



CAxperts

Software Products

3D PDF Engine

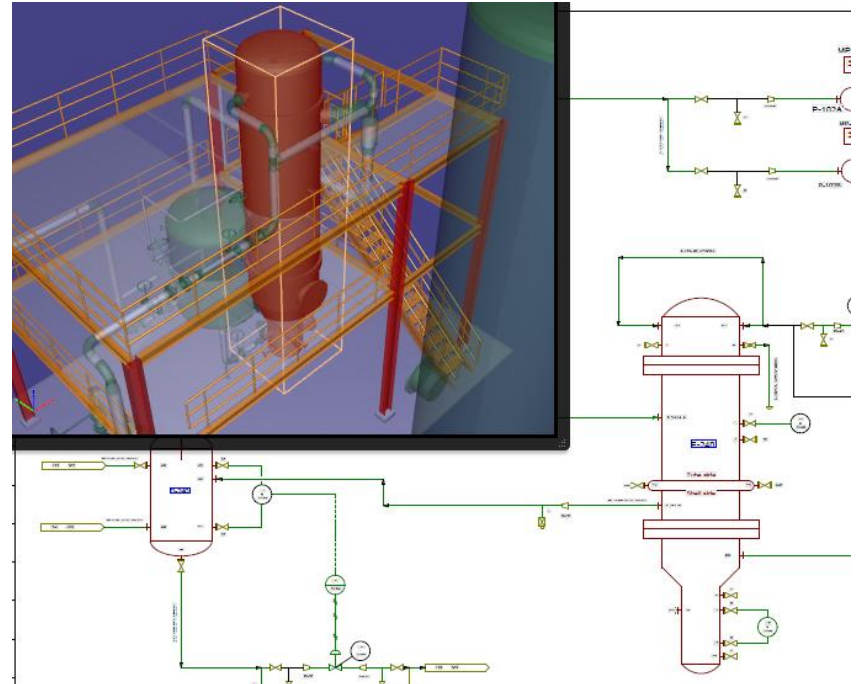
- Easily create Adobe 3D-PDF's in Batch mode
- Works with SmartPlant® Review Sessions from various sources: SmartPlant® 3D, PDS®, ...
- Includes all Metadata from 3D-Model and Tree-View

Benefit:

- Anyone can view the model without training or special software
- Only Adobe® Acrobat Reader 9 required for viewing
- The Model can be sent via eMail
- All graphics and data in a single file

Plant Document Designer (for End 2010)

- Interactive Documents in a simple PDF file
 - 3D
 - P&ID
 - Iso
 - Drawing
 - Reports (Line List, MTO ...)
 - ...
- Content is linked
- Everybody can use this without installation, training ...
- Small → send per eMail
- Lot of more coming in future



Universal Reporter Suite

- Designed as end-user tool to check, report and **edit data**
- **Single Application Reporter**
 - complex reports without training
 - easy data editing for several applications using one method
- **Universal Reporter**
 - create reports across multiple applications (e.g. produce a line list with associated data from P&ID, 3D and Material in one report)
 - check, validate and combine data between applications
- **Adapters**

enable the reporter to handle data of the respective application

 - SmartPlant[®] (edit) P&ID adapter
 - SmartPlant[®] 3D (edit) adapter
 - PDS[®] 3D (edit) adapter
 - SmartPlant[®] Materials adapter

Plant ReModeler

- Import in SmartPlant® 3D
- **Minimum** Configuration / Setup
- Input
 - Intergraph PDS® RIS-Dump files
 - ...
- Piping
 - Only Routing of segment with segment data
 - Intelligent Space holder for valves, supports ...
- Equipment (future version)
 - Engineered Equipment
 - Based on Primitives
- Benefit
 - Import main routing immediate
 - No setup (catalogue, mapping ...)
 - Designer can do it by them self

Spec Tester

- Test SmartPlant® 3D Specs completely
- Places every component and connection automatically
- Report wrong elements
- Benefit:
 - Saves dramatically testing time
 - Increase quality
 - Especial for imported specs
 - Helps for setup interface from SmartPlant® Reference Data



BulkLoadSheet Generator

- Generate BulkLoadSheet out of SmartPlant® 3D
- One XLS File per spec
- Benefit
 - Prevent differences between Catalogue and Bulkload sheets
 - Pass on catalogue part, e.g. sub contractor

The screenshot shows an Excel spreadsheet titled 'Bulkload.xls [Compatibility Mode] - Microsoft Excel'. A dropdown menu is open on the left, listing various filters and options. The spreadsheet data is as follows:

ShortCode	OptionCode	FirstSizeFrom	FirstSizeTo	FirstSizeUnits	SecondSizeFrom	SecondSizeTo	SecondSizeUnits	MultisizeOption	Comments	SelectionBasis	FluidCode	JacketedPipingBasis	MaximumTemperature	MinimumTemperature	EngineeringTag	CommodityCode	FabricationCategoryOverride
		1 0.75	1.5	in						1						PAAZZBPZZABAABSAAZZUS	
		1 2	24	in						1						PAAZZBOZZABAABOAAZZUS	
		1 26	36	in						1						PAAZZBOZZABAABHAUZZUS	