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NE/Nastran Enhances their Industry Unique Editor with New Features

Direct customer involvement drives enhanced capability development for Noran Engineering's NE/Nastran V8.2 editor.

LOS ALAMITOS, CA, December 10, 2002 — Noran Engineering, Inc. (NEi) a world-wide leader in advanced FEA software today announced that The NE/Nastran Editor has been packed with new features developed in cooperation with its diverse community of users.

"The editor has always been one of the most unique and powerful features of NE/Nastran and these recent upgrades advance the product to an entirely new level" Said David Weinberg, CEO and President of Noran Engineering. "There is nothing like it on the market today and users all agree that it enhances productivity and the overall understanding of any type of analysis."

The majority of improvements have come at the request of customers, making a more user friendly and powerful program. A new tab has been added that shows Real Time 3D rendered graphics for displaying deformed and contour stress plots. Users can instantly see their results without bringing them into a post-processor. Automatic intermediate results are also available while the model is running allowing users to see the actual deformations and stresses as the solution progresses.

Additional Features include:

- Real time XY-plot output of maximum vector results, in nonlinear solutions
- Ability to change NL static and transient solution parameters while an analysis is running
- Analysis runs can be terminated on the displacement of a node
- Ability to generate sensitivity studies for shell, beam, & bar elements allowing simple optimization runs
- Adjustable formatting of XY-plots including font size, gridline scaling, titles, etc
- Multiple analysis queue support
- Graphical status bar showing real time nonlinear convergence status
- Enhanced context sensitive help to reference data for all bulk data entries, warnings, and errors
- Ability to bookmark lines in the bulk data file to aid in the navigation of large bulk data files
- Automatically convert CQUAD8/CTRIA6 elements to CQUAD4/CTRIA3 or CQUADR/CTRIAR

ABOUT Noran Engineering, Inc.

Noran Engineering Inc. is a world-wide leader in CAE. Established in 1991 Noran Engineering Inc. (NEi) was created with the idea of bringing a true Nastran analysis tool from the mainframe to the desktop. Our flagship product NE/Nastran accomplished that goal. Twelve years later Noran Engineering Inc. continues to lead the competition by improving and enhancing the software's unique blend of power, ease-of-use and cost effectiveness. Noran Engineering, Inc. is aggressively focused on commitment to the customer and continuous software development. For a FREE evaluation copy, additional product information or to order NE/Nastran V8.2, call toll-free at (877) NENastran or visit us online at www.NENastran.com

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