

**CADWORX®**

**P&ID PROFESSIONAL**



# CADWORX® P&ID PROFESSIONAL

## 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.

### 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 Diagrams
- CADWorx Internet Publisher

## **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.

## **AUTOMATIC INSTRUMENT LOOP DIAGRAMS**

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

## **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.

## **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**

- BricsCAD®-compatible (included)
- AutoCAD®-compatible

## **APPLICATION AREAS**

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

# WHAT NEXT?

Would you like to learn more about how to use CADWorx® P&ID Professional? Contact us to be put in touch with one of our CAD/CAE experts.

Email [info@docanco.com](mailto:info@docanco.com) or call 0160 621 2330.

# ABOUT HEXAGON

CADWorx® P&ID Professional is produced by Hexagon.

Hexagon is a global leader in sensor, software and autonomous solutions. We are putting data to work to boost efficiency, productivity, and quality across industrial, manufacturing, infrastructure, safety, and mobility applications.

Hexagon's PPM division empowers its clients to transform unstructured information into a smart digital asset to visualize, build and manage structures and facilities of all complexities, ensuring safe and efficient operation throughout the entire lifecycle. Hexagon (Nasdaq Stockholm: HEXA B) has approximately 20,000 employees in 50 countries and net sales of approximately 3.9bn EUR.

