CADWORX P&ID PROFESSIONAL:

- Quick and Intuitive P&ID Creation
- Large, User-modifiable Symbol Library
- Specification-driven P&ID's
- Bi-directional Project Database
- Component Link to Project Documents
- P&ID/Model Synchronization
- Legacy Drawing Conversion
- P&ID Project Publishing
- Automatic Instrument Loop Diagrams
- CADWorx Internet Publisher

CADWORX® P&ID PROFESSIONAL

Intergraph® CADWorx® P&ID Professional has everything needed for the easy creation of intelligent process diagrams. CADWorx P&ID Professional unlocks the power of P&ID's by making diagrams, and the information locked within them, available to all stakeholders.

Intelligent Process Diagrams

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

Specification-driven P&ID's

CADWorx P&ID Professional 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

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

Bi-directional Project Databases

CADWorx P&ID Professional 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 synch.

Project Document Links

CADWorx P&ID Professional 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

CADWorx Internet Publisher allows P&ID's 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 CADWorx P&ID Professional and CADWorx Plant Professional models ensures full synchronization between P&ID and model components.

Legacy Drawing Conversion

CADWorx P&ID Professional includes powerful routines that make it easy to link legacy P&ID's and their components to project databases. This allows these drawings to be used exactly as if they were originally created using CADWorx.

Automatic Instrument Loop Diagrams

CADWorx P&ID Professional uses user-defined templates for the automatic creation of instrument loops diagrams.

Intelligent Datasheet Capabilities

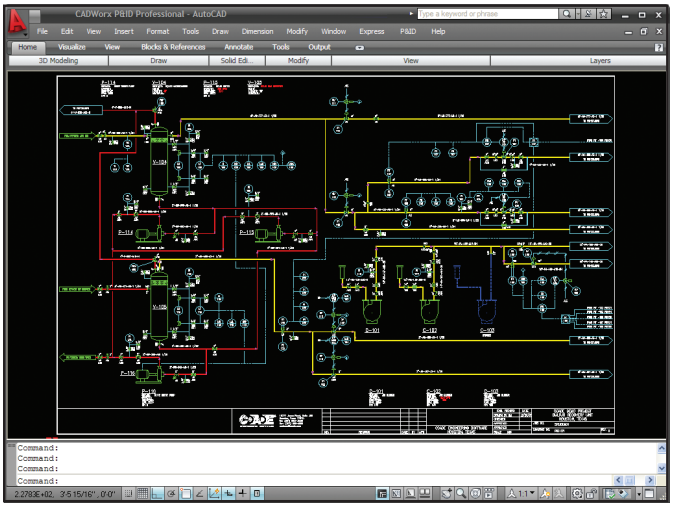
CADWorx Instrument Datasheet and CADWorx Equipment Datasheet modules are included. These modules can be used standalone or may leverage information contained in the CADWorx P&ID Professional project databases.

Technical Specifications

- AutoCAD® compatible
- Microsoft® Windows® XP Pro, Windows Vista® Ultimate or Windows 7 (Minimum)

Application Areas

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



CADWorx P&ID Professional is the most powerful and easiest to use tool for piping and instrument diagramming.

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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