

Press Release



Noran Engineering Rolls Out NEiWorks® Finite Element Analysis for SolidWorks®

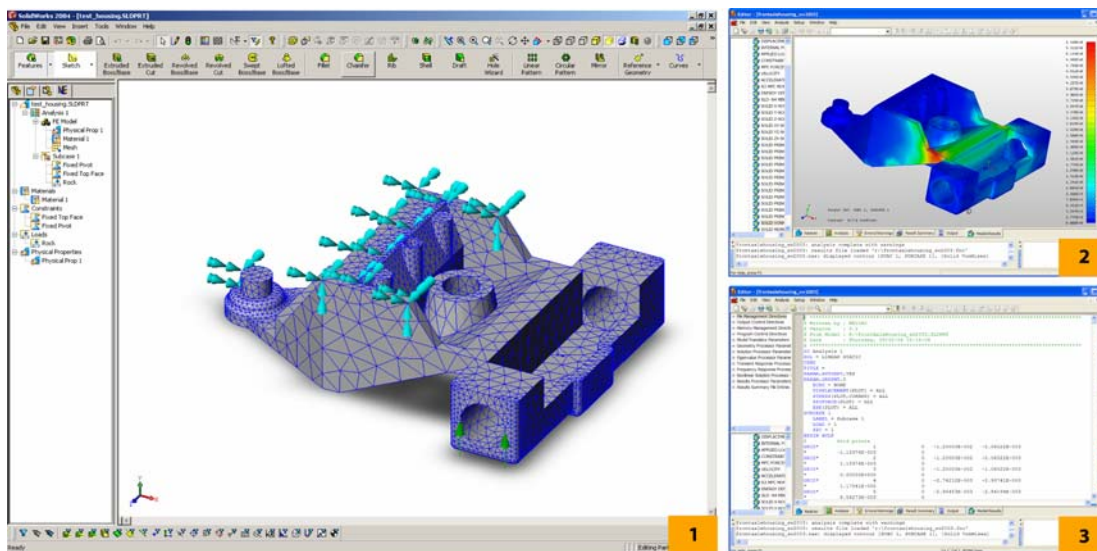
NASA Tech Briefs selects NEiWorks as a finalist for Product of the Year

Westminster, CA. December 1, 2004. Noran Engineering, Inc., a major developer of engineering analysis software announced it is shipping its new product NEiWorks®, an embedded Nastran finite element analysis (FEA) tool for SolidWorks®. *NASA Tech Briefs*, an industry trade magazine, recognized NEiWorks as its Product of the Month and placed it as a finalist in its Product of the Year competition.

NEiWorks is a design analysis tool fully integrated within the SolidWorks® 3D modeling environment. A major selling feature is that NEiWorks® can work with any Nastran FE solver, including NEiNastran, NX/NASTRAN or MSC.Nastran. This makes NEiWorks® the first design analysis tool that offers upward and downward compatibility with industry standard solvers. This breakthrough will allow designers to send usable data directly to analytical engineers. This will improve product design communication and remove barriers between designers and analysts within a company, as well as, with their customers, suppliers and partners.



“We have built a solid reputation for customer driven solutions with NEiNastran and we have carried that tradition forward with NEiWorks®,” said Tony Abbey, Technical Director. “We intend to impress Design Engineers with the ease of use and power of this tool. The concept and layout is a direct result of focusing on what Design Engineers have told us they need, combined with our many years of experience in FE Analysis.



NEiWorks not only gives SolidWorks designers easy-to-use embedded FE analysis (1 and 2) but is unique and forward looking in its ability to share this data with the world of NASTRAN analysts (e.g. NEi, NX, MSC) via the Bulk Data File (3).

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SolidWorks® users will be excited about the unique approach we have taken in giving them a comfortable and familiar environment which harnesses the power, reputation and compatibility of Nastran.”

“This breakthrough product is tightly integrated with SolidWorks® so the analysis data is seamlessly updated when geometry is changed” commented Sisira Jayasinghe, Director of Software Development. “The state-of-the-art finite element mesh generation and display technology are used with an innovative user interface to assist the designer and the analyst alike. The ability to create solid and surface elements in the same mesh sets NEiWorks®, apart from all other design analysis tools.”

David Weinberg, CEO, noted that “Early in development, one thing became abundantly clear: the technology to simplify the analysis process for design engineers lies in the user interface. The missing link was an interface with the many industry standard solvers. NEiWorks® is the only design analysis tool that clearly protects the investment of Nastran users. Moreover, it enables SolidWorks® designers to communicate directly with FE analysts.”

About Noran Engineering, Inc.

Noran Engineering (NEi) leads the engineering software industry with high-end analysis tools priced for wide scale use and backed by an outstanding reputation for technical support. Its core product, NEiNastran, performs structural, dynamic, and heat transfer finite element analysis (FEA) on very large, complex models while requiring only modest hardware resources. Of significance to today’s market, Noran Engineering is extending analysis capabilities to designers with products like NEiWorks® for SolidWorks®. NEi offers a complete suite of analysis software: linear and nonlinear statics, dynamics, heat transfer, fluid flow, fatigue, and optimization. To the astute CAE Manager, this means NEiNastran is a contemporary, adaptable, and budget friendly software platform on which to base their company’s analysis and product development needs. Since its launch in 1991, NEiNastran has developed a diverse user base including aerospace, automotive, maritime, military, medical, and consumer product industries. NEi software runs on Windows, Linux, and UNIX platforms in both stand-alone and networked configurations.

For a demonstration of how NEi can solve your analysis problems and meet budget constraints contact Noran Engineering, Inc. at 1.877.Nastran (U.S.), 1.714.899.1220 (U.S. and Int’l), info@noraneng.com, www.NENastran.com.

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