



ATA Engineering, Inc.

Innovative Solutions Through Test
and Analysis-Driven Design



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May 5th, 2015

What's New in Femap v11.2



Additional Enhancements

- Mid-Surface Extend tools (Geometry > Solid > Extend)
- Project Curves and Points on Surfaces
- Various commands now work with Non-Manifold Bodies
 - New Non-Manifold options increase performance
- Deletion of surfaces on a solid results in a stitched sheet solid
- Contact Manager
 - Performance increase when writing or expanding connection regions
- CBUSH Orientation and Offset options
- Element Normal update
- Multiple Tets Thru Thickness

What's New in Femap v11.2

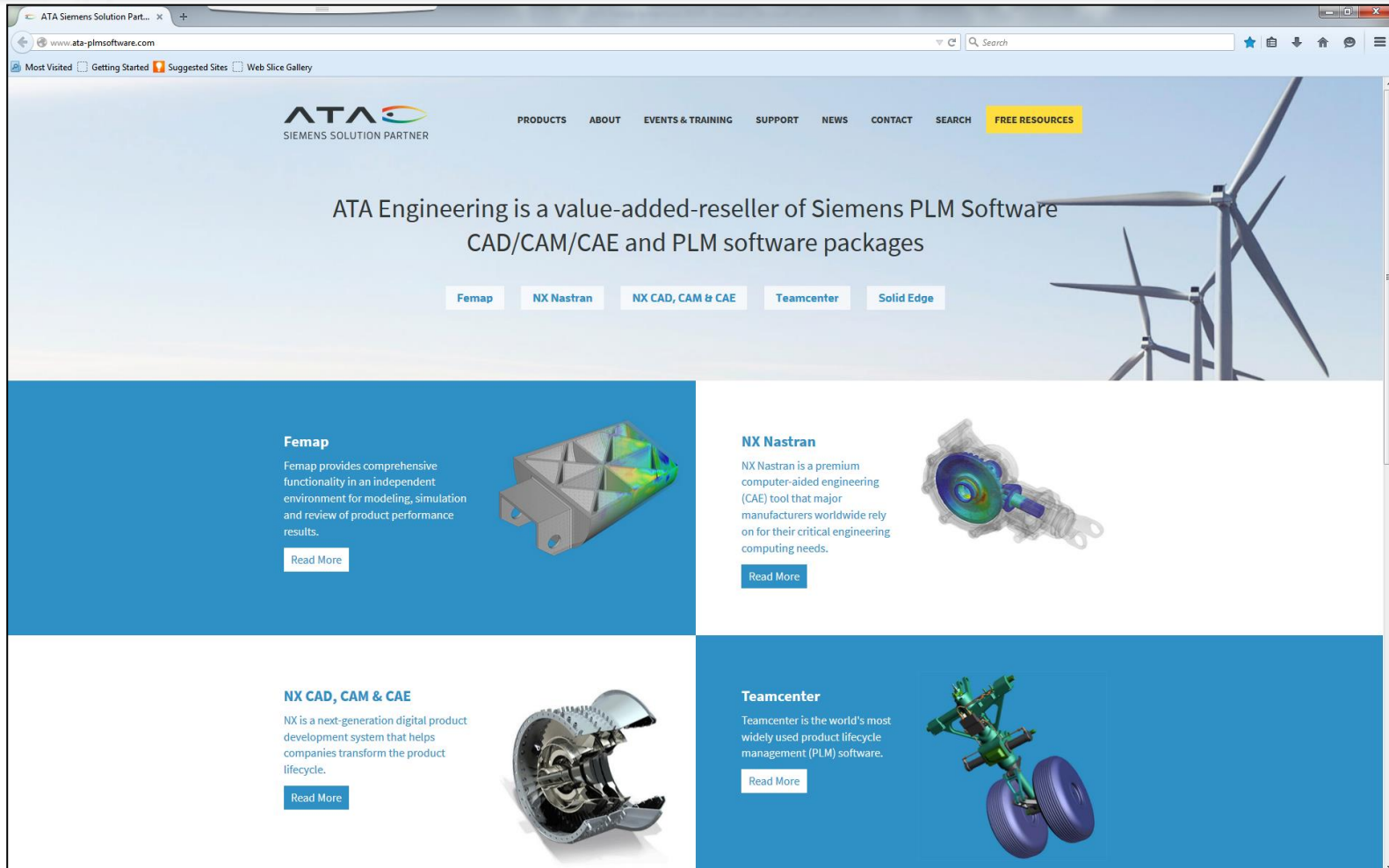


Additional Enhancements (Cont.)

- Solver support
 - MSC Nastran
 - Contact
 - NX Nastran
 - Ansys
 - LS-Dyna
- Performance Graphics now includes CS, material direction, point elements and line elements
 - Performance increase of up to 80x when dynamically rotating
- Fixed Spaceball freeze issue

Complete documentation in your installation folder:

[..\Femapv112\pdf\newfeat.pdf](#)



The screenshot shows the ATA Engineering website. The browser address bar displays 'www.ata-plmsoftware.com'. The website header includes the ATA logo (ATA Siemens Solution Partner) and a navigation menu with links for PRODUCTS, ABOUT, EVENTS & TRAINING, SUPPORT, NEWS, CONTACT, SEARCH, and a highlighted 'FREE RESOURCES' button. The main content area features a large banner with the text: 'ATA Engineering is a value-added-reseller of Siemens PLM Software CAD/CAM/CAE and PLM software packages'. Below the banner are five buttons: 'Femap', 'NX Nastran', 'NX CAD, CAM & CAE', 'Teamcenter', and 'Solid Edge'. The page is divided into four sections, each with a product description and a 'Read More' button:

- Femap**: Femap provides comprehensive functionality in an independent environment for modeling, simulation and review of product performance results.
- NX Nastran**: NX Nastran is a premium computer-aided engineering (CAE) tool that major manufacturers worldwide rely on for their critical engineering computing needs.
- NX CAD, CAM & CAE**: NX is a next-generation digital product development system that helps companies transform the product lifecycle.
- Teamcenter**: Teamcenter is the world's most widely used product lifecycle management (PLM) software.

ATA Technical Support Hotline

877-ATA-4CAE **877-282-4223**



ATA Hotline is staffed by subject-matter expert engineers who use the Siemens tools every day (8AM Eastern – 5PM Pacific), many of whom have extensive experience with our customers' methods, processes, tools, etc.

You can expect to be connected directly to support staff who can usually address your question at the time you call.

When needed (usually having to do with license issues), ATA can also help connect you to Siemens GTAC support. **Siemens asks that you contact our hotline first, before calling GTAC.**

ATA also has a direct connection to the Siemens development team and can engage them when the issue may involve a bug or needed enhancement.

You can also reach the hotline online at <http://www.ata-plmsoftware.com/support/>

Download Femap v11.2



If you're current on Maintenance:

- Download the software (requires Webkey):
 - <https://download.industrysoftware.automation.siemens.com/>
- Download license files (requires Webkey):
 - <https://www2.industrysoftware.automation.siemens.com/LicenseManagement/Application>
- If you do not have a Webkey account, go to
 - <https://plmapps.industrysoftware.automation.siemens.com/webkey/>
 - Use your Sold To and Host ID to create one

If you're not current on Maintenance:

- Contact me

Questions?

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