

NEi Fusion V1.4 Release Provides Designers with Easy-to-Use, Industry Proven Nastran Simulation

Westminster, CA. September 17, 2008. NEi Software (NEi), a leading developer of Nastran finite element analysis (FEA) software, announced the release of NEi Fusion V1.4. NEi Fusion is an engineering simulation software package that combines 3D parametric solid modeling with Nastran FEA solvers. Typical users include CAD designers, engineers new to FEA, companies that need an affordable way to add Nastran capabilities, and FE analysts who would like to add a pre post tool with a 3D CAD orientation. NEi Fusion's V1.4 release adds 64-bit support along with enhancements to meshing capabilities, material library, load and boundary conditions, and post processing displays. A detailed description of the new features and enhancement is at www.nenastran.com/NEiFusion_v14. The release builds on an existing platform intended for design-stage needs with features like associativity of FEA and CAD data, extensive 3D CAD tools for easy model creation, and a Report Generator. In addition, NEi Fusion includes a number of highly sophisticated simulation tools specifically configured to meet the budget and ease-of-use considerations at the CAD design stage. Examples include: Automated Impact Analysis (AIA™) for drop testing, Optimization Analysis, Automated Surface Contact Generation (ASCG™), and Composites Analysis. A full description of NEi Fusion along with a 90-second video is at www.nenastran.com/NEiFusion.

Dave Weinberg, CEO of NEi Software, summarized the role of NEi Fusion, "Everyone recognizes the need for design to be faster, more innovative, and lower cost. For product development managers, NEi Fusion helps accomplish that. NEi Fusion with Nastran replaces the guesswork and make-and-break methodology that consumes so much time and money in prototypes, testing, and redesign with a simulation solution that is affordable and professional."

In addition to covering the different needs of each stage of the product development process, NEi's software portfolio provides comprehensive coverage of the full range of analyses types. Product development professionals gain technical insight with images, contour plots, graphs, and animations of linear and nonlinear structural stress, deformation, dynamics, vibration, impact, thermal, heat transfer, and fluid mechanics simulations.

About NEi Software

NEi Software is a global supplier and innovator in engineering analysis, simulation, and virtual test software. The core product NEi Nastran is a powerful, industry-proven finite element analysis (FEA) solver that works with a wide portfolio of pre and post processors including Femap® by Siemens PLM Software, in-house brands NEi Fusion™ and NEi Works™ for SolidWorks®, and other major industry brands. The website features case studies in aerospace, automotive, maritime, petroleum, military, medical, composites, and consumer products, as well as, demonstration videos, webinars, tutorials, and options for evaluation.

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