PRODUCT SHEET

Octave Facets P&IDWorx

(formerly CADWorx P&ID Professional)

Easy creation of intelligent process diagrams



Capabilities

- Quick and intuitive P&ID creation
- Large, user-modifiable symbol library
- Specification-driven P&IDs
- Bi-directional project database
- Component link to project documents
- P&ID/Model synchronization
- Legacy drawing conversion
- P&ID project publishing
- Automatic instrument loop diagram
- Forte 3DWorx internet publisher

Facets P&IDWorx unlocks the power of P&IDs by making diagrams, and the information locked within them, available to all stakeholders.

Intelligent process diagrams

Facets allows for the quick and easy creation of fully intelligent P&IDs and does so without the need to change the current look and feel of existing drawings, symbols or corporate standards.

Specification-driven P&IDs

Facets P&IDWorx optionally allows P&ID components to be placed using piping specifications, thereby improving accuracy and enabling component checks against the plant model.

Industry-standard symbols

Facets P&IDWorx comes with an extensive symbol library. A programming-free interface enables complete access to existing corporate symbols and assemblies, giving them full functionality and intelligence.

Bi-directional project databases

Facets P&IDWorx permits the creation of user-defined project databases with no database knowledge required. Project databases are bi-directionally linked to project drawings, ensuring both database and drawings are continually in sync.

Project document links

Facets P&IDWorx enables the linking of any amount of information or number of documents to P&ID components and stores this information in project databases for further processing.

P&ID project publishing

Forte 3DWorx Internet Publisher allows P&IDs to be effortlessly published so that they can be viewed using Windows Internet Explorer. Published projects also allow each component's database information, and any documents linked to them, to be accessed from within the browser. Published projects can be hosted on the Internet, on an intranet or locally. P&ID and plant model synchronization and intelligent component checking between the Facets P&IDWorx and Forte 3DWorx models ensures full synchronization between P&ID and model components.

Legacy drawing conversation

Facets P&IDWorx includes powerful routines that make it easy to link legacy P&IDs and their components to project databases. This allows these drawings to be used exactly as if they were originally created.

Automatic instrument loop diagrams

Facets P&IDWorx uses user-defined templates for the automatic creation of instrument loop diagrams.

Intelligent datasheet capabilities

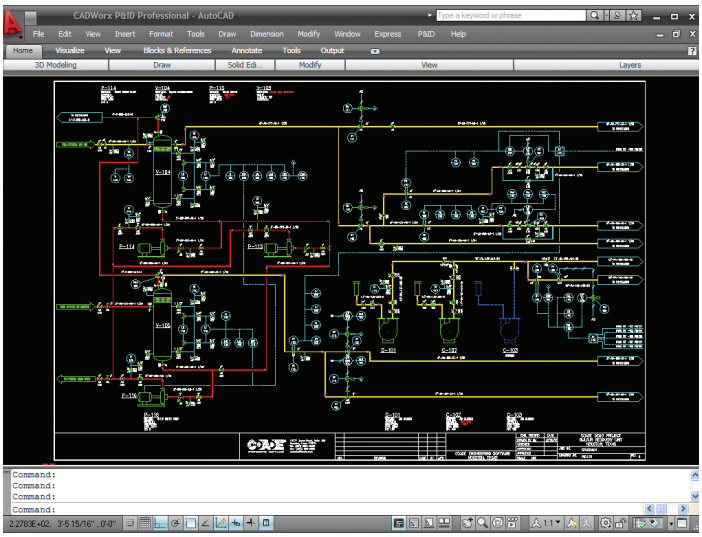
Forte 3DWorx Instrument Datasheet and Forte 3DWorx Equipment Datasheet modules are included. These modules can be used standalone or may leverage information contained in the Facets P&IDWorx project databases.

Technical specifications

- AutoCAD®-compatible
- BricsCAD®-compatible (recommended)

Application areas

Process and Plant Design, Piping, Equipment, Petrochemical, Chemical, Power, Offshore, Food, Beverage, Brewing, Pharmaceutical, Water Treatment, Building Services, Shipbuilding and Architectural.



Facets P&IDWorx is the most powerful and easiest to use tool for piping and instrument diagramming.

About Octave

Octave is a leader in enterprise software, turning data into decisive action and intelligence into your edge. Our software solves for and simplifies complexity, from the design and build to operations and protection of people, property and assets – for any scope, at any scale. For decades, we've partnered with customers to sharpen performance, elevate efficiency and amplify results. From factory floors to entire cities, our solutions are tuned to scale up what's possible from day one onward.

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