

NX CAD

Next-generation design technology

NX from Siemens PLM Software delivers next-generation design tools and technologies that help companies transform product development. Leading-edge design tools work in the context of the total development effort, fully integrating design with the other disciplines that bring products to market in a unified, managed environment.

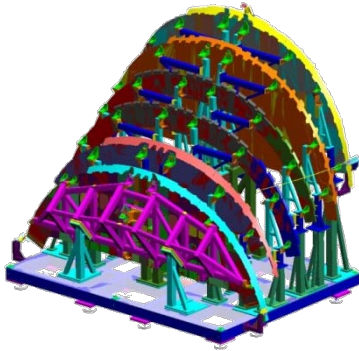
NX design tools are superior in power, versatility, flexibility and productivity. From innovative Synchronous Technology that unites parametric and history-free modeling to NX Active Mockup for multi-CAD assembly design, NX delivers breakthrough technology that set new standards for speed, performance, and ease of use.

Industrial Design & Styling

Trung tâm Đào tạo CAMMECH
Package Design

Mechanical Design

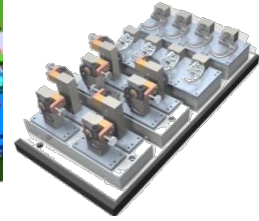
Tooling & Fixture Design



Aerospace Fixtures



Automotive Fixtures



Machining Fixtures

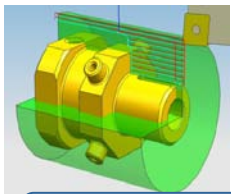
Electromechanical Systems Design

Trung tâm Đào tạo CAMMECH

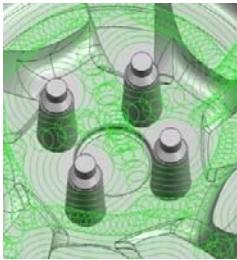
NX CAM

- *process specific applications for manufacturing*

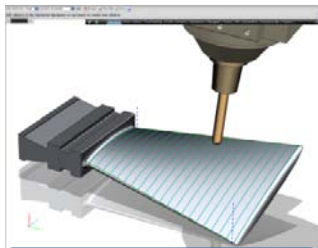
Advanced technology in NX tooling solutions automates and accelerates the development of molds, dies, and fixtures for higher quality, lower cost and faster turnaround. For machining, NX delivers the range and depth of CAM performance that maximizes returns on investments in advanced machine tools. Linked with proven data and process controls, NX helps companies manage information to improve productivity and collaboration in manufacturing operations.



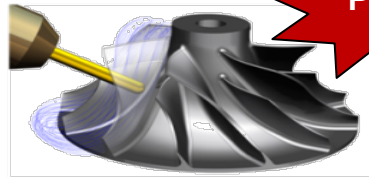
Turning



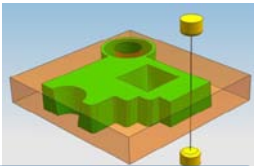
High Speed Milling



2- 5 Axis Milling

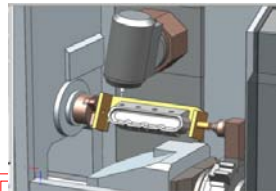


Turbomachinery Milling

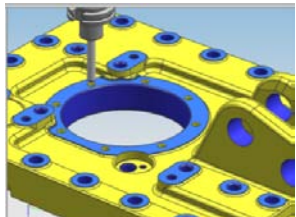


Wire EDM

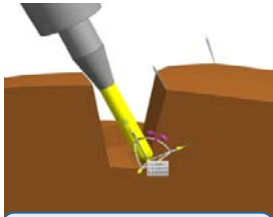
g tâm Đào tạo CAMMECH
NX – NC programming, machining simulation
– ALL in one system



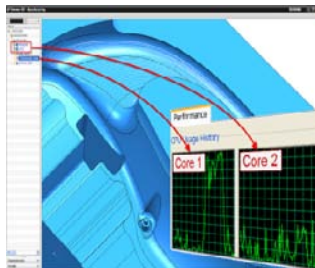
Machine Tool Simulation



Feature Based Machining



Interactive Tool Control



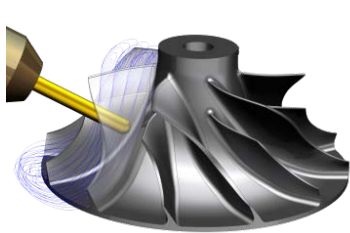
NC Parallel Processing



Post Processing

The Value of NX Turbomachinery Milling

- Automated NC programming
- Specialized NC programming operations
- Supporting NX capabilities
 - Work with imported geometry
 - G-code driven simulation
 - Associative design changes
- Faster and easier than generic 5-axis

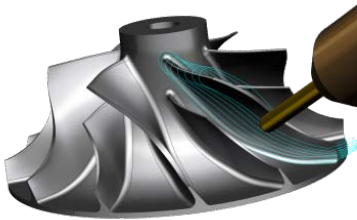


Blade Roughing



Rest Milling

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**Blade / Splitter
Finishing**



Hub Finishing

- Complex NC programming up to 90% faster
- Easier for less expert programmers

NX CAE

NX Nastran is a standalone solution for the extended enterprise. Typically running on networked server CPUs, NX Nastran supports multiple users, multiple sites and/or multiple finite element pre- and post-processing applications, whether supplied by Siemens PLM Software or other CAE solution providers.

NX Nastran is ideal for customers who need a single flexible, robust and cost-effective finite element solver solution that is able to support a wide range of product performance simulation processes. It provides a high degree of interoperability with a large number of CAE applications and ensures a common simulation backbone across a wide variety of user needs and throughout the entire digital prototyping process. This ensures that all digital simulation results are consistent and readily accessible to all CAE users within an enterprise with the minimum of analysis re-work. Pursuant to this agreement, Siemens offers these NX Nastran solutions:

Trung tâm Đào tạo CAMMECH