Integrating into your workflow

- SP3D is designed to integrate into your workflow
- Support for SP3D usage in mixed environment
- Migration of Reference Data from PDS
- Migration of Model data from PDS
- Migration of Model data from other 3D systems

Support for Mixed Environment

- **Reference PDS graphics and data**
  - Connection to live PDS databases
  - Ability to clash check against PDS objects
  - Ability to generate drawings using PDS objects
  - Ability to export to SmartPlant Review
- **Reference MicroStation / AutoCAD files**
- **Import SAT files**

Example Workflows

- Limited use of SP3D on bigger PDS project
- Complex Equipments Designed using Mechanical Design packages such as SolidEdge, SolidWorks etc.
- Sub-contractors using different 3D modeling systems

Stress Analysis

- SmartPlant 3D generates a PCF file to send piping model information to Pipe Stress Analysis program such as CAESAR II

- SmartPlant 3D uses CIS/2 (CIMSteel) format file to export and import data to and from structural analysis and detailing softwares.

- For example Tekla Structures, STAAD III etc.