ENGINEERED EFFICIENCY
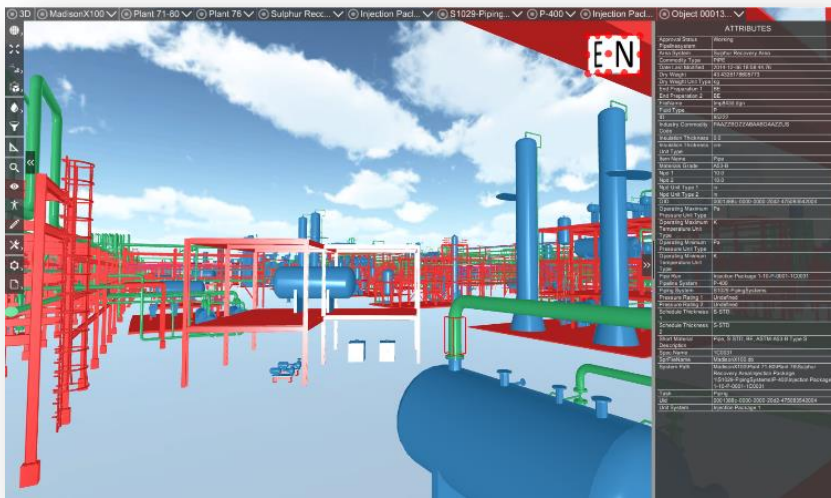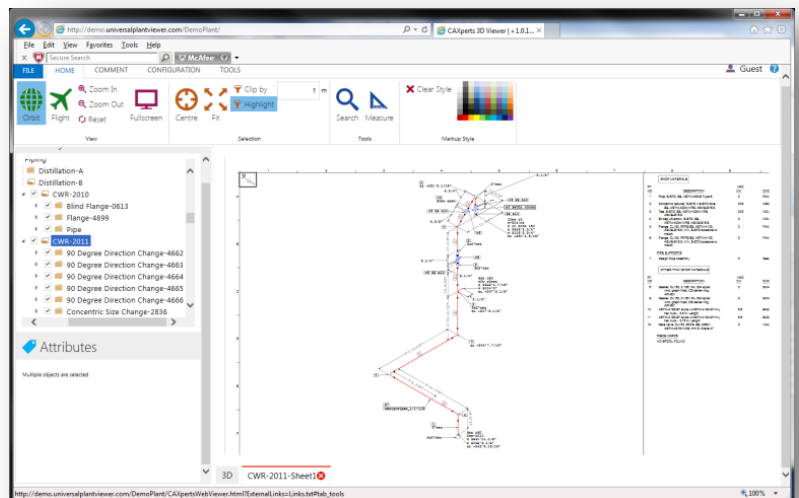
CAXperts Featured Solutions

Universal Plant Viewer – publish and view process plant models

Universal Plant Viewer is an exceptionally easy to use viewer that provides free access to 3D models, drawings and documents for review / commenting to any project stakeholder without the need for specialist software. **Universal Plant Viewer** is currently available for Intergraph / AVEVA platforms; other platforms will be added in the future.

Universal Plant Viewer is capable of viewing an entire plant such as a complete oil refinery (or even larger) via the internet. Data, drawings and documentation are packaged together using **Universal Plant Viewer** into either a web based format or a PDF document for use with Adobe Acrobat Reader. This removes the need to buy or install specialist software – most PCs already have a suitable web browser or Acrobat Reader already installed.

Contact & information:
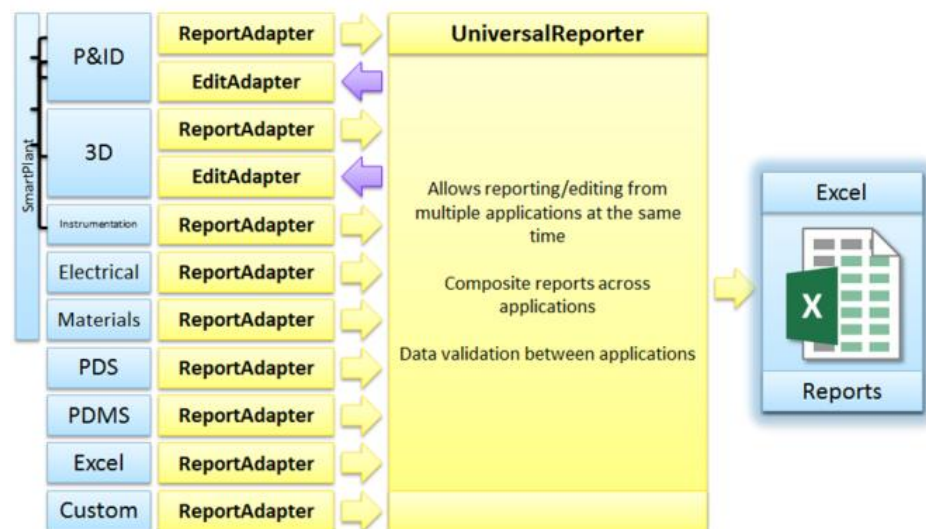
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caXperts

Engineered Efficiency

UniversalReporterSuite – generate complex reports easily

UniversalReporter provides a complete solution for reporting and supports a number of different engineering systems. It is simple to use and allows the rapid generation of complex report templates using Microsoft Excel without the need for programming skills or deep system knowledge of the native applications. **UniversalReporter** allows users to generate reports across a number of applications simultaneously for the purpose of data validation or the generation of a composite report.

ReportAdapters – simplifying data accessibility

By necessity, today's engineering information and design systems are very complex. This complexity enables complex behaviours and relationships to be handled in an effective manner within the application they are intended for. However, the very complex nature of these data structures can be an impediment to accessing, presenting and using the data outside of the application.

EditAdapters – simplifying editing of SmartPlant data
CAXperts **EditAdapters** extend the capability of the **ReportAdapters** for some applications to allow data to be edited in a spreadsheet style interface and then written back to the application. All of the capability of the **ReportAdapter** is available within the **EditAdapter**.

QualityAssuranceModule – assuring the quality of your data
The **QualityAssuranceModule** is a plug in solution to CAXperts software that enables you to audit data coming from one or more applications according to company specific rules. This supplements the cross application checks and tracking of changes that can be performed using **UniversalReporter**. The module can be used interactively but it can also be configured to batch export the results so that no manual interaction is required.
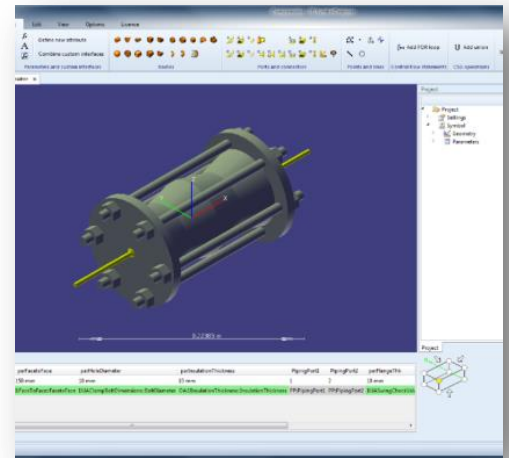
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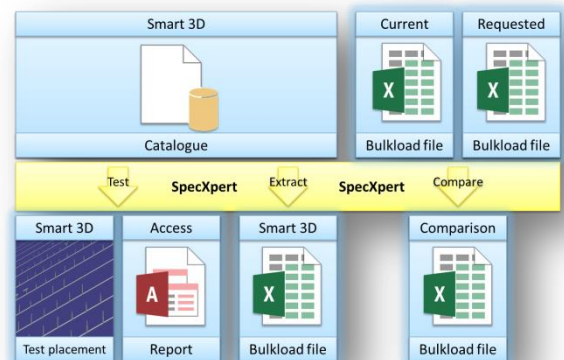
CAXperts
Engineered Efficiency

3D SymbolDesigner – parametric symbol creation

3D SymbolDesigner simplifies and reduces the man hours needed to create parametric symbols for Smart™ 3D by up to 80 %. This is achieved by providing an easy to use, graphical user interface for the creation and documentation of parametric symbols.
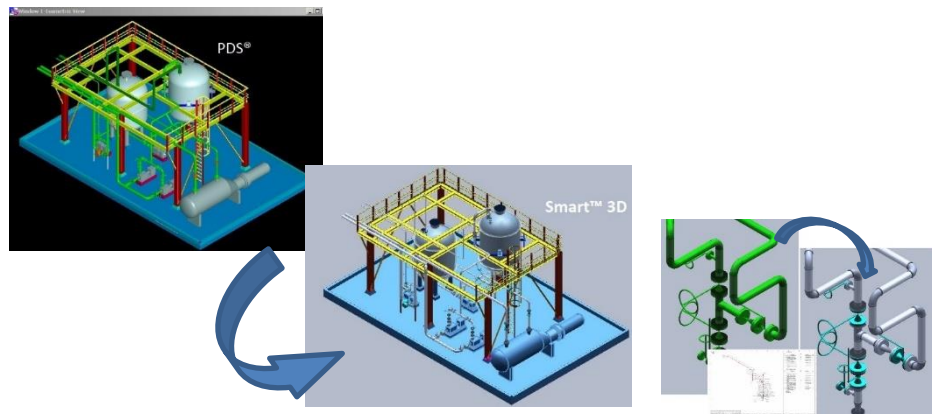

SpecXpert – quality assurance and bulkload sheet management for Smart 3D piping specs

Piping specifications are at the heart of all 3D plant design systems. **SpecXpert** provides a solution that enables quality assurance checks for piping specs and effective management of bulkload sheets for Intergraph Smart™ 3D. Functions included are the verification that piping spec components can be placed within the 3D model and the ability to regenerate bulkload sheets based on the Smart 3D catalogue contents.

PlantReModeller – import legacy models into Smart™ 3D

PlantReModeller speeds up the process of remodelling data from systems such as PDS to make an intelligent model available within Smart™ 3D. Any changes to the design that are needed to be made during the remodelling exercise are firmly left in the control of the SmartPlant Designer.

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