



Slash design time by up to 41 percent with AutoCAD 2016

Autodesk partnered with David S. Cohn Consulting on a study to quantify the productivity increases resulting from moving to Autodesk® AutoCAD® 2016 software.*

Study highlights

To complete a series of five pre-defined drawing tasks:

- 8.9 hours with AutoCAD 2011
- 41% timesaving with AutoCAD 2016 (5.3 hours)
- 87% timesaving for a specific task with AutoCAD 2016

The study results were both dramatic and conclusive: AutoCAD 2016 can significantly boost productivity.

Study overview

A defined set of drawing tasks were re-created using AutoCAD 2011 and AutoCAD 2016:

1. 2D floor plan
2. Drawings from Inventor Assembly
3. 2D site plan from map/aerial photo
4. PDF File
5. 3D Tea Pot

New & enhanced productivity tools in AutoCAD 2016

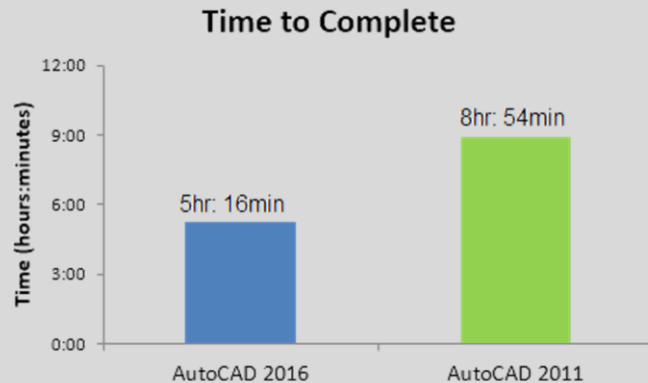
- **Smart dimensioning**
Automatically create appropriate dimensions based on the geometry
- **Coordination model**
Design within the context of existing BIM models
- **Enhanced PDFs**
PDFs are smaller, smarter, and more searchable
- **Revision clouds**
Create and modify revision clouds more easily
- **Reality computing**
Transform point clouds to 2D drawings automatically

Source: David S. Cohn Consulting

*The performance results and statistical information reported in this paper were derived from tests commissioned by Autodesk and conducted over a controlled network, using AutoCAD 2011, AutoCAD 2016, and a Dell Precision™ M3800 mobile workstation running Windows® 7 performed selected tasks designed to simulate day-to-day production tasks. 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.

[Read the AutoCAD 2016 Productivity Study here.](#)

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Task list summary

	AutoCAD 2011	AutoCAD 2016	Time reduction	Productivity improvement
Task 1	2 hr: 47 min	1 hr: 44 min	38%	61%
Task 2	2 hr: 18 min	58 minutes	58%	138%
Task 3	2 hr: 33 min	2 hr: 3 min	14%	16%
Task 4	57 minutes	7 minutes	87%	661%
Task 5	29 minutes	24 minutes	17%	21%
TOTAL	8 hr: 54 min	5 hr: 16 min	41%	69%

About David S. Cohn Consulting

David Cohn is a technical authority on CAD interface design and documentation. He has more than 30 years of experience with AutoCAD as a user, developer, and consultant, and is the author of more than a dozen books on AutoCAD.