SIEMENS

Ingenuity for life

Siemens PLM Software

NX Cloud Connected Products

Next-generation flexibility for product design

siemens.com/nx

NX Cloud Connected Products provide the next generation of flexibility to get your world-class products to market faster than ever before. Organizations who need to scale up resources quickly can utilize the flexibility of NX Cloud Connected Products.

Core Designer
Advanced Designer
Mold Designer
Scan to Part
Drafting and Layout

NX Cloud Connected Products

NX Cloud Connected Products deliver the high-performance CAD capabilities of NX™, the leading solution for product design. Take advantage of the many features, tools and functionality found in NX with the flexibility of a software subscription. The purchase, download and installation process has been streamlined to get you up and running faster than ever before. Rather than a large up-front investment in a perpetual license, Cloud Connected Products provide the option to purchase an annual or monthly subscription. Flexible cloud-connected licensing and automatic updates make it easy to manage NX use in your organization, reducing IT and maintenance expenses.

NX is the best-in-class MCAD software for mechanical design of components and assemblies, with tools including solid modeling, freeform modeling, Convergent Modeling™, sheet metal design, mold design and drafting. It also includes tools for reverse engineering, design review, design validation, rapid prototyping, web publishing, re-use library and custom program execution.

Flexibility of cloud-connected licensing

Companies who need to scale up design resources quickly can utilize the flexibility of NX Cloud Connected Products to meet their needs. With a streamlined Siemens store purchasing process, subscription management and product activation, businesses can quickly and easily increase or decrease the number of NX users with a few clicks of the mouse.

Advantages

- Low and predictable capital investment
- Flexibility to increase and reduce number of users based on demand
- Streamlined product acquisition, download, installation and activation
- Scalable and reliable

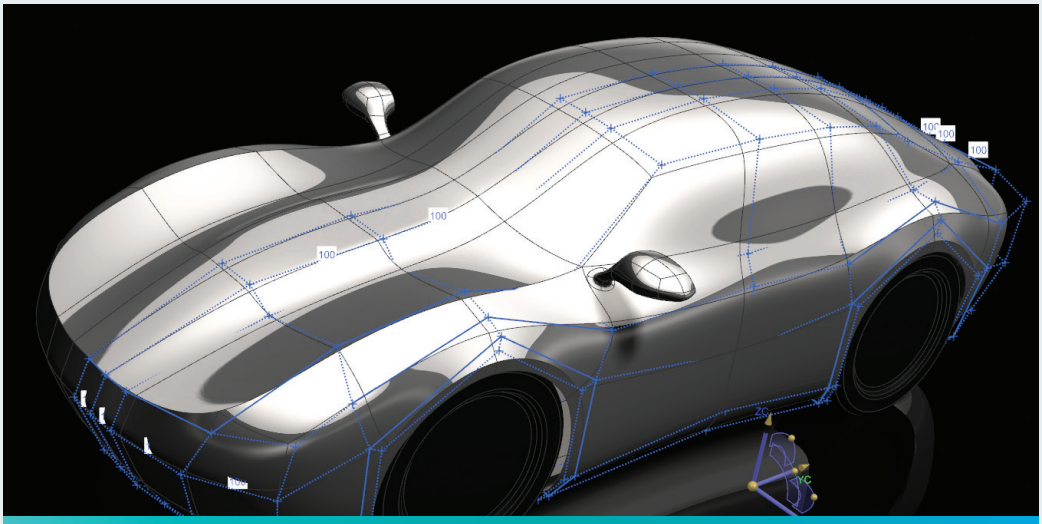
Deliver products to market faster

With the adoption of NX, MET reduced its 12 to 14 month development cycle to under eight months.

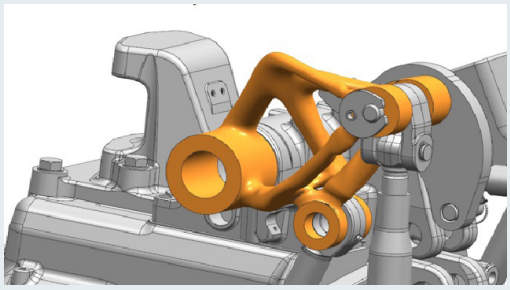
"Before the adoption of NX, our development cycle took 12 to 14 months; with NX, we've reduced our development cycle to six to eight months. This is a significant result, not just because costs have been cut proportionally, but mostly because the capacity of our product development department has increased to such an extent that we can create an additional model each year."

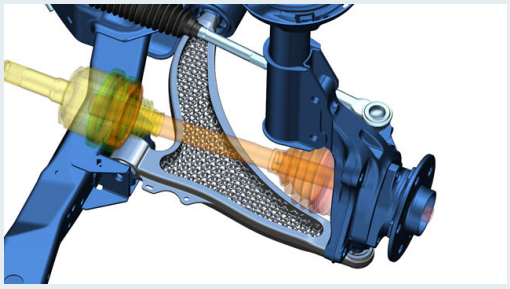
Matteo Tenni
Product Engineer
MET

Design, build and launch world-class products



Bring your products to life with NX Cloud Connected Products.





Siemens PLM Software community network

Taking engineering education and training to the next level.

Have a question about NX? Want to interact with other NX users? The NX Design forum facilitates collaboration among engineers, designers, administrators and users to help answer questions and share lessons learned. It's an easy way you can get help from or give help to your fellow NX software users and expand your network of resources. *https://community.plm.automation.siemens.com*

NX Cloud Connected Products

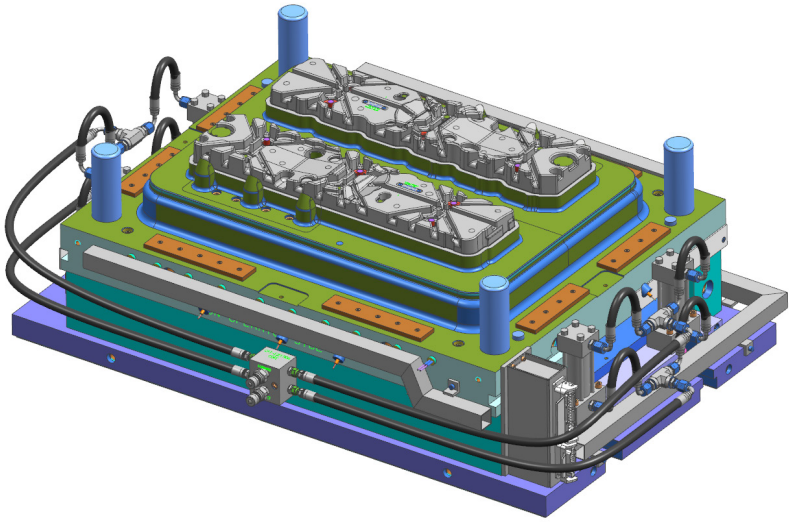
Core Designer
Develop world-class products using powerful NX design capabilities, including solid part modeling and assembly modeling. Core Designer features sheet metal, freeform, and convergent modeling design tools as well as the flexibility of synchronous modeling technology to eliminate traditional design constraints.

Advanced Designer
Develop world-class products using advanced NX design capabilities. Advanced Designer features all of the functionality of Core Designer with more advanced sheet metal, freeform, and convergent modeling design tools. It also includes routing, shaping, and surface analysis tools. CAD industry standard format translators are included, as well as the capabilities to run a variety of automated applications.

Mold Designer
Streamline the entire mold development process to shorten lead times and control costs by using step-by-step guidance for mold part design, tool assembly layout, tool design, and tool validation. Excel at the most challenging mold designs with process automation while adhering to industry best practices.

Scan to Part
Use reverse engineering tools to leverage imported scanned 3D data in your design process. NX imports polygon facet data directly from scanning physical objects, so there is no need to map surfaces, create solids, or manually re-create geometry. Advanced convergent modeling technology also allows designers to combine facets, surfaces, and solids in one model without converting data. CAD industry standard format translators are included, as well as the capability to run a variety of automated applications.

Drafting & Layout
Use drafting tools to create engineering drawings from 3D models to communicate your 3D designs. Use layout tools to create 2D conceptual design layouts using familiar NX sketch tools and quickly explore design concepts in 2D to accelerate your product design process.



	NX Cloud Connected Products				
Feature	Core Designer	Advanced Designer	Mold Designer	Scan to Part	Drafting & Layout
Translators/Interfaces					
IGES and DXF/DWG	•	•	•	•	•
2D exchange	•	•	•	•	•
STEP AP203/214			•		
Rapid prototyping	•	•	•	•	
Solid Edge open/save as	•	•	•	•	•
SolidWorks open/save as	•	•	•	•	•
Design licenses					
Solid and feature modeling	•	•	•	•	
Synchronous technology	•	•	•	•	
Core convergent modeling	•	•	•	•	•
Drafting					•
NX layout					•
Assemblies	•	•	•		
Freeform modeling basic	•	•	•	•	
Freeform modeling advanced		•	•	•	
Advanced convergent modeling				•	
NX sheet metal	•	•	•		
User defined features			•		
Advanced assemblies		•			
WAVE control		•			
Advanced sheet metal		•			
Industry specific					
Routing base		•			
Mold Wizard			•		
Industrial design					
Freeform shape		•		•	
Realize shape				•	
Advanced surface analysis		•		•	
Validation					
Optimization wizard		•			
Molded part validation			•		
HD3D visual reporting OOTB reports	•	•	•	•	•

About Siemens PLM Software
Siemens PLM Software, a business unit of the Siemens Digital Factory Division, is a leading global provider of software solutions to drive the digital transformation of industry, creating new opportunities for manufacturers to realize innovation. With headquarters in Plano, Texas, and over 140,000 customers worldwide, Siemens PLM Software works with companies of all sizes to transform the way ideas come to life, the way products are realized, and the way products and assets in operation are used and understood. For more information on Siemens PLM Software products and services, visit www.siemens.com/plm.

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