



# News Release

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## **LateralWorx 2010 Software and the iLevel Shear Brace Provide Fast, Simple Solutions for Lateral Design and Bracing**

**FEDERAL WAY, Wash., January 19, 2010** – iLevel by Weyerhaeuser and Structural Soft are working together to offer engineers a powerful new lateral design and bracing software tool – LateralWorx 2010 – featuring the iLevel® Shear Brace prefabricated wood shear panel. Developed specifically for wood-framed structures, this versatile program for single- and multi-family homes and light commercial buildings offers engineers significant time savings in calculating lateral loads and designing shear walls. The software’s unique features include its ability to design structures with multiple plate heights and diaphragms within the same floor, and to address difficult shear transfer conditions and plan irregularities. ([www.iLevel.com](http://www.iLevel.com)) ([www.structuralsoft.com](http://www.structuralsoft.com))

With LateralWorx 2010, engineers use a familiar CAD interface to import architectural plans for lateral analysis and design. Design calculations are made based on requirements for wind and seismic loads according to the 2006 IBC and ASCE 7-05. When the design is complete, the program provides a detailed calculation report and exports shear wall layouts and schedules to CAD. Additionally, LateralWorx 2010 incorporates iLevel Shear Brace widths of 12 in, 18 in

and 24 in and heights of 7 ft to 20 ft, providing an excellent solution when loads are high and wall space is limited.

“Very few programs are available today for lateral design of wood buildings and they have significant limitations. Consequently, most engineers still use spreadsheets and manual calculations,” says Sal Akhter, Vice President of Business Development for Structural Soft. “LateralWorx was developed from the ground up specifically for wood buildings, with ease of use and design efficiency in mind. It also helps balance cost and performance by offering multiple design options with just a few clicks.”

According to Ross Theilen, General Manager of Structural Frame Software for iLevel by Weyerhaeuser, “LateralWorx is a strong complement to the iLevel Modus Suite, which includes titles such as Javelin® and Forte® software. We’re excited about the possibilities this software presents to engineers who want to develop more refined lateral solutions and save time doing it.”

“Not only is LateralWorx simple to use,” adds Akhter, “but it’s fast. Calculations that might take hours with other programs and even longer by manual calculations and spreadsheets, can be done in a mere fraction of that time with this new program – complete with shear wall layout plans and schedules.”

### **About iLevel by Weyerhaeuser**

iLevel is Weyerhaeuser’s integrated residential, multi-family and light construction framing business providing seamless, unified building solutions. By offering the most comprehensive and innovative collection of proven structural framing materials, technical support and software in the building industry, and the means to distribute them efficiently, iLevel is leading the structural frame market and helping builders and dealers succeed in today’s challenging business environment. [www.ilevel.com](http://www.ilevel.com).

### **About Weyerhaeuser**

Weyerhaeuser Company, one of the world’s largest forest products companies, was incorporated in 1900. In 2008, sales were \$8 billion. It has offices or operations in 10 countries, with customers worldwide. Weyerhaeuser is principally engaged in the growing and harvesting of timber; the manufacture, distribution and sale of forest products; and real estate construction and

development. Additional information about Weyerhaeuser's businesses, products and practices is available at <http://www.weyerhaeuser.com>.

### **About Structural Soft**

Structural Soft develops industry-leading, state of the art engineering analysis and design software specifically for wood frame residential and light commercial structures. Structural Soft solutions use standards based CAD tools and the latest in Building Information Modeling (BIM) technology to enable quick modeling, efficient design and production of construction documents. Products range from lateral and gravity loads analysis to a complete whole house design platform. [www.structuralsoft.com](http://www.structuralsoft.com).