AUTODESK

The benefits of using the Raster Design toolset in AutoCAD

Productivity study highlights

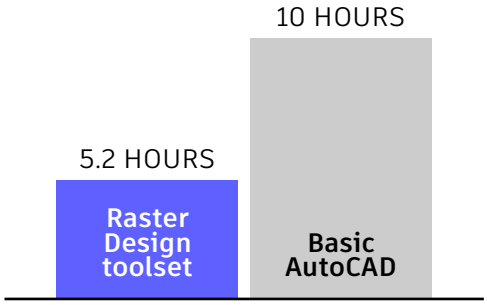
The Raster Design toolset brings increased productivity and significant time savings when working on a drawing in AutoCAD® that requires the use of a raster image to convey design intent.

Study summary

Autodesk commissioned a study that compared basic AutoCAD to the Raster Design toolset when preparing designs using raster images.

Results showed that the Raster Design toolset provided up to **48% overall productivity gain*** compared with basic AutoCAD, when these tasks were performed by an experienced AutoCAD user.

48% overall productivity gain*



How the Raster Design toolset saves time

1 Insert and scale

Time savings with the Raster Design toolset
up to 51%

The Image Insertion wizard provides tools to execute the correlation/scaling and coordinate values of a raster image in one workflow, including managing for multiple raster images. For GIS applications, options are provided for coordinate transformation while inserting an image that has a different coordinate system than that of the drawing.

2 Manage and view

Time savings with the Raster Design toolset
up to 94%

Raster image management tools like the Raster Design palette increases efficiency by providing comprehensive image data including image properties, image colors, and image file location.

3 Edit

Time savings with the Raster Design toolset
up to 31%

Basic AutoCAD provides tools to edit the raster image to highlight AutoCAD objects. However, the Raster Design toolset provides specialized tools that give the same results with quicker, more efficient workflows.

4 Raster entity manipulation

Time savings with the Raster Design toolset
up to 60%

REM tools allow you to define regions of varying shapes in the raster image and manipulate them individually. These include polygonal, rectangular, diagonal, circular, and from existing vector entities.

5 Vectorize and recognize text

Time savings with the Raster Design toolset
up to 45%

The Optical Character Recognition (OCR) tools to convert raster text entities to Multiline Text (MText) entities is a quick, efficient workflow.

6 Raster Snap

Time savings with the Raster Design toolset
up to 49%

Provides raster snaps that allow the user to snap to raster entities and then generate vector primitives such as lines and polylines.

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.

*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.

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