



Autodesk Enhances Algor Simulation Software Portfolio

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Powerful Fatigue Analysis Helps Improve Durability, Safety of Products

SAN RAFAEL, Calif., Dec 15, 2009 (BUSINESS WIRE) -- Autodesk, Inc. (NASDAQ: ADSK) has announced that Autodesk Algor Simulation customers on subscription will now receive Fatigue Wizard, innovative software that uses a wizard interface to guide designers and engineers of any expertise level through the steps required to perform complex fatigue analysis.

Fatigue Wizard adds extra functionality and ease of use to the Autodesk Algor Simulation line of products -- part of the Autodesk solution for [Digital Prototyping](#) -- helping to bring even the most advanced simulation capabilities to designers and engineers of all abilities. Fatigue analysis is vital for products such as steel rails, beams, girders and rotating stepped shafts that can experience mechanical failure under repeated or varying loads. Fatigue Wizard helps to predict fatigue-based failure and helps users design for durability by subjecting a product to cyclic stresses to determine its endurance limit and thereby increase safety.

Users can easily access Fatigue Wizard functionality through a menu option in Autodesk Algor Simulation products. From there, Fatigue Wizard provides step by step guidance through the process of setting up a fatigue analysis. Users can choose between stress- and strain-based analysis types; specify material information using an extensive, editable database; enter data to simulate real-world conditions, such as local stress concentrations and surface-finish effects; and more.

Fatigue Wizard functionality is available through an Autodesk Subscription Advantage Pack for Autodesk Algor Simulation 2010, one of many benefits for [Autodesk Subscription](#) customers. Autodesk Algor Simulation software's multi-CAD interoperability applies to Fatigue Wizard as well, so users can take advantage of the new fatigue analysis tools regardless of the CAD package they use.

"Fatigue Wizard makes complex fatigue life assessment both achievable and affordable," said Robert "Buzz" Kross, senior vice president, Manufacturing Industry Group at Autodesk. "The benefits of performing durability tests as part of the design process are well known. Fatigue Wizard will help those customers who previously may not have had the skills or budgets to realize these benefits firsthand."

About Autodesk

Autodesk, Inc., is a world leader in 2D and [3D design](#), engineering and entertainment software for the manufacturing, building and construction, and media and entertainment markets. Since its introduction of AutoCAD software in 1982, Autodesk continues to develop the broadest portfolio of state-of-the-art software to help customers experience their ideas digitally before they are built. Fortune 100 companies -- as well as the last 14 Academy Award winners for Best Visual Effects -- use [Autodesk software](#) tools to design, visualize and simulate their ideas to save time and money, enhance quality, and foster innovation for competitive advantage. For additional information about Autodesk, visit www.autodesk.com

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Autodesk, Inc.
Clay Helm, 415.547.2425
Email: clay.helm@autodesk.com
or
Edelman
Alyson Moses, 312.297.7430
Email: alyson.moses@edelman.com