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NEi Works 2.1 for SolidWorks from NEi Software Selected Editor's Pick of the Week by *Desktop Engineering*

Embedded Nastran finite element analysis tool selected by Editor at Large.

DUBLIN, NEW HAMPSHIRE, USA — *Desktop Engineering* (deskeng.com) today announced that version 2.1 of NEi Software's (Westminster, CA) NEi Works, a finite element analysis tool that embeds within the SolidWorks MCAD design solution, was chosen its Editor's Pick of the Week for February 3, 2010.

"NEi Works is one smart tool for any SolidWorks user who needs to get FEA data to pre- and post-processors," says Anthony J. Lockwood, editor at large for *Desktop Engineering*. "NEi Works is Nastran right smack dab inside of SolidWorks. Only NEi Works is Nastran power that looks and feels like SolidWorks as much as possible, meaning that you do not have to shift gears to operate some unfamiliar application. And, since it's embedded so fully, whenever you make a change to your SolidWorks model, all the loads, boundary conditions, and meshes change too."

"Version 2.1 makes the associativity between model and analysis more robust, flexible, and quicker," adds Lockwood. "A bunch of new element types are introduced in 2.1. You also get the ability to create factor of safety contour plots based upon Von Mises and Maximum Principal shear stress theories."

"NEi Works 2.1 is smart and powerful software," concludes Lockwood. "You'd do yourself right by getting yourself some smarts about it."

To read the full *Editor's Pick of the Week*, go to "[NEi Works 2.1 Debuts at SolidWorks World](#)."

Desktop Engineering magazine, which is published monthly by Level 5 Communications, is an industry-leading media brand covering hardware and software engineering solutions for the manufacturing, medical, automotive, aerospace, consumer electronics, process, and other industries. Its readership of 63,000 is 100-percent involved in upfront design processes. *Desktop Engineering's* website, deskeng.com, is a valuable resource updated regularly with breaking news from the global engineering, design, and manufacturing industries.

"*Desktop Engineering* covers MCAD, simulation and analysis, reverse engineering, and rapid technologies for design engineers and engineering management," said Steve Robbins, executive editor. "We focus on computer technologies that enable 3D modeling and simulation."

"Each issue of DE offers news updates, hardware and software reviews, articles, and in-depth coverage of rapidly evolving industries," Robbins added. "DE delivers information that increases ROI and helps shorten time to market. Whether engineers are working on the latest aerospace project or an industrial designer is creating a new cell phone, DE provides solutions to their day-to-day challenges."

For more information about daily news updates, monthly updates from the magazine, and advertising opportunities, contact:

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