

SmartPlant® Review Publisher



SmartPlant® Review Publisher supports the conversion of common plant formats for viewing in SmartPlant Review. It also adds versatility to SmartPlant Review by enabling you to compress and distribute project files to a network server or a user's machine for viewing. Because SmartPlant Review Publisher is server-based, you only need one copy to schedule the conversion and distribution of your projects.

Of course, SmartPlant Review can view PDS®, SmartPlant 3D, and SmartMarine® 3D projects without SmartPlant Review Publisher. However, with SmartPlant Review Publisher, users can create viewable files of common plant formats for viewing separately or as composite in SmartPlant Review. Merge a PDS and SmartPlant 3D project into the same viewing session. Even add mechanical models from Solid Edge, SolidWorks, Inventor, or Pro/E models for greater fidelity. Add civil site models from MicroStation and AutoCAD formats at the correct scale and location. Convert and merge AVEVA PDMS projects, graphics, and attributes. SmartPlant Review Publisher converts all of these models for a complete design review with fast loading and display performance. See what you want to see, how you want to see it.

Selectively load or unload any published version of a project in a single design review. You can review any area of a project without exiting SmartPlant Review. This also lets users visually compare two or more versions of the same PDS project to see any changes over time. Just give each new publish a unique color or transparency to compare their differences. This capability adds a whole new dimension to project design reviews.

Once the project has been published and loaded into SmartPlant Review, touch any object in the view to see its native attributes created and published by the authoring tool. Touching an object designed in PDS shows all of the PDS data. Touching an object designed in SmartPlant 3D shows all of the SmartPlant 3D data. Touching an object designed in PDMS shows all of the PDMS data, even when the projects are reviewed side-by-side in the same SmartPlant Review view. Combining the graphics while supporting separate SmartPlant Review databases for each publish ensures better data fidelity (completeness, accuracy, and integrity) while providing the outstanding performance that plant design users require. No other visualization product provides such a complete solution.

FEATURES

- Offers easy setup and project administration
- Provides all project personnel with the most current project information
- Performs fast conversions of common formats
- Fits easily in existing workflows
- Defines the attributes to be displayed in SmartPlant Review
- Offers composite viewing of formats
- Converts a variety of common formats, including:
 - SmartPlant 3D
 - SmartMarine 3D
 - PDS
 - SmartPlant Isometrics, ISOGEN®, Spoolgen® piping data (IDF/PCF files)
 - MicroStation version 7
 - MicroStation version 8 and SmartSolids
 - AutoCAD version 2008 and earlier
 - Mechanical .SAT file (Solid Edge, SolidWorks, Inventor, Pro/E)
 - AVEVA PDMS (RVM and ATT files)

Ensure that all team members have the latest, most up-to-date project information. The software compresses project files and schedules their economical distribution for easy viewing over the network and the Web. Even extremely large plant models can be loaded quickly for design reviews.

SmartPlant Review Publisher's "zip and ship" capability reduces network traffic by minimizing volume. Data is compressed (zipped), automatically distributed to network locations anywhere in the world, and then expanded (unzipped), saving network time and resources.

The solution helps you ensure:

- Correct scale
- Correct translation
- Correct rotation
- Correct units

ABOUT INTERGRAPH

Intergraph is the leading global provider of engineering and geospatial software that enables customers to visualize complex data. Businesses and governments in more than 60 countries rely on Intergraph's industry-specific software to organize vast amounts of data into understandable visual representations and actionable intelligence. Intergraph's software and services empower customers to build and operate more efficient plants and ships, create intelligent maps, and protect critical infrastructure and millions of people around the world.

Intergraph operates through two divisions: Process, Power & Marine (PP&M) and Security, Government & Infrastructure (SG&I). Intergraph

PP&M provides enterprise engineering software for the design, construction, and operation of plants, ships, and offshore facilities. Intergraph SG&I provides geospatially powered solutions to the defense and intelligence, public safety and security, government, transportation, photogrammetry, utilities, and communications industries.

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