



Autodesk Announces Inventor Fusion Technology

February 4, 2009

SAN RAFAEL, Calif., Feb 04, 2009 /PRNewswire via COMTEX/ -- Groundbreaking New Technology Unites Parametric and Direct Modeling

SAN RAFAEL, Calif., Feb. 4 /PRNewswire-FirstCall/ -- Autodesk (Nasdaq: ADSK) unveiled its plans for Autodesk Inventor Fusion Technology, new Digital Prototyping technology that unites the power and control of parametric, history-based modeling with the ease of use and productivity advantages of direct, history-free modeling.

"Just as manufacturers need both 3D and 2D design tools, we believe manufacturers need the full power of both parametric, history-based modeling and direct modeling," said Andrew Anagnost, vice president of CAD/CAE for Autodesk Manufacturing Solutions. "Customers shouldn't have to make a choice. Inventor Fusion Technology is a unique approach that enables the coexistence of both these modeling approaches within a single digital model."

Only Inventor Fusion Technology delivers bidirectional parametric and direct workflows. This technology provides a powerful solution for companies that need to make rapid changes to a design through direct manipulation, but also have many years worth of feature- and history-based data and design intent that they need to access, use and maintain. This advancement enables users to adopt the modeling approach that is most appropriate to the task at hand.

Using Inventor Fusion Technology, designers and engineers can explore what-if scenarios and make rapid design changes without the limitations of feature order, dependencies or the original 3D CAD system used to create the design.

By removing unnecessary steps for users to capture and express their design ideas, Inventor Fusion Technology redefines ease of use. Context-sensitive, point-of-access tools present only what is needed right at the cursor, thus moving the user's attention from toolbars and dialog boxes and refocusing it on directly manipulating their digital prototypes.

"Many companies are seeking to take advantage of direct modeling in certain situations," said Anagnost. "Meanwhile, parametric, history-based modeling continues to be relevant and important. Inventor Fusion Technology is an exciting new step in realizing the promise of Digital Prototyping, bringing a new level of ease of use and productivity gain to an even broader group of manufacturers."

Autodesk intends to offer a free* download of Inventor Fusion Technology Preview on Autodesk Labs later this year. For more information, please visit www.inventorfusion.com.

About Autodesk

Autodesk, Inc., is a world leader in 2D and 3D design software for the manufacturing, construction, and media and entertainment markets. Since its introduction of AutoCAD software in 1982, Autodesk has developed the broadest portfolio of state-of-the-art Digital Prototyping solutions to help customers experience their ideas before they are real. Fortune 1000 companies rely on Autodesk for the tools to visualize, simulate and analyze real-world performance early in the design process to save time and money, enhance quality and foster innovation. For additional information about Autodesk, visit www.autodesk.com.

Editor's Note:

History-based parametric modeling enables a user to control how a 3D model will respond to a given set of changes by designing with parameters (such as height, depth, thickness and other attributes), creating features that contain design intent, and defining relationships between these features. Direct modeling enables a user to directly create or change the 3D model geometry without requiring parameters, constraints or feature history.

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