

## NX

### Integrated CAD, CAM, and CAE Software for Advanced Product Design

Siemens NX enables faster and more efficient product development than ever before.

With a next-generation solution for design, simulation, and manufacturing, NX empowers companies to fully realize the Digital Twin.

Engineered for high performance, NX combines advanced simulation and manufacturing capabilities, allowing teams to design, validate, and optimize complex products faster—ensuring data integrity, reducing time-to-market, and delivering superior quality.

### Why Choose NX for Industrial Product Development

#### All-in-One product development

NX unifies CAD, CAM, and CAE tools within a single platform, providing an integrated environment for product development. This enhances collaboration, reduces errors, and streamlines the workflow from concept to production.

#### Advanced simulation and validation

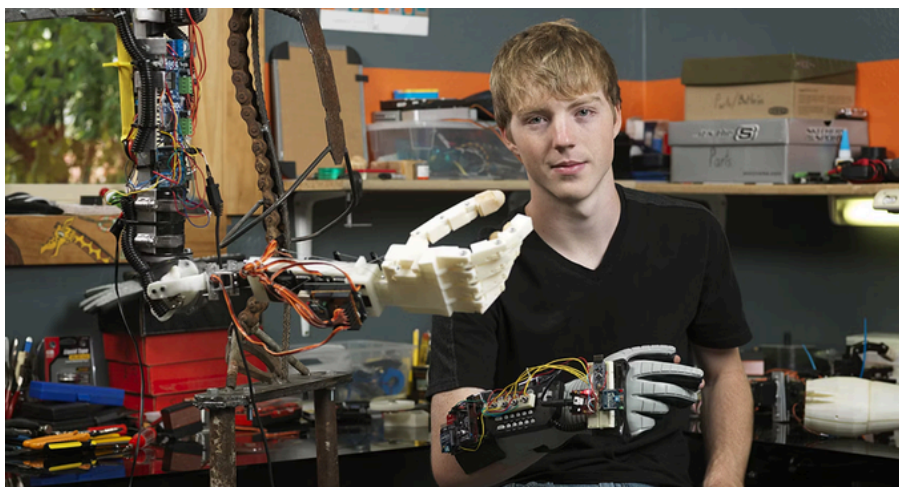
Simulate and verify products directly within the design environment. Early detection and resolution of potential issues lead to higher product quality and fewer costly revisions.

#### Seamless PLM Integration

NX is tightly integrated with Siemens' Teamcenter PLM system, ensuring efficient product data management, improved collaboration, and consistent data across distributed teams.

#### Customizable and Scalable

NX scales to fit the needs of companies of all sizes. Flexible licensing and personalization options allow businesses to tailor the solution to their specific processes and requirements.



NX is a powerful and flexible software solution that helps you deliver better products, faster—through next-gen design and manufacturing tools built around the Digital Twin.

## NX for Mechanical Design

The Siemens NX suite offers the features, performance, and tools needed to bring products to market faster than ever.



Create and manage assemblies of any size or complexity with powerful CAD assembly design tools. Support for both top-down and bottom-up design methodologies enables efficient management and collaboration across engineering teams.

- **Manage large and complex assemblies.**
- **Easily control design changes** with tools for configurations, options, and variants.
- **Design in the real-world context** of product usage.
- **Validate designs and resolve issues** using the Digital Twin.

## NX for Mold Design

Accelerate mold design and manufacturing—key elements in the development of many industrial products.



NX by Siemens is the right choice to tackle all mold-related challenges:

- Analyze product geometry from any standard CAD file
- Generate core and cavity designs
- Configure the complete mold structure
- Validate mold design and manufacturability
- Reuse corporate knowledge and design standards
- Enable fast propagation of mold design changes