CADWorx® Design Review

Powerful Design Collaboration

CADWorx Design Review:

- Dynamic Model Updates
- Markup and Redlining
- Realistic Visualizations
- Views & Animations
- Review Custom Data & Isogen® Data
- Basic Clipping Options
- Line Number & XREF View Palettes

CADWorx Design Review Professional:

- Multiple File Formats with Intelligence
- Measurements with Snapping Options
- Support for Point Cloud Exchange Formats
- Enhanced Clipping Options
- Advanced Model Tree
- Search/Filter by Date
- Centralized Annotations
- Customizing Tool Tips
- Intelligent Publishing
- Batch Export
- Advanced IFC Collaboration

CADWorx Design Review allows the review and publishing of CADWorx models by designers, managers, owners and other stakeholders. Discover how you can improve collaboration by utilizing tools for markups, design comments and redlining. By using CADWorx Design Review, users are able to create realistic visualizations and access the intelligent information. Whether it is one model file or multiple model files, the intuitive interface and its performance-based tools make manipulating and moving around even the largest models quick and smooth.

Quicker Review Cycles

Collaborate and review designs more quickly and intuitively with CADWorx Design Review. By using 3D, users can reduce the need to interpret designs via paper printouts and other non-interactive methods. CADWorx Design Review improves collaboration with tools for markups, design comments and redlining.

Stunning Performance

The intuitive interface of CADWorx Design Review and its performance-based design makes manipulating and moving around even the largest models quick and smooth.

Automatic Isometrics

Isometrics drawings can be produced from piping layouts or project databases. CADWorx Plant Professional includes Isogen® for automated isometric production.

Ideal for Multi-model Designs

There is no need to manually load the separate model files that make up a design. If files are externally referenced, these are automatically included in the review model.

Accurate Visualization

Powerful visualization tools provide settings for color, transparency and model shadows. With flexible selection sets, it is also possible to adjust settings, not only for single components, but for xref's, line numbers, etc. – in fact, for any selection set available to the user.

Intelligent Information

Access the same model information as you would within a CADWorx design session. Component names and descriptions, line numbers, weights and other plant design data are all available.

Editable Animations

Creating informative and stunning animations is simple with CADWorx Design Review. Users can set out animation paths and edit the path line at any point. The view direction on any point of the animation path can also be edited in a combination of the six degrees of freedom, plus view angle.

Interactive Viewing Tools

Explore your 3D models efficiently and informatively with user-friendly volume clipping and 3D cutting planes. Quickly refresh to discover the latest updates from your 3D design environment so that you're always using the most up-to-date information to make decisions.

Support for BIM

Take advantage of IFC export capability. You can open exported CADWorx models into a BIM collaboration environment.

Publishing and Collaboration

Publish models into various intelligent file formats (IFC, VUE, 3D PDF, CWDR) for collaboration and sharing purposes. Files from multiple project contractors can be brought into the collaboration environment of CADWorx Design Review to be combined into a single sharable file.

Technical Specifications

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

Application Areas

CADWorx has links to CAESAR II for pipe stress analysis and PV Elite for equipment analysis, allowing reuse of the 3D model components for a time-saving and accuracy-improving workflow solution.

CADWorx Design Review puts the power of design and model review in the hands of all project stakeholders.

About 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.
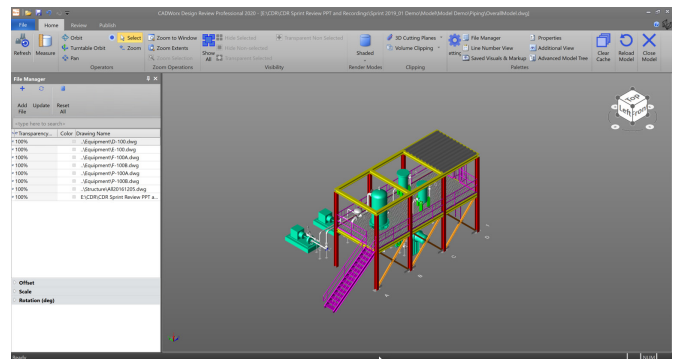
Hexagon (Nasdaq Stockholm: HEXA B) has approximately 20,000 employees in 50 countries and net sales of approximately 3.9bn EUR. Learn more at hexagon.com and follow us @HexagonAB.