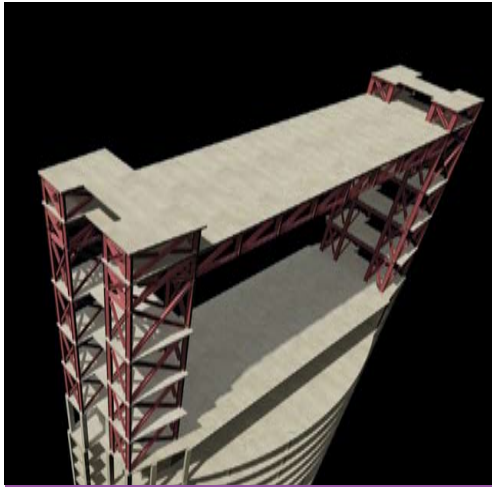




**Autodesk®**  
Structural Engineering  
Solutions

Anticipate. Integrate.  
Accelerate.

# Get in Front, Stay in Front



Using Revit Structure, we have realized better coordination and quality within our drawings, which has translated to higher profitability and a competitive advantage for our firm. We believe that as we move forward with Revit Structure, we will be better positioned to exceed our clients' expectations.

—Gregg Kite  
Director of Production  
SCA Consulting Engineers  
Houston, Texas

## Structural engineers and drafters are discovering new ways to do their work and stay competitive.

### Anticipate Industry Trends

BIM. Integrated Project Delivery. Globalization. Design to fabrication. Today's structural engineering professionals face sweeping changes, but what does it all mean for your firm? Structural engineers, designers, and drafters are creating ever-more productive ways of working, and they need tools to quickly coordinate design and documentation with multiple analyses.

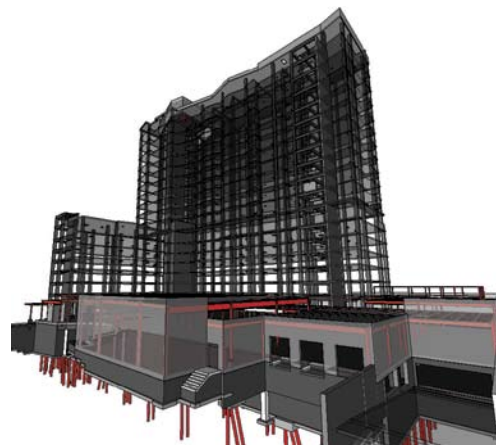
Autodesk offers a broad suite of engineering, design, documentation, and collaboration software solutions to help you stay in front of industry trends. Get all the benefits of building information modeling (BIM) for structural engineering, while protecting your investment in software, trained personnel, and design data.

### Accommodate Last-Minute Changes

Structural engineering teams today are spending too much time on repetitive tasks, such as entering the same information for various analysis models and again for construction documents. With continuous pressure to reduce costs and accommodate last-minute changes from architects and building owners, engineering firms must reevaluate how they approach their work and what tools will get the job done most efficiently.

### Explore Design Alternatives

Autodesk structural engineering solutions range from the most advanced design tools—enabling structural engineers to easily explore design alternatives and make changes while the software coordinates those changes throughout the design and documentation processes—to the most widely adopted general drafting and documentation software.



**Revit Structure enables companies to respond to client demand swiftly and efficiently but without adding to their own project overhead.**

—Chris Pembridge  
Associate  
Atkins  
Cardiff, Wales

Revit Structure model courtesy of  
Ericksen Roed & Associates, Inc.

# Choice of Tools

Whether you work in AutoCAD® software, Revit® Structure software, or both, Autodesk Structural Engineering Solutions enable you to adapt workflows for different project and staffing needs.

## Revit Structure

Revit Structure software integrates a multimaterial physical model with an independently editable analytical model for efficient analysis, design, and documentation. Improve coordination with architects who use proven and trusted applications such as AutoCAD® Architecture or Revit® Architecture software. Bidirectional linking to structural analysis software enables accurate model updates, while parametric change management technology coordinates those updates across your documents.

Revit Structure helps you analyze and design all or part of a structure by integrating with a wide variety of powerful analysis and building code design products.

## AutoCAD

Make efficiency a daily part of the job with AutoCAD software. Meticulously refined with the drafter in mind, AutoCAD propels day-to-day drafting with features that increase speed and accuracy while saving time. AutoCAD is interoperable with Revit Structure.

## Collaboration

Meeting client expectations and helping to ensure that projects stay on track and on budget are priorities for every structural engineering firm. However, managing geographically dispersed teams and the hundreds of documents required to successfully deliver a project is a constant challenge. Autodesk helps you meet those challenges.

## Autodesk® Buzzsaw®

This web-based service, delivered on-demand, helps organizations simplify and centralize all project-related documents and information, enabling the successful execution of projects based on timely decisions and accurate information.

## Autodesk® Design Review

Accelerate reviews with the free\* Autodesk Design Review software, the all-digital way to review, measure, mark up, and track changes to building models and complex drawing sets without the original design creation software.

## Autodesk® NavisWorks®

Exploit the full benefit of 3D digital designs and BIM to streamline the workflow process across the organization and beyond. Reduce waste, increase efficiency, and help eliminate change orders to improve quality through whole-project review of all types of models, regardless of file format, size, or source.

Autodesk® NavisWorks® offers products for effective design project visualization, construction simulation, and clash detection and is used by many of the world's leading construction companies, architects, and engineers.



**With Revit Structure, exporting the building information model is easy. For example, you can send out a DWF of shear walls and the client can spin it around and see exactly where the walls are, where the openings are, and how the columns intertwine.**

—David Pluke  
VP of Technology  
Ericksen Roed & Associates, Inc.  
St. Paul, Minnesota

Revit Structure has helped us dramatically improve project coordination. The Autodesk Revit platform absolutely provides us with a competitive business advantage. There's no doubt about it.

—Charles Guerrero  
Vice President  
WSP Cantor Seinuk  
New York, New York

#### **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 purchase. To purchase AutoCAD, Revit Structure, or other Autodesk products, contact an Autodesk Premier Solutions Provider or Autodesk Authorized Reseller. To locate the reseller nearest you, visit [www.autodesk.com/reseller](http://www.autodesk.com/reseller).

To learn more about Autodesk Structural Engineering Solutions, visit [www.autodesk.com/building](http://www.autodesk.com/building).

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\*This product is subject to the terms and conditions of the end-user license agreement that accompanies download of the software.

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