



## Latest Autodesk Solutions Boost Productivity for Architects and Structural Engineers

August 29, 2006

New Revit Structure 4 and Updated Revit Building 9.1 Streamline Modeling,  
Analysis and Integration

SAN RAFAEL, Calif., Aug. 29 /PRNewswire-FirstCall/ -- Autodesk, Inc. (Nasdaq: ADSK) today announced the immediate availability of Autodesk Revit Structure 4, building information modeling (BIM) software for structural engineering, design and documentation. Revit Structure 4 introduces new advanced analytical tools and makes modeling key structural elements even more intuitive. Autodesk also announced the immediate availability of Autodesk Revit Building 9.1, which has been updated for compatibility with the new version of Revit Structure.

(Logo: <http://www.newscom.com/cgi-bin/prnh/20050415/SFF034LOGO> )

"Autodesk Revit Structure 4 is our fourth release in 15 months, which reflects our ongoing commitment to providing our customers with enhanced software that help boost their teams' productivity -- and contribute to greater profitability," said Jay Bhatt, vice president, Autodesk Building Solutions.

The Autodesk Revit platform, which is comprised by Autodesk Revit Building, Autodesk Revit Structure, and Autodesk Revit Systems, is a complete design solution for building information modeling. BIM is the creation and use of coordinated, consistent, computable information about a building project in design that yields reliable digital representations of the building -- representations used for design decision-making, production of high-quality construction documents, performance predictions, cost-estimating and construction planning and, eventually, for managing and operating the facility. By working together on an integrated building information model, the various firms involved in the design, construction and management of buildings can greatly increase efficiency and significantly reduce coordination errors. Real-time, consistent relationships between digital design data -- with innovative parametric building modeling technology -- provide significant advantages over traditional methods of design.

### Autodesk Revit Structure 4

Revit Structure 4 integrates a physical model with an independently editable analytical model for analysis and design. The latest release helps users more intuitively model a range of physical and analytical structural elements and materials and has direct links with 3D building information models created in Autodesk architectural and mechanical/electrical/plumbing (MEP) engineering applications. In addition, Autodesk Revit Structure is bi-directionally linked to industry-leading structural analysis software, which helps to ensure that analysis results inform building models and design documentation.

New Revit Structure 4 capabilities include:

- Intuitive modeling enhancements for trusses and beams, and the addition of precast concrete, castellated and cellular steel framing families. Trusses and beams, braces and walls are easier to manipulate, while improvements to beam system creation and layout let users generate layouts automatically based on existing beams or non-planar elements such as wall slope.
- Advanced analytical tools for modeling a structure's (or portion of a structure's) boundary conditions, without requiring users to model its supports. A new "auto-detect" setting automatically adjusts the analytical model based on user-defined tolerances in the Structural Settings, for consistent analytical end point connections throughout the model.
- New and enhanced features for reinforced concrete modeling and documentation afford more control and flexibility in display, improved automation of joins and cleanups between elements, and easier reinforcement detailing.

Autodesk Revit Building 9.1 boasts increased support for interoperability and enhanced coordination and quality as it optimizes workflow across the Revit platform.

### AutoCAD Revit Series Provides Road to BIM

As many Autodesk building industry customers move from CAD drafting software to building information modeling, Autodesk's Revit Series products can help these customers gain the competitive advantages of BIM, preserve their current investments and provide the flexibility to move to building information modeling at their own pace. Autodesk AutoCAD Revit Series -- Building 9.1, for architects and designers, and Autodesk AutoCAD Revit Series -- Structure 4, for structural engineering and drafting, combine Autodesk's industry-leading AutoCAD 2007 software with Revit Building 9.1 and Revit Structure 4, respectively, and are available immediately.

### A Complete Portfolio of Software Solutions for the Building Industry

With the right combination of leading-edge technologies, decades of proven industry experience and unparalleled, worldwide services, Autodesk offers the most comprehensive portfolio of products for the building industry. Ranging from the most advanced technology for building information modeling to the most widely adopted design and documentation solutions, Autodesk supports information and management needs throughout the building lifecycle. Building solutions products include Autodesk Revit Building, Autodesk Revit Structure, Autodesk Revit Systems, Autodesk Architectural Desktop, Autodesk Building Systems and Autodesk VIZ.

## Distribution and Availability

Autodesk Revit Structure 4, Autodesk AutoCAD Revit Series -- Structure 4, Revit Building 9.1, and Autodesk AutoCAD Revit Series -- Building 9.1 are available to U.S. and Canadian customers immediately via Autodesk's reseller channel. For availability outside North America, check with your local Autodesk reseller.

## About Autodesk

Autodesk, Inc. is a Fortune 1000 company, wholly focused on ensuring that great ideas are turned into reality. With seven million users, Autodesk is the world's leading software and services company for the manufacturing, building, infrastructure, wireless data services and media and entertainment fields. Autodesk's solutions help customers create, manage and share their data and digital assets more effectively. As a result, customers turn ideas into competitive advantage by becoming more productive, streamlining project efficiency and maximizing profits.

Founded in 1982, Autodesk is headquartered in San Rafael, California. For additional information about Autodesk, please visit <http://www.autodesk.com/>.

Autodesk, AutoCAD, DWF, DWG, and Revit are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

(C) 2006 Autodesk, Inc. All rights reserved.

Contact: Noah Cole, 415-547-2405

Email: [noah.cole@autodesk.com](mailto:noah.cole@autodesk.com)

SOURCE Autodesk, Inc.

Web site: <http://www.autodesk.com>

(ADSK)