

**Customer Profile**

Intergraph’s Process, Power & Marine (PP&M) 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 Person: Chris Barksdale  
 Tel: +1-256-730-3844  
 e-Mail: chris.barksdale@intergraph.com

**Project Statement**

SmartPlant 3D version 6.0 had a basic drawing template without any engineering content. Intergraph needed to add the basic content in accordance to generic engineering guidelines. These revised engineered templates were to be released with version 6.1.

**Rolta Solution**

Rolta’s team provided a combination of SP3D capability with engineering domain experience to add the required content to SP3D templates.

**Solution Architecture**

The project involved creation/modification of View Styles, using graphic, dimension and label filters and rules to create engineering production-worthy drawing templates that would be delivered with the SP3D software.

**The Project**

The project involved the creation of the following drawing templates:

1. Plan
2. Elevation
3. Section
4. Isometric and
5. Key-Plan

For:

1. Equipment
2. Piping
3. Instrumentation
4. Electrical raceway
5. HVAC
6. Civil and
7. Structural

These would be generated in Imperial and Metric format and for Existing/Proposed/ Future plant objects.

**Benefits to the Customer**

EPC customers get a pre-defined template in accordance with their company’s Engineering Drawing Guidelines. SP3D drawing allows the users to create drawings in a batch without the usual pains of Annotation and Labeling.

