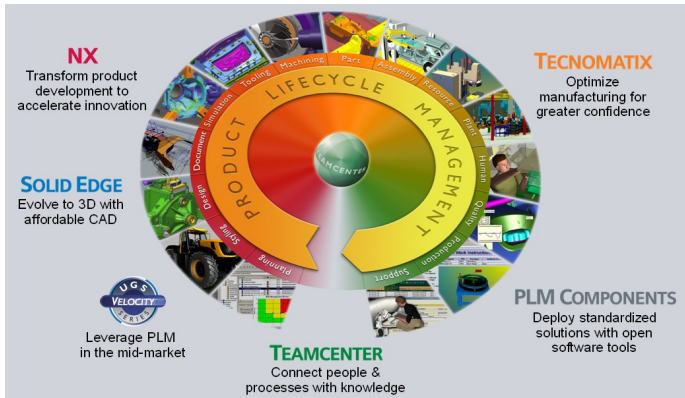


## Sunway S&I is the Regional Distributor for Siemens PLM Software

As the Authorised Distributor for Siemens PLM Software, Sunway S&I works with local reseller partners for the sales, marketing and support of Siemens Product Lifecycle Management (PLM) Software products & services including domain-specific and industry specific solutions, under the following software families:

# SIEMENS

### Siemens PLM Software Solutions Delivering Value Across the Entire Product Lifecycle



- **NX** (previously known as Unigraphics® NX & I-deas® NX Series) – Digital Product Development Solutions – Integrated CAD/CAM/CAE Applications Including *UGS Velocity Series - NX CAM Express* – Advanced NC Programming applications for the mid-market
- **Teamcenter®** - Digital Lifecycle Management Solutions Including *UGS Velocity Series - Teamcenter Express* – Easy-to-use cPDM solutions for the mid-market
- **Tecnomatix** – Best-in-class Digital Manufacturing Applications covering manufacturing engineering through shop floor execution

### Our Services

We offer concept-to-market R&D and engineering solutions & services for product development across verticals. We have strong technical expertise in CAD/CAM/CAE and PDM with hands-on experience in the field of Mould, Tool, Dies and Jigs to provide the industry's best PLM solutions and engineering services to our esteemed customers.

#### 1. Engineering Design & Development

##### Product Design

- Conversion of 2D data into 3D model and analyzing mass & material properties
- Product's Assembly Modeling and Analysis for interference, clearance etc
- Detailing and Drafting of products for manufacturing with tolerances and surface finishes, Assembly layout drawings, BOM creation
- Reverse Engineering - Creation of accurate product models and detailed drawings using CMM and scanning techniques.
- Solidification of complicated 3D models and translating into different cad formats

##### Mould & Die Design

- Concept assembly design of mould, Die, Jigs & Fixtures, BOM creation with raw material sizes.
- Preparing product model for mould or die design like editing critical dimensions and draft etc.
- Mould flow analysis for accurate results for mould filling and product quality.
- 3D Parametric Mould or Die Design and creation of Core, Cavity, Sub-inserts and Sliders etc.
- Detailing and Drafting of mould parts for manufacturing with tolerances and surface finishes, mould assembly layout drawings, BOM creation

##### Mould & Die Manufacturing

- Process Planning of Mould, Die, Jigs & Fixtures manufacturing with latest machining technologies.
- Electrodes Design for EDM operation for plastic injection mould manufacturing.
- CNC programming for mould parts like core, cavity etc and electrodes
- Creation of CNC and EDM setting sheets of mould parts and electrodes
- WIRE EDM operation details and setting sheets if required by mould parts.

## 2. NX Solution Training

Keeping skills sharp is a serious business. Companies that don't take it seriously lack of productivity. But it is very tough to pull people away from work for a week long. To solve these problems, we have tailor-made training programs as per customer requirements. Some of our NX training programs are

- a. NX Advanced Designer training.
- b. NX Associative Parametric Design
- c. NX CAM Programmer Training
- d. NX Design course for experienced Cad User
- e. Ideas to NX transition Course.
- f. NX Mould Designing/Electrode Designing.....and many more as per customer requirements.

## 3. NX Solution CAD/CAM Customization

The Customization includes conversion or modification of the general utility into a specialized, tailor-made application which takes care of routine and repetitive operations making them in an automated manner. S & I provides NX CAD/CAM Customization which adds following values to Customer

- a. Increase productivity, faster designs and minimize errors
- b. Accurate and consistent designs adhering to standards
- c. Ease-of-use, allowing low skilled manpower to handle design load

## 4. NX CAM Post Processor Development

We provide services of post processor customization and development for the following machines

- a. 3 Axis , 4 Axis and 5 Axis Milling
- b. Turning, EDM and Wire EDM

## 5. NX Solution Maintenance and Support

We provide NX solution annual maintenance and support to our esteemed customers. This solution maintenance includes the following major services

- a. Dedicated Application Engineer to Support the solution.
- b. On-site solution support
- c. Solution training, Solution upgrades, upgrades training .....still many more

Our solution maintenance support will benefits customer in the following ways

- a. Quality application support
- b. Improved productivity and data management
- c. Maximum use of technology and lowered cost of ownership

## 6. Mould Manufacturing Process Optimisation

In mold manufacturing, the real challenge lies in how you can balance and manage the COST and LEAD-TIME in the entire workflow. To achieve this we will provide you our decade long expertise in Process optimization with leading technologies to achieve higher productivity with zero human errors by automating your entire process. We provide services into following process optimizations

- a. Parametric Mould Design Process and Drafting
- b. Electrode Design, Auto CNC Programming and Auto Setting Sheet generation
- c. Best Product Design Processes.



**For all of our above services, please send enquiries to [plminfo@si-asia.com](mailto:plminfo@si-asia.com) or call +65 - 6319 4888**

Sunway S&I Distribution Pte Ltd is a regional value added distributor of Siemens PLM solutions. The company enables its customers with innovative and collaborative design, engineering, manufacturing, simulation tools. Sunway S&I Distribution is a joint venture between Mega Computing and S&I Systems bringing together combined strengths across the full suite of CAD, CAM, CAE, SIM and PDM expertise.

Headquartered in Singapore, Sunway S&I Distribution also have direct operational presence in Malaysia and Thailand. Sunway S&I Distribution is a proven and trusted distributor with established channel partners across the region providing advanced and innovative PLM solutions to our customers. For more information, visit [www.si-asia.com](http://www.si-asia.com).

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