

PRODUCTIVITY STUDY HIGHLIGHTS

Benefits of the Map 3D Toolset

The Map 3D toolset helps save time and increase productivity for common mapping design tasks in AutoCAD®

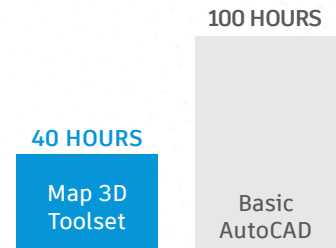


STUDY SUMMARY

Autodesk commissioned a study that compared basic AutoCAD to the Map 3D toolset when performing common mapping design challenges.

Results showed that the Map 3D toolset provided up to **60% overall productivity gain*** compared with basic AutoCAD, when these tasks were performed by an experienced AutoCAD user.

60% Overall Productivity Gain*



HOW THE MAP 3D TOOLSET HELPS SAVE TIME:

- 1. Interface & workspaces**
(Time savings with the Map 3D toolset up to 83%)
Users can select one of three specific, built-in mapping/GIS workspaces during installation: Planning and Analysis Workspace, Maintenance Workspace, or 2D Drafting Workspace.
- 2. Creating & editing coordinate geometry**
(Time savings with the Map 3D toolset up to 62%)
Provides coordinate geometry commands that can use bearings, azimuth, and deflection, combined with distances, to create geometry and parcels in your mapping/GIS drawings.
- 3. Object data**
(Time savings with the Map 3D toolset up to 37%)
Link database data to block attributes in a mapping/GIS environment to display up-to-date information. Map Explorer tab provides a full visual breakdown of the database and the tables linked to the drawing.
- 4. Importing & exporting**
(Time savings with the Map 3D toolset up to 79%)
Using the MAPIMPORT command, many hours of work may be saved by being able to use the ESRI® ArcView™ ShapeFile in its native format.
- 5. Enhanced data exchange**
(Time savings with the Map 3D toolset up to 45%)
Any mapping/GIS drawings include objects created with the FDO features stylization engine. The Map 3D toolset converts to DWG file format with FDO features stylization.
- 6. Source drawings & coordinate systems**
(Time savings with the Map 3D toolset up to 58%)
Drive aliasing allows for direct server connection to source drawings and coordinate systems.
- 7. Styling FDO Features**
(Time savings with the Map 3D toolset up to 77%)
Map 3D toolset provides extensive FDO feature editing tools. Necessary information for stylizing can be found using Autodesk SDF source files.
- 8. Plotting maps**
(Time savings with the Map 3D toolset up to 44%)
Provides ability to place a legend, north point, and a scale relative to your mapping and GIS information in the drawing.

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