

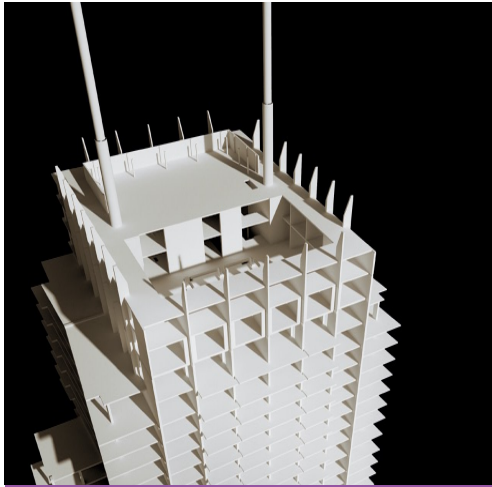


Autodesk®
Structural Engineering
Solutions

Flexible Tools for
Building Business

Autodesk®

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

Industrywide changes are redefining the way structural engineers and drafters do their work, requiring greater flexibility to stay competitive.

Anticipate Industry Trends

BIM. Sustainable design. Complex building geometry. Design-build. Sweeping changes surround structural engineering these days, but what does it all mean for your firm? Structural engineers, designers, and drafters are creating ever-more productive ways of working. Stay competitive with the flexibility to anticipate industry trends. Autodesk offers a broad suite of engineering, design, documentation, and collaboration solutions to help you stay in front of industry trends.

Gain the efficiency, accuracy, and design flexibility of building information modeling (BIM) for structural engineering, and protect your investment in software, trained personnel, and design data with Autodesk.

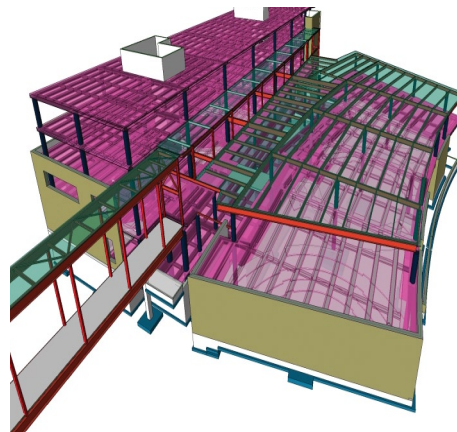
Structural engineering professionals need tools that enable them to quickly and easily coordinate design and documentation with multiple analyses, producing accurate and consistent work.

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 as well as last-minute changes from architects and building owners that must be accommodated, engineering firms must re-evaluate 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® or 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. Create your own models or import architectural files from 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 all or part of a structure by integrating with several industry leading 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 ensuring 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® service, delivered on-demand, helps organizations simplify and centralize all project-related documents and information, enabling the successful execution of your 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, mark up, and track changes to building models and complex drawing sets without the original design creation software.



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

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

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

Autodesk Services and Support

Accelerate return on investment and optimize productivity with innovative purchase methods, companion products, consulting services, support, and training from Autodesk and Autodesk authorized partners. Designed to get you up to speed and keep you ahead of the competition, these tools help you make the most of your software purchase—no matter what industry you're in. To learn more, visit www.autodesk.com/servicesandsupport.

Autodesk Subscription

Ensure competitive advantage by keeping your design tools, and your design skills, up to date easily and cost-effectively with Autodesk® Subscription. Get the latest versions of your licensed Autodesk software, incremental product enhancements, personalized web support direct from Autodesk, and self-paced training options with one annual fee. To learn more, visit www.autodesk.com/subscription.

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 Revit Structure, contact an Autodesk Premier Solutions Provider or Autodesk Authorized Reseller. To locate the reseller nearest you, visit www.autodesk.com/reseller.

To learn more about Autodesk Structural Solutions, visit www.autodesk.com/building.

Cover rendering courtesy of SCA Consulting Engineers.