

PRODUCTIVITY STUDY HIGHLIGHTS

Benefits of the MEP Toolset

The MEP toolset brings dramatically increased productivity and significant time savings to common AutoCAD® MEP design tasks



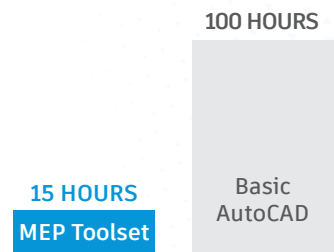
MEP TOOLSET

STUDY SUMMARY

Autodesk commissioned a study that compared basic AutoCAD to the MEP toolset when performing tasks commonly done by mechanical, electrical, and plumbing professionals in the building industry.

Results showed that the MEP toolset provided up to **85% overall productivity gain*** compared with basic AutoCAD, when these tasks were performed by an experienced AutoCAD user.

85% Overall Productivity Gain*



HOW THE MEP TOOLSET SAVES TIME:

- 1. Project setup**
(Time savings with the MEP toolset up to 81%)
The MEP toolset provides a huge library of MEP components, including MvParts, which allow for more productivity when setting up MEP designs in 3D.
- 2. MEP - Electrical**
(Time savings with the MEP toolset up to 86%)
Electrical workspace and Electrical design configurations allow for the full wiring circuit to be created for scheduling later, if required.
- 3. MEP - HVAC**
(Time savings with the MEP toolset up to 81%)
Working in 3D, the placement of ducting between items of equipment becomes much more manageable and less time-consuming. Extensive content library of HVAC MvParts is available.
- 4. MEP - Piping**
(Time savings with the MEP toolset up to 91%)
Piping plan can easily be set up using the MEP templates and the MEP Display Manager.
- 5. MEP - Plumbing**
(Time savings with the MEP toolset up to 90%)
MvParts provide an extensive library of plumbing fixtures and drainage items. Routing plumbing lines is quick and easy due to easy connection via the MvParts.
- 6. Detailing and sheets**
(Time savings with the MEP toolset up to 84%)
Provides extensive display configurations in specific sheet viewports which would otherwise need to be configured manually.

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