



## Algor Upgrades Simulation Tools

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### --Software Offers Expanded Modeling and FEA Techniques and Improved Support for Multiple CAD Tools

SAN RAFAEL, Calif., May 13, 2009 /PRNewswire-FirstCall via COMTEX/ -- Algor Inc, a wholly-owned subsidiary of Autodesk, Inc. (Nasdaq: ADSK), is now shipping new functionality with the latest version of Algor simulation software. Algor is now part of the Autodesk solution for Digital Prototyping, which takes engineers beyond 3D to design, visualize and simulate a complete product with a single digital model.

(Photo: <http://www.newscom.com/cgi-bin/prnh/20090513/SF16599>)

Algor software now offers expanded modeling and finite element analysis (FEA) techniques and improved support for multiple CAD software tools - all within an easy-to-use interface. The software's broad range of powerful analysis and simulation tools, paired with Autodesk Inventor software, the foundation of the Autodesk solution for Digital Prototyping, helps manufacturers increase productivity and competitiveness, speed time to market and reduce costs.

The following new and improved features in Algor V23.1 expand a wide range of analysis and simulation capabilities:

- Improved simulation of multipart assemblies: Users have greater control over how to connect adjacent parts for a wider range of analysis types.
- Increased efficiency when simulating heat transfer: A new library of common convection data includes properties for air and water over a range of temperatures.
- Expanded tools for simulating creep: Users have a broader range of tools for testing high stress levels as well as the effects of long-term stress on a part.
  
- Improved collaboration in a multi-CAD environment: Users can more easily study designs created using Inventor, Solid Edge and SolidWorks as well as CAD geometry stored in ACIS, STEP, IGES and stereolithography files.

"The inclusion of smart bonded contact for heat transfer is great for our multipart assembly analyses," said Algor simulation user Luke McElligott, CEO of Silverarm Ltd. in Exeter, United Kingdom. "We can increase the mesh density on the parts of interest to ensure accuracy while coarsening the mesh in adjacent parts of lesser interest in order to speed up the solution time. Additionally, we have found the improved support for fans in 3D fluid flow analysis to be very useful, allowing us to carry out more detailed flow analysis of HVAC systems."

For more information about pricing and availability, visit [www.algor.com](http://www.algor.com).

#### About Autodesk

Autodesk, Inc., is a world leader in 2D and 3D design software for the manufacturing, building and 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](http://www.autodesk.com).

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