



Leading CAD | CAM | CAE | PLM Products  
from leading support providers...

## Product overview

### NX Range of Products

#### NX Styling

Reverse engineering | Rapid 3D shape development | Curve & surface tools | Automotive Class A | Downstream integration

#### NX Design

Workflow-driven user interface | Hybrid modeling for design freedom | Multi-CAD | Large assemblies | Integrated validation | NX Simulation | Real-time - Powered by NX Nastran | Visual - Automated model generation & meshing with simulation workflows | Managed - Open Simulation Framework

#### NX Tooling

Mold Wizard | Part validation | Progressive Die Wizard | Jig and fixture design | Sheet metal stamping | Integrated with machining

#### NX Machining

Mold & die manufacturing | Feature-based & multi-axis machining | Simulation & verification | Turning, EDM & milling | Post processing | Shop documentation

### Teamcenter Products

TeamCenter Express | TeamCenter Engineering | TeamCenter Enterprise | TeamCenter Visualization | TeamCenter Community | TeamCenter Projects | TeamCenter Manufacturing

### Tecnomatix

Process Planning | Line Balancing | Press line validation | Assembly Validation | Automation Programming | Robot programming | Resource management | Factory design & analysis | Factory Simulation | Material Handling | Human simulation | Ergonomics & Time analysis | Quality data management | Regulatory compliance | Manufacturing

### Velocity Series

#### Solid Edge

Focus on 2D to 3D transition | Scalable design management | Part & assembly design | Process & industry applications | Production drafting | Stream XP usability

#### NX CAM Express

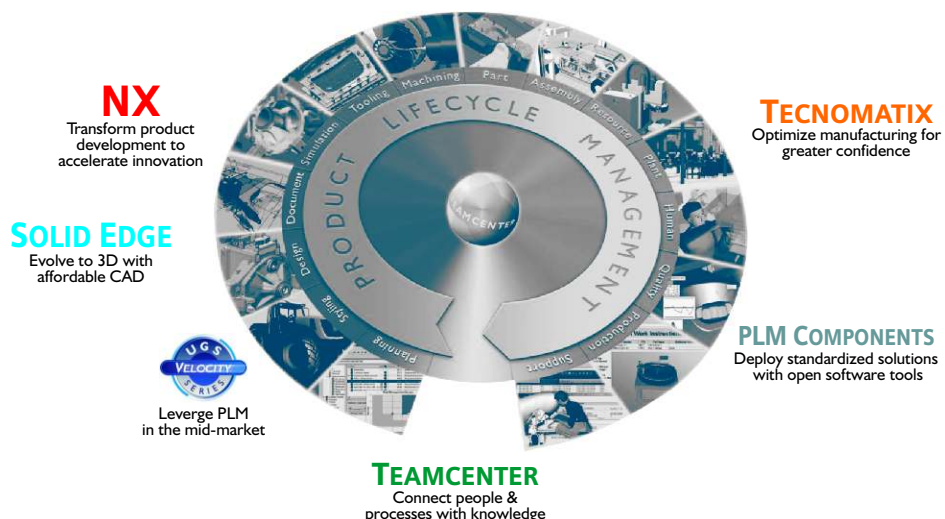
Modular, CAD-neutral Pre-configured for industry best practices | High-speed machining support | 5-axis & multi-function machine tool programming | Feature-based machining

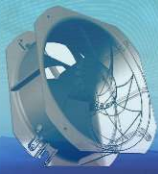
#### FEMAP Express

High performance Finite Element Analysis (FEA) modeling | Windows-native ease of use | CAD independent – Parasolid | Solver independent – high-level NASTRAN integration

#### Teamcenter Express

Easy-to-use, pre-configured cPDM | Search & retrieval with check in/out | Friendly configuration management | Embedded visualization | Best-practice workflow processes | Multi-CAD support





When CAD/CAM/CAE/PLM is implemented by Expert 3D... you get a lot more...



**Expert 3D**

### Have you evaluated advantages of 3D modeling?

- Visualization: Complete engineering communication!!!
- Validation: 2D & 3D: Manufacturability, Inspection & Assembly validation
- Right the first time: No mistakes on the shop floor
- CAM: Use of 3D CAD model to ensure manufacturing accuracy
- CAE: Analysis of motion, stress, thermal, etc... Get rid of field failures
- Marketing: Use photorealistic images of 3D models of your products under production
- Parametric design: Reuse of design knowledge – save drafting and repeated design time
- Non engineering departments: get manufacturing information such as : Product view in 3D, accurate BOM, images, weights, surface area, etc

### Advantage Expert 3D Solutions

Expert 3D Solutions is the synergy formed by the merger of Expert Solutions and 3D Engineering shall deliver added customer benefits such as...

- Enhanced product support service,
- Larger industry experience & increased bandwidth.

### Expert 3D Solutions brings to its customers following advantages-

- Customized Training and Support...
- Trained over 5000 Engineering professionals across the world
- CAD implementation in large variety of industries  
Automotive and Auto Components, Industrial Machinery, Plastic Industries, Sheet metal, Fabrication, Consumer durables, Process plant, Electro-mechanical, Material handling equipment, Forging, Casting, Tire, etc...
- PDM & PLM Implementation Solutions
- Integration of technologies: ERP, CAD, PDM, PLM, etc...
- ISO 9001:2000 certified Services division
- Part of Expert Group with offices in India, USA & Germany
- Customers in services division spread over 20+ countries

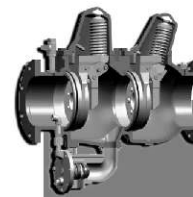
Solution Partner  
PLM

SIEMENS



**NX**

**DIGITAL PRODUCT DEVELOPMENT**  
Design & engineer better products faster...



**TEAMCENTER**

**DIGITAL LIFECYCLE MANAGEMENT**  
Collaborate & innovate more intelligently...



**TECNOMATIX**

**DIGITAL MANUFACTURING**  
Build & support products more efficiently...



**PLM FOR MID-SIZED COMPANIES**

**Expert Global**

An Expert Group company  
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