



AUTODESK®  
**BUILDING DESIGN SUITE**  
2016

ULTIMATE  
PREMIUM  
STANDARD

Design and build better buildings

# Powerful software for building design and construction

Autodesk® Building Design Suite provides a comprehensive portfolio of interoperable software to power your building design and construction workflows.

## Are you facing these issues?

- Under pressure to control costs and do more with less
- Tired of separately deploying, installing, and managing nonintegrated software tools
- Want to compete for projects that require Building Information Modeling (BIM) processes, but you use CAD
- Need an economical entry point for BIM
- Looking to get more out of your current investment in the BIM process
- Want to collaborate more effectively with project team members
- Struggling to manually coordinate your design with design data in different file formats
- Need the competitive edge of high-end visualizations and walk-throughs
- Need multidiscipline design software to more easily collaborate with design partners
- Want to improve constructability and reduce rework costs

Learn how Autodesk® Building Design Suite can support BIM and CAD-based workflows, helping you design, simulate, visualize, and construct better buildings.

Three editions of Autodesk Building Design Suite are tailored for the needs of designers and construction professionals working in architecture, structural, and mechanical, electrical, and plumbing (MEP) engineering.

## Autodesk Building Design Suite Standard

Autodesk Building Design Suite Standard edition is for building designers, drafters, and detailers who need a foundational set of tools to help them efficiently design, document, and share drawings in the native DWG™ file format.

- Design, document, and share DWG drawings
- Take advantage of versions of Autodesk® AutoCAD® software made specifically for the building industry
- Show your ideas more effectively with tools for design illustration and graphic communication

## Autodesk Building Design Suite Premium

Autodesk Building Design Suite Premium edition is for architects and engineers who need an optimized set of tools, including the power of BIM with Autodesk® Revit® software, the familiarity of AutoCAD software applications for efficient documentation, and Autodesk® 3ds Max® Design software for compelling visualizations.

- Create better buildings with intelligent 3D model-based design
- Produce compelling visualizations to market ideas more successfully
- Use integrated analysis to help inform design and construction decisions.

## Autodesk Building Design Suite Ultimate

Autodesk Building Design Suite Ultimate edition helps to deliver the full power of BIM with an advanced set of tools that extends beyond design into construction. The Ultimate edition builds on the Premium edition by including Autodesk® Navisworks® Manage software for an integrated approach to multidisciplinary coordination and Autodesk® Inventor® software to collaborate more effectively with building product manufacturers and fabricators.



## Autodesk Building Design Suite can help you:

- Design with BIM- or CAD-based tools to quickly explore design alternatives
- Use integrated analysis to help inform your design and construction decisions before breaking ground
- Produce near-realistic 3D visualizations to help communicate design intent, identify conflicts, and reduce costly design changes
- Create more consistent, higher-quality construction documentation and as-built models
- Help coordinate multiple team members and disciplines working together to deliver on schedule and on budget

Products	ULTIMATE	PREMIUM	STANDARD
AutoCAD® 2016	✓	✓	✓
AutoCAD® Architecture 2016	✓	✓	✓
AutoCAD® MEP 2016	✓	✓	✓
Autodesk® Showcase® 2016	✓	✓	✓
AutoCAD® Raster Design 2016	✓	✓	✓
Autodesk® ReCap™	✓	✓	✓
Autodesk® Revit® 2016	✓	✓	
Autodesk® 3ds Max 2016	✓	✓	
Autodesk® Navisworks® Simulate 2016		✓	
Autodesk® Navisworks® Manage 2016	✓		
Autodesk® Inventor® 2016	✓		
Autodesk® Robot® Structural Analysis Professional	✓		

#### Additional services available with Maintenance or Desktop Subscription

A360	✓	✓	✓
Rendering in A360	✓	✓	✓
Remote	✓	✓	✓
Autodesk® Green Building Studio®	✓	✓	✓
Energy Analysis for Autodesk® Revit®	✓	✓	
Structural Analysis for Autodesk® Revit®	✓	✓	
Lighting Analysis for Autodesk® Revit®	✓	✓	
Autodesk® InfraWorks® 360 LT	✓		

#### Access a comprehensive collection of tools

Autodesk Building Design Suites offer interoperable software to provide more accurate, accessible, and accurate insights across the building lifecycle.

#### Autodesk® AutoCAD®

Design and documentation tools in one of the world's leading 2D and 3D CAD software applications.

#### AutoCAD® Architecture and AutoCAD® MEP

The versions of AutoCAD specifically for architects, MEP designers and drafters, and detailers, and fabricators

#### Autodesk® Showcase®

3D visualization software for transforming AutoCAD and Revit models into interactive walk-throughs and presentations.

#### Autodesk® Revit®

BIM software combines tools for architectural design, MEP engineering, structural engineering, and construction in a single, comprehensive application. Gain access to a broader set of tools to help streamline your workflows and collaborate more effectively with other building design disciplines on the Revit® platform.

#### Autodesk® 3ds Max®

Powerful visualization software to review design concepts, more accurately analyze daylight effects, and create high-impact marketing visuals

#### Autodesk® Navisworks® Simulate

Comprehensive project review software that supports intelligent 3D model-based designs with advanced scheduling and visualization capabilities to assist in demonstrating design intent and simulating construction.

#### Autodesk® Navisworks® Manage

Project review software with additional tools for clash detection and interference checking and management, so you can better coordinate disciplines, resolve conflicts, and plan projects virtually before construction or renovation begins

#### Autodesk® Inventor®

3D CAD software for mechanical design enables MEP professionals to integrate manufacturer building components into their design process

#### Autodesk® Robot® Structural Analysis Professional

Enables structural engineers to more efficiently perform advanced analysis on large and complex building structures

As we've grown, we've committed more and more to Autodesk Building Design Suite because it gives us the complete digital toolbox we need not just to complete projects, but to innovate as well. In short, we use a variety of Autodesk tools to help us deliver projects that exceed our clients' expectations.

—Andrew Watkins  
Associate Principal  
Ayers Saint Gross

### **Learn More or Purchase**

Access specialists worldwide who can provide product expertise, a deep understanding of your industry, and value that extends beyond your software. To license Autodesk Building Design Suite, contact an Autodesk® Authorized Reseller. Locate a reseller near you at [www.autodesk.com/reseller](http://www.autodesk.com/reseller).

### **Autodesk Education**

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