AUTODESK

Benefits of AutoCAD toolsets
Productivity study highlights

The toolsets bring dramatic increased productivity and significant time savings to common AutoCAD® design tasks.

Study summary

Every subscription to AutoCAD includes access to AutoCAD and seven industry-specific toolsets.

Autodesk commissioned an outside consultant to conduct studies about each of the seven specialized toolsets. Across seven different studies, the average **productivity gain was about 63%** for tasks completing using a specialized toolset.*

How the toolsets help save time

1 Architecture toolset
Time savings with the Architecture toolset up to 61% Purpose-built architectural design tools help eliminate errors and provide accurate information to the user, allowing more time for architectural design.

2 Mechanical toolset
Time savings with the Mechanical toolset up to 55% Includes tools designed for mechanical engineering with specialized commands, calculation functions, layer management systems, updating bill of materials (BOM), and intelligent drafting tools.

3 Electrical toolset
Time savings with the Electrical toolset up to 95% Purpose-built electrical design tools that help eliminate errors and provide accurate information to manufacturing, allowing more time for design and engineering.

4 Plant 3D toolset
Time savings with the Plant 3D toolset up to 74% Helps plant designers create and edit Piping & Instrumentation Diagrams (P&IDs). It is used to generate and modify process plant models in order to produce piping isometrics and piping orthographic drawings.

5 MEP toolset
Time savings with the MEP toolset up to 85% Contains tools geared to mechanical, electrical, and plumbing professionals in the building industry. The various workspace environments (electrical, HVAC, piping, plumbing, and schematic) include individual palettes and domain-specific ribbons to optimize specific workflow tasks.

6 Map 3D toolset
Time savings with the Map 3D toolset up to 60% Built specifically to create and modify software-based design and documentation productivity for users working with Geographical Information Systems (GIS). Purpose-built data management and mapping tools minimize errors and provide more accurate information to the user, allowing more time for mapping geographical data.

7 Raster Design toolset
Time savings with the Raster Design toolset up to 48% Provides raster design tools to edit scanned drawings and covert raster images to DWG™ objects. Purpose-built raster and vector tools help with image cleanup and editing, allowing more time for design.

AutoCAD includes access to all AutoCAD vertical industry functionality as specialized toolsets. Take your work with you with the AutoCAD mobile app and the AutoCAD web app.