Tests.

**Benefits to Client**

SmartPlant 3D being new software is expected to have lot of bugs which needs to be identified by testing it in different environments.

**Deliverables**

The Deliverables for the project included completing the test plan documentation with testing results and file trouble reports (TRs) through Intergraph's problems logging web-based system. The TRs are categorized into a different priority depending on their effect on end user productivity. The Intergraph development team looks into the TRs, reassigns priority and update statuses on a regular basis and finally removes the bugs.



Rolta logged 70 TRs under various SmartPlant 3D software components.

