

i-PLM

i-PLM is our own brand of business focused tools and templates, created or configured by Intrinsic to help our customers get the best out of the PLM products we sell and support, in particular CATIA and ENOVIA SmarTeam.

These tools break down into two key groups – complete SmarTeam installations, and discrete tools for both CATIA and SmarTeam.

i-PLM implementation templates

- **ENOVIA SmarTeam template databases**

Optimised for productivity and fast roll-out, our PLM templates build on the official Dassault Systèmes 'SDE' and 'SNE' default template databases, with changes to address minor shortcomings and to add our own industry proven tools. Keeping to the DS approved databases ensures future upgrades and service packs are supported, while our enhancements add the industrialisation required for a real business.

The following list highlights some of the key features of each implementation.

- **CATIA Manager**

- CATIA-focused SmarTeam implementation for very small businesses.
- Fixed database specification for rapid deployment
- Usually offered as a packaged solution including a server and all services required to get a customer started

- **i-SDE**

- CATIA-focused SmarTeam implementation for small to medium sized businesses.
- Document management
- Scalable foundation – grow as the business grows

- **i-SNE**

- Enterprise-level PLM database for use in medium to large companies.
- Multi-CAD (including CATIA, SolidWorks etc.)
- BOM management
- Workflow
- Document management
- Scalable foundation – grow as the business grows

i-PLM ToolKit

- **CATIA tools**

A comprehensive set of utilities, written and implemented across a wide user base. A selection are listed below, all of which can be customized to suit a particular client requirement.

- Automatic drawing border with revision management (linked to SmarTeam)
- Configurable drafting Bill of Materials
- Automatic assembly instance renaming
- Part attribute management
- Point data import/export
- NACA profile generation
- Laser Target Point management
- Drafting table import/export
- Drafting hole table from 3D
- CATIA product from Microsoft XL BOM
- Best-practise CATIA Environments (including drafting standards, thread specs etc.)

- **ENOVIA SmarTeam tools**

Over the years, Intrinsic have created and maintained a range of software libraries (DLLs) and utilities which supplement or enhance standard SmarTeam functionality. Some are 'high impact' developments which are clearly visible, but many of these functions are invisible to our user-base – only their removal would highlight their quiet usefulness.

- Customizable part numbering panel
- Transmittal utility to automate and record the distribution of data
- Non-Workflow notification process with Microsoft Outlook integration
- Compare old revision of CATIA file with current
- Numerous attribute management utilities (auto-population of meta data)
- Security and data integrity utilities (validation of user and input data)