

AutoCAD 2027

Design and drafting software trusted by millions

Redefine how you create with Autodesk® AutoCAD®

Autodesk AI empowers you to reimagine your creative process in AutoCAD, delivering advanced automation and meaningful performance enhancements that help you design faster and work smarter. Intelligent features reduce repetitive tasks and surface actionable insights, so you can spend more time creating with precision and confidence. Securely managed data supports informed decision making and helps turn ideas into high quality results more efficiently.

A truly collaborative design experience

Bring teams together through Forma Data Management. Purpose built cloud storage makes it easy to save, manage, and access project files while supporting collaborative design processes. Your data and intellectual property remain secure and governed, giving you confidence across every stage of design.

Optimize productivity

Seven specialized toolsets, including Electrical, Mechanical, and Plant 3D. Automate routine tasks with AutoLISP, tailor workflows to your discipline, and extend AutoCAD through APIs and thousands of apps on the Autodesk App Store.

New & enhanced features for AutoCAD 2027



NEW AUTODESK ASSISTANT (TECH PREVIEW):

Intelligent, in-context guidance powered by Autodesk AI. With the introduction of Model Context Protocol (MCP), it now interprets drawing context and user intent, enabling CAD standards checking.*



CHECKOUT:

Forma Data Management Essentials is now included with standalone subscriptions of AutoCAD, bringing cloud-based project data management directly into the tools you already use. Leverage advanced collaboration features to support parallel work and improved coordination.



FORMA DATA MANAGEMENT ESSENTIALS:

Collaborate on shared DWG files by reserving only the geometry you need, allowing you to work in parallel within isolated editing environments and safely apply changes back to the source drawing via Forma Data Management.



GEOMETRY CLEANUP:

Identify common geometry errors, consolidating error detection and correction in your DWG files to reduce manual cleanup, improving drawing quality and boosting drafting productivity.



CONNECTED REFERENCES:

Preserve Xref integrity for drawings stored in Forma Data Management, detecting moved or renamed references and suggesting automatic repairs directly from the Xref palette.



Streamlined collaboration

With an AutoCAD subscription you can capture, share, and review ideas on the go:

- Access AutoCAD on the web and mobile
- View, edit, markup, and share drawings from virtually any device.
- Make assessments and changes in the field, enabling real time feedback and collaboration.
- Easily add blocks, manipulate layers, and take measurements wherever they are.
- Access up-to-date working files in AutoCAD, Forma Data Management, and cloud storage.

Recently released features for AutoCAD



CONNECTED SUPPORT FILES:

Define one set of project-aware support files and settings for a Forma Data Management project—giving ability to view and edit DWG files without requiring additional steps to configure individual users or AutoCAD installations.



SMART BLOCKS: DETECT AND CONVERT:

Improve design efficiency and save time when cleaning up drawings by automatically recognizing objects to convert into blocks with the help of Autodesk AI.



SMART BLOCKS: SEARCH AND CONVERT:

Quickly search your drawings for objects to convert into instances of a newly defined block, an existing or recently used block, or a suggested block from your Block Libraries with the help of Autodesk AI.



“WHAT’S CHANGED” ACTIVITY INSIGHTS:

Access a summary of changes made across all editing sessions by any user, including a list of specific changes to objects, command-based workflow breakdowns, changes to file size, and overall editing time—giving you more data to make informed decisions.



MARKUP IMPORT AND MARKUP ASSIST:

Import and connect JPG, PNG, and PDF markups from Forma Data Management. Markups made in Forma Data Management continue to sync in AutoCAD so you can review and incorporate feedback with Markup Assist or view Forma Data Management Issues.



Extend functionality

Seven specialized toolsets for architecture, mechanical design, 3D mapping, and more are included with an AutoCAD subscription.

- Across seven studies, customers increased productivity by 63% on average for tasks completed using a specialized toolset in AutoCAD.**
- Access libraries of 750,000+ symbols, parts, and detail components.
- Automate floor plans, sections, elevations, and more.

Start your AutoCAD trial now: autodesk.com/tryautocad

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*This feature is a technology preview which is still under development and will continue to evolve and improve with time.

**Productivity data based on a series of studies commissioned by Autodesk to an outside consultant. The seven toolset studies compared basic AutoCAD to the specialized toolsets within AutoCAD when performing tasks commonly done by experienced AutoCAD users. Overall productivity gain calculation based on adding the completion times of specific tasks in the toolset and also in basic AutoCAD and then calculating the percent difference between the two totals across seven studies. As with all performance tests, results may vary based on machine, operating system, filters, and even source material. While every effort has been made to make the tests as fair and objective as possible, your results may differ. Product information and specifications are subject to change without notice. Autodesk provides this information “as is”, without warranty of any kind, either express or implied.