

# Autodesk® Building Design Suite

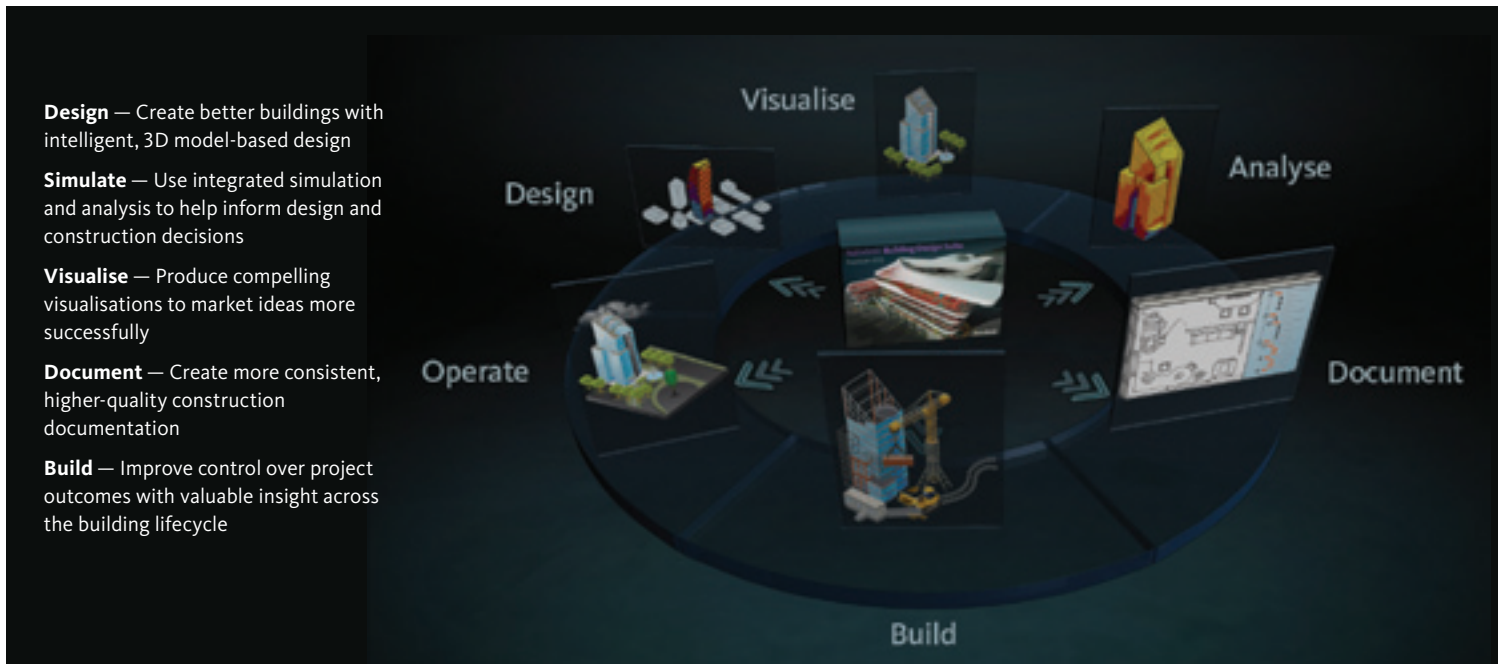
## Design and build better buildings

Rendering of the Emergency Building in Barcelona, Spain. Autodesk® Revit® Architecture, Autodesk® Revit® MEP and Autodesk® Revit® Structure software products were used in the design process. Image courtesy of ACXT-IDOM-ADD+.



# Exceptional Value and Competitive Advantage

Autodesk® Building Design Suite is a comprehensive software solution that can help you to design and communicate more effectively.



## Are you facing these issues?

- Need to be more competitive
- Constantly under pressure to control costs and do more with less
- Tired of separately deploying, installing and managing non-integrated software tools
- Want to compete for projects that feature BIM workflows, 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 co-ordinate your design manually with design data in different file formats
- Need the competitive edge of high-end visualisations and walk-throughs
- Spending too much time trying to communicate your design
- Need multidiscipline design software to work with design partners more easily
- Want to improve constructability and reduce rework costs

Learn how Autodesk Building Design Suite can help you to overcome these issues and accelerate your path to new business.

Autodesk Building Design Suite gives you the power of BIM, with tools for modelling, visualisation and documentation so you can compete for new work whether the project requires CAD or BIM.

Three editions of the Autodesk Building Design Suite are available to meet your particular business needs and offer you the depth and breadth of the Autodesk portfolio.

### Autodesk® Building Design Suite Standard:

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

- Design, document and share DWG drawings
- Take advantage of versions of 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 is for architects and engineers who need an optimised set of tools including the power of BIM with Autodesk® Revit® software products, the familiarity of AutoCAD software applications for efficient documentation, and Autodesk® 3ds Max® Design software for compelling visualisations.

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

### Autodesk® Building Design Suite Ultimate:

Delivers the full power of BIM with an advanced set of tools that extend beyond design into construction. Ideally suited for construction professionals, this edition builds on the Premium edition by including Autodesk® Navisworks® Manage software for an integrated approach to multidisciplinary co-ordination, Autodesk® Inventor® to collaborate more effectively with building product manufacturers and fabricators, and Autodesk® Quantity Takeoff for use in design-to-cost-estimating workflows.

# Cost Effective Path to BIM

Included Software Products	Standard	Premium	Ultimate
AutoCAD® 2013	✓	✓	✓
AutoCAD® Architecture	✓	✓	✓
AutoCAD® MEP	✓	✓	✓
AutoCAD® Structural Detailing	✓	✓	✓
Autodesk® Showcase®	✓	✓	
Autodesk® SketchBook® Designer	✓	✓	✓
Autodesk® Revit®		✓	✓
Autodesk® 3ds Max® Design		✓	✓
Autodesk® Navisworks® Simulate		✓	✓
Autodesk® Navisworks® Manage			✓
Autodesk® Infrastructure Modeler			✓
Autodesk® Quantity Takeoff			✓
Autodesk® Inventor®			✓
Autodesk® Robot® Structural Analysis Professional			✓

Autodesk Building Design Suite offers a comprehensive set of tools to manage all phases of design and construction at exceptional value.

**AutoCAD®** design and documentation software is one of the world's leading 2D and 3D CAD tools.

**AutoCAD® Architecture, AutoCAD® MEP and AutoCAD® Structural Detailing** software helps you to design, document and share drawings efficiently using authentic, reliable DWG technology.

**Autodesk® Showcase®** helps you to market and present your designs by transforming digital models into photorealistic imagery and immersive, interactive presentations.

**Autodesk SketchBook® Designer** gives you an effective tool for design illustration and graphic communication.

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

**Autodesk® 3ds Max® Design** software lets you review design concepts quickly, analyse daylight effects more accurately and create high-impact marketing visuals.

**Autodesk® Navisworks® Simulate** project review software supports intelligent 3D model-based designs with advanced scheduling and visualisation capabilities.

**Autodesk® Navisworks® Manage** software helps you to integrate 3D models and multiformat data so you can co-ordinate disciplines more effectively, resolve conflicts and plan projects virtually before construction or renovation begins.

**Autodesk® Quantity Takeoff** software helps you to perform efficient material quantifications from design data and high-quality images for a smoother design-to-cost workflow.

**Autodesk® Inventor®** software lets you collaborate with manufacturers and fabricators that produce building components to understand and capture design intent.

**Autodesk® Infrastructure Modeler** software helps you to create, evaluate and communicate convincing site plan proposals more easily for faster stakeholder buy-in and more confident decision making.

**Autodesk® Robot™ Structural Analysis Professional** software enables structural engineers to perform advanced analysis on large and complex building structures efficiently.



## Autodesk Building Design Suite helps you to:

- Create better buildings with BIM software and intelligent 3D models
- Use integrated analysis to inform your design and construction decisions
- Produce compelling visualisations and walk-throughs to market your ideas more successfully
- Create consistent, higher-quality construction documentation and as-built models
- Accelerate your project schedules and decrease your costs
- Improve control over your project outcomes with valuable insight across the building lifecycle

At DesignGroup we see a lot of value in the Autodesk Building Design Suite because we now have additional tools that will allow us to expand our services and increase the design opportunities that we have in our firm.

—Brian P. Skripac  
Assoc. AIA, LEED AP BD+C  
Director of BIM  
DesignGroup

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#### **Autodesk Education**

Autodesk offers students and educators a variety of resources to help ensure that students are prepared for successful design careers. Educators can access design software, curricula and teaching resources, while students can access free\* software, training videos, design competitions and career resources. Anyone can get expert guidance at an Autodesk Authorised Training Centre (ATC<sup>®</sup>) site, and validate skills with Autodesk Certification. To learn more about Autodesk Education, visit [www.autodesk.co.uk/education](http://www.autodesk.co.uk/education).

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