

AUTODESK®
DESIGN REVIEW
2008

MANUFACTURING

Features & Benefits

Get your product to market quicker by shortening development cycles with faster design reviews. Accelerate projects with Autodesk® Design Review, the all-digital way to review, mark up, and track changes to 2D and 3D designs—all without the original creation software.

Accurately measure, redline, and mark up models and drawings. Communicate changes in the context of the design. Add comments, track status, and drag information of any type—product specifications, change orders, or estimates—combining them into a single file. Then round-trip the DWF file to any Autodesk® design application, overlaying digital markups onto the original computer-aided design (CAD) file for fast revisions. Add DWF support for assembly instructions and bill of materials (BOM) viewing in Autodesk Inventor® and AutoCAD® Mechanical, and a wide array of publishing options, and there's simply no better way to work.

See how Autodesk Design Review is the perfect solution for manufacturing:

Get Reviews Done Quicker

Connect with customers, suppliers, planners, and purchasing sooner and shorten the product development lifecycle with earlier, faster, more accurate design reviews.

Track Markups and Annotations

Autodesk Design Review automatically tracks comments and their status, helping to ensure that no information is lost.

Accurately Communicate Design Information to the Entire Team

Autodesk Design Review enables sharing of designs with all key stakeholders, regardless of whether or not they are familiar with complex CAD software. And now instead of requiring team members to install costly software, Autodesk Design Review is available for free*.

Protect Your Intellectual Property

Protect your IP by sharing DWF files, providing complete accuracy and fidelity without sending the original CAD file. Password protection, encryption, and digital rights management capabilities – restricting measurement, markup, and printing – offer additional security.

Autodesk®

Key Features and Benefits

View

Autodesk Design Review offers a fast, efficient way to view high resolution 2D and 3D designs, including detailed model structures and properties. Quickly navigate between sheets and views using embedded hyperlinks and bookmarks.

- **NEW Online Content Search**
Drive productivity and process improvements through one-click access online part catalogs through Autodesk Design Review.
- **3D Pull Apart and Cross-Sectioning**
Reviewers of design information can deconstruct and create section views of designs to gain access to specific parts for inspection, meaning team members can review designs faster and more effectively.
- **NEW Compare**
Compare multiple versions of drawings in a “lightboard-style” fashion, with versions overlaid upon one another. Design Review automatically highlights additions, deletions, and other modifications.
- **Full Design Intelligence**
Access information critical to engineering and design review, including bill of materials, animated assembly instructions, FEA results, detailed model properties, object and markup properties, sheet set details, and drawing scale.
- **ENHANCED Protect Your Intellectual Property**
To increase security when sharing designs, measurement, markup, and printing of the DWF file can be disabled in files published from Autodesk Inventor.

Print

Rich printing options enable you to print with the same print fidelity as the CAD application.

- **ENHANCED Batch Printing**
Print multiple DWF files, customize print settings, and save batch printing configuration for later use with the Batch Print wizard. Automate batch printing with custom scripts, and save time by easily printing large numbers of DWF files overnight or as part of an automated process.
- **Printer Integration**
Autodesk partnerships with HP, Océ, KIP, and PLP, among others, make printing to your hardware device easier than ever. If you’re connected to a supported HP® Designjet® printer, select the HP Instant Printing feature to print an entire sheet set automatically rotated or scaled to best fit the printer roll size or utilize this feature with bath printing.

Mark up and Annotate

Get everything needed for clear and concise review and markup, including redline, freehand, stamping, and custom symbols tools.

- **ENHANCED 2D and 3D Markup**
All viewing and markup features are available for both 2D and 3D designs. Markups made to 3D models are persisted and visible within the model view, making it more intuitive for users to capture and review feedback.

- **Custom Stamps, Smart Shapes and Freehand Markup Tools**
Add custom symbols and comments to sheet sets and 3D views electronically, including familiar markup call-outs, standard shapes, freehand drawings, and text.

Measure

Built-in dimension tools help to ensure accurate length and area measurements during design review.

- **NEW Persistent 3D Measure**
Use built-in measurement tools to measure distance and angles in 3D models. Measurements made on 3D models persist within the model view, always available for reference.
- **NEW User Coordinate Support**
Robust user coordinate system provides greater flexibility and more accurate measurement of models.

Combine Project Documents

Drag project information into your DWF file to quickly and easily build a complete project file with product specifications, estimates, timelines, and more.

- **Combine all Designs and Project Data**
Share, review, and mark up 2D drawings and 3D models – as well as project-related documents from Microsoft Office and other applications – in a single file. Design Review supports adding, deleting, reordering, and renaming sheets and models within the Navigator window. Publishing to DWF format is simple with the free* Autodesk DWF Writer.
- **Capture Graphical Information**
Capture graphical information from the web or other applications with the Snapshot tool, and include it for review within in Autodesk Design Review.

Round-Trip Reviews

Increase team productivity with inline markup tools that enable you to round-trip designs quickly and easily back into Autodesk design software—without the need to reenter information.

- **Automatically Track All Markups**
Automatically track your project's status with auto-recording of markups, text annotations, dimensions, review status, and notes.
- **Save and Round-Trip All Markups**
Import 2D markups from DWF format back into Inventor. Systematically walk through a review set, navigating markups in the Markup Set Manager for fast, easy revisions in Autodesk Inventor, AutoCAD Mechanical, AutoCAD Electrical, and AutoCAD.
- **Keep the Process Moving with Autodesk Productstream**
Accelerate your engineering change order process with Autodesk Design Review software's measure and markup capabilities and the automated workflow of Autodesk® Productstream™ software. Easily communicate problems, track who did what and when, and manage markups with the relevant change order.

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