INTERGRAPH®

BENEFITS:

- 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&IDs 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&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

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&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 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&IDs 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 loop diagrams.
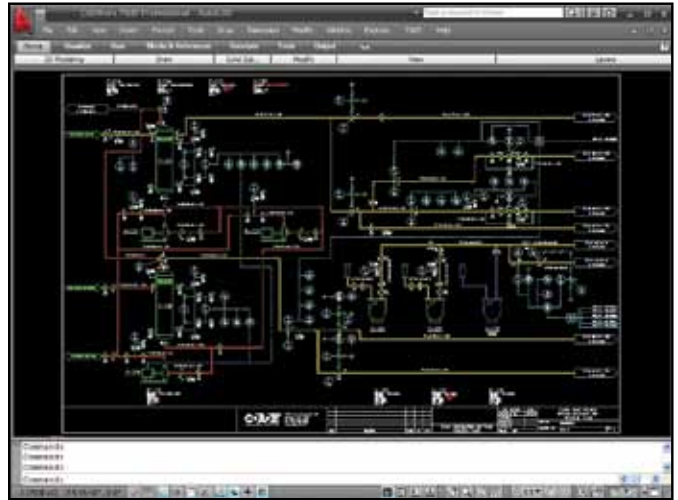
INTELLIGENT DATASHEET CAPABILITIES

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®-compatible

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 to make processes and infrastructure better, safer and smarter. The company'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, operation and data management of plants, ships and offshore facilities. Intergraph SG&I provides geospatially powered solutions,

including ERDAS technologies, to the public safety and security, defense and intelligence, government, transportation, photogrammetry, and utilities and communications industries. Intergraph Government Solutions (IGS) is a wholly owned subsidiary of Intergraph Corporation responsible for the SG&I U.S. federal business.

Intergraph is part of Hexagon (Nordic exchange: HEXA B; www.hexagon.com), a leading global provider of design, measurement, and visualization technologies that enable customers to design, measure and position objects, and process and present data.

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