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What's new in Solid Edge P&ID Design

Access pipe specifics at any stage and streamline the workflow process

Benefits
- Delivers faster creation of process and instrumentation diagrams
- Integrates with Solid Edge Piping Design
- Includes an intelligent database and a report generator
- Offers design checks

Features
- Supports industry standards and streamlines workflow process
- Database easily creates pipelines and adds symbols
- Ability to access pipe specifics at any stage
- Easily add/maneuver components within a diagram
- Assign unique tag numbers to fully define components
- Generate lists, reports, BOMs and intelligent PDFs when needed

Summary
The ability to accurately and rapidly create piping and instrumentation diagrams (P&ID) is crucial for meeting company and international quality standards. Solid Edge® software product P&ID Design supports project managers from start to finish with a full toolbox of traceability benefits. Users can easily capture the design intent and logic in a 2D schematic using Solid Edge P&ID Design. With the addition of 3D computer-aided design (CAD) or direct integration with Solid Edge Piping Design, users can take 2D P&IDs and develop them into a comprehensive 3D model of a process plant.

What is included
Solid Edge piping and instrumentation diagram design is a standalone 2D solution. However, Solid Edge P&ID Design can be integrated with Solid Edge Piping Design as well be an add-on to a Solid Edge 2019 message passage interface (MPI) license or newer. The included to-do list function provides the user an online or integrated connection between the P&ID and a 3D assembly. In the to-do list, the available definitions created in the P&ID can be transferred to the Solid Edge assembly and control the automated 3D pipeline creation.

Extending value
Solid Edge is a portfolio of affordable, easy to deploy, maintain and use software tools that advance all aspects of the product development process – mechanical and electrical design, simulation, manufacturing, technical documentation, data management and cloud-based collaboration.

www.solidedge.siemens.com

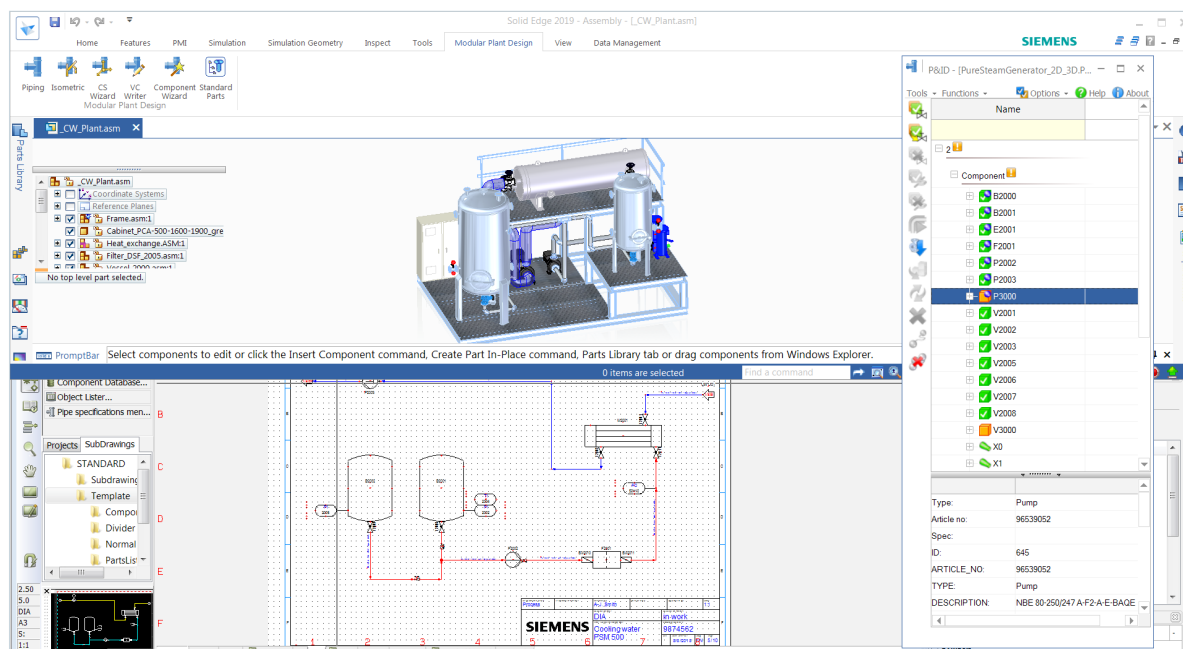# What's new in Solid Edge P&ID Design

Figure 1: Solid Edge P&ID Design integrates well with Solid Edge Piping Design, allowing cross highlighting between modules

Recommended system requirements
- 64-bit Windows 7 or Windows 10 operating system
- Eight gigabytes (GB) random access memory (RAM) or more
- True color (32 bit) or 16 million colors (24 bit)
- Screen resolution: 1,280 by 1,024 or higher, widescreen format

Minimum system configuration
- Any of the above 64-bit operating systems
- Four GB RAM or more
- 65,000 colors
- Screen resolution: 1,280 by 1,024 or higher
- Six GB of disk space is required to install Solid Edge