INTERGRAPH®

PROFESSIONAL EDITION

- Complete & Integrated I&E Solution
- Graphical & Data-centric Capabilities
- Built-in Object-oriented Database
- Powerful Graphics Engine Included
- Integral Change Management
- Multiple Global & Project Catalogs
- Integrated Document Management
- Cross Referencing & Drawing Navigation
- Customizable Symbols
- Intelligent Reuse of Information
- Configurable Reports & Material Lists
- Multilanguage Output

STANDARD EDITION

- Same capabilities as Professional Edition
Limited to:
- 200 Discrete Loops and/or Circuits
- 300 Drawings

TECHNICAL CAPABILITIES

- Output in Excel, XML & PDF Formats
- AutoCAD DXF & PDF Drawing Output
- HTML Publishing for Collaboration
- Redlining with Email Notification
- Single/Two/Three-line Diagrams
- Circuit/Control/Loop Diagrams
- Function/Signal/Logic Diagrams
- Cabinet/Panel/Control Room/Unit Layouts
- Bus/Network/Communication Diagrams
- Instrument and Electrical data sheets
- 70+ Customizable Reports Included

CADWORX® I&E

Intergraph® CADWorx® I&E includes the most complete tools for efficient instrument and electrical design. It is easy to learn and enables companies create revenue-earning deliverables quickly and accurately.

Complete & Integrated I&E Environment

CADWorx I&E has an integrated instrumentation and electrical environment, saving time and money by improving coordination and reducing implementation costs. It is ideal for any size of project right out of the box!

Although an integrated I&E solution, functionality is never sacrificed for either instrumentation or electrical disciplines. Both disciplines have full access to all the capabilities of the product, thereby removing false barriers and allowing the solution to be tailored to company needs.

Graphical & Data-centric Capabilities

Users can work the way they need to get the job done. They can design graphically while the system creates rich data content or they can input engineering data while the system coordinates and builds graphical output.

Built in Object-oriented Database

CADWorx I&E comes with an integrated object-oriented database requiring no additional operational overhead or expense. This technology allows designers and engineers to fully interact, and makes all data and documents always available. This promotes higher levels of consistency, diminishes data loss or corruption, and makes information distribution and sharing easier.

Powerful Graphics Engine Included

CADWorx I&E includes a powerful built-in graphics engine for quick creation of drawings. Because these drawings are part of the database, any drawings affected by any changes are quickly and automatically updated.

Integral Change Management

The data-centric approach of CADWorx I&E enables full control of revisions and archiving of legacy data. Because all items are data linked, all changes are tracked and their histories captured in the database.

Multiple Global & Project Catalogs

The software's flexibility allows multiple catalogs to be used, shared, or adapted company or project wide. Project-specific catalogs and reference data are stored

with the project, ensuring that valuable information is not lost when projects are modified, transported, or reused.

Integrated Document Management

All documents and components are dynamically connected by their database relations. Users or managers can easily find any information they require. Drawings and data can be accessed via project web portals, with full markup capabilities, or via data packs containing hyperlinked PDFs.

Cross Referencing & Drawing Navigation

All related items and relations between the database, and its graphic objects, are automatically cross referenced as they are placed in the design. On-the-fly navigation is possible by clicking on any cross reference from either the database or any drawing.

Customizable Symbols

Over a thousand internationally recognized symbols are available with the ability to create, modify, duplicate, or delete symbols or symbol libraries. This flexibility allows for fast project startups and the ability to match client requirements.

Intelligent Reuse of Information

Simple arrangements or complex designs can be saved, with full intelligence, for repeated use on multiple projects. As these items are placed in the design, all components, wires, terminals, and connections are created automatically.

Configurable Reports & Material Lists

Because each component resides in the database, it is easy to create multiple reports, listings, and bills of material. Reports can even be created on-the-fly from selected objects on a drawing. All reports are fully customizable and can be run for any stage of the design for in-depth comparisons and analyses.

Multilanguage output

CADWorx I&E lets companies create designs in one language and deliver in another. Adding terms and phrases to a user-configurable dictionary allows deliverables to be localized easily. This also lets global groups pool resources to deliver jobs worldwide.

Technical Specs

Microsoft® Windows® XP Pro, Windows Vista® Ultimate or Windows 7 (minimum)

Application Areas

Process, Power, Mining, Petrochemical, Chemical, Offshore, Steel, Manufacturing, Pulp & Paper, Food, Beverage, Brewing, Pharmaceutical, Semiconductor, Water Treatment, Building Services, Shipbuilding, and Architectural.

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 to the public safety and security, defense and intelligence, government, transportation, photogrammetry, and utilities and communications industries. Intergraph Government Solutions (IGS) is an independent subsidiary for SG&I's 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.

For more information, visit www.intergraph.com.

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