

SMARTTEAM V5 Product Portfolio

Delivering world-class enterprise PLM solutions



SMARTEAM Collaborative Product Lifecycle Management Solutions

Powering collaboration across engineering, enterprise and the supply chain

SMARTEAM, a key IBM and Dassault Systèmes Product Lifecycle Management (PLM) brand, provides world-class enterprise PLM solutions that bring competitive advantage to small and medium-sized enterprises (SME), and units of larger enterprises.

SMARTEAM customers enjoy flexible, global enterprise PLM solutions that provide secure product data management and collaborative benefits across teams, departments and sites, and with customers, suppliers and other value chain partners.

Relied on by over 3,700 companies worldwide, SMARTEAM helps enterprises leverage their proprietary knowledge to speed time-to-market, reduce costs, meet quality and industry standards, and maximise innovation. It is a catalyst to optimising core processes, addressing global economy challenges and sustaining customer satisfaction. SMARTEAM keeps close ties with its own customers, collaborating to ensure their PLM success.

SMARTEAM PLM solutions let companies flexibly integrate, manage and reuse multiple types of product-related knowledge and optimise engineering change and other processes across design, development, manufacturing, after-sales and other enterprise functions. SMARTEAM's robust, distributed architecture delivers a unified collaborative environment across sites. Standards-based openness facilitates integration with other business systems, achieving downstream synchronisation with manufacturing and other benefits. Proven, replicable best practices help SMARTEAM customers address common business challenges and achieve rapid bottom-line results. Cost-effective ownership allows PLM solutions scaled to priorities and growth.

ibm.com/software/plm



SMARTEAM PLM solutions meet the needs of diverse industries, including industrial and consumer products, electronics, power, plant and process, life sciences (medical devices and pharmaceutical), and consumer packaged goods, and the automotive and aerospace supply chains.

A functionality-rich, multi-data, enterprise collaboration platform, SMARTEAM combines seamlessly with CATIA, ENOVIA and/or DELMIA for expanded PLM solution coverage, and is the source of key collaborative value in many IBM and Dassault Systèmes industry solutions. Partner companies leverage their own expertise and SMARTEAM openness to provide complementary offerings that cover additional business needs.

SMARTEAM creates collaborative enterprise synergy at several levels:

- **Information integration**
Enables product information access, management and reuse by integrating data from multiple CADs and sources (including Microsoft® Office and Project), preserving related logic and dependencies. SMARTEAM's highly flexible product structure, and advanced search and visualisation, optimise daily work.
- **Process and resource integration**
Automates and manages business processes, including change management, bidding and after-sales, with flexible, advanced workflows. Project data integration and Web-based cockpits streamline project-tracking and work across people, sites and platforms.
- **Enterprise integration**
Promotes collaboration and standardisation of work methods across teams, departments and sites through a distributed architecture that covers multiple sites and Web solutions that span platforms and time zones. Gateway interconnectivity, including via Enterprise Application Interface (EAI) middleware support and diverse adaptor sets, extends data and process integration across enterprise systems and other IT assets.

Overall SMARTEAM value proposition

SMARTEAM promotes strategic decision-making and responsiveness, compresses design and cycle times, and helps meet standards for quality and industry compliance. These achievements improve a business entity's ability to be profitable, innovate, and compete.

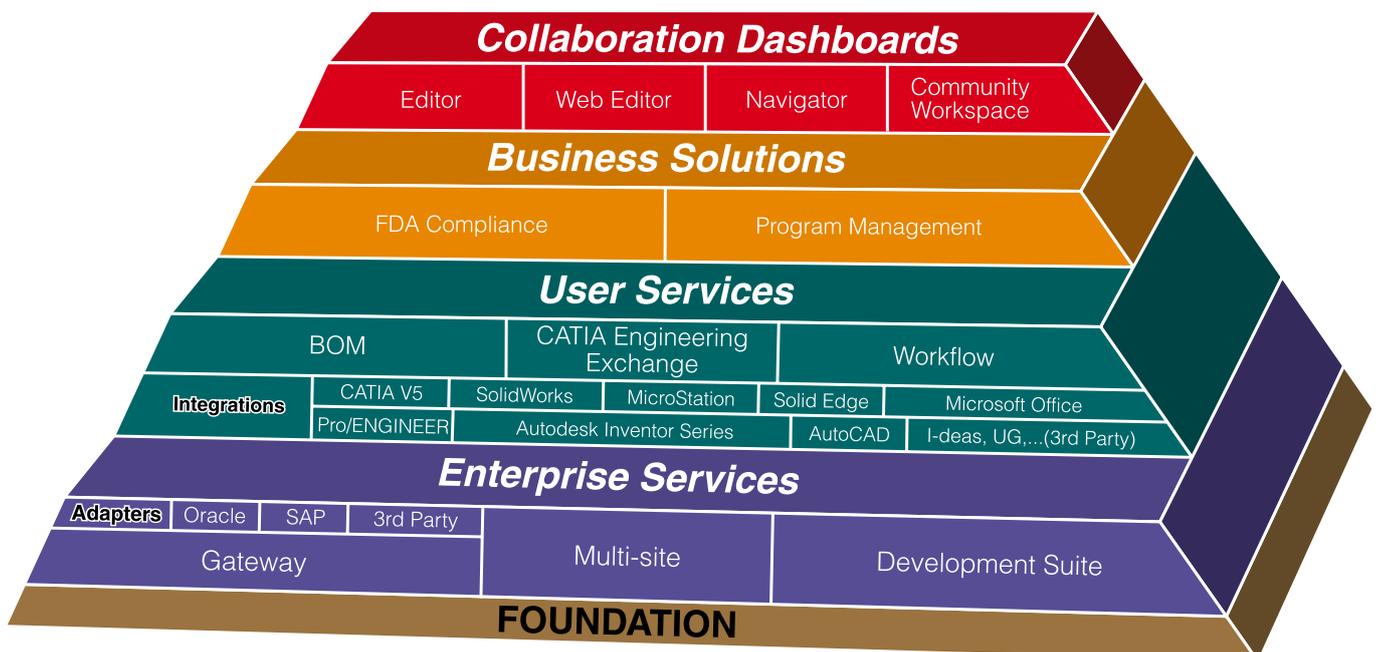
In growing numbers, enterprises are adopting PLM as a survival tool to meeting the challenges of global competition. Let SMARTEAM be your answer to optimised product data and process management and extended enterprise collaboration.

SMARTEAM Product Groupings

The SMARTEAM product portfolio is grouped functionally as follows:

- **Collaboration Dashboards** – Allow dispersed product teams and value chain partners to manage, view and exchange product data from a Microsoft Windows® or Web-based interface.
- **Business Solutions** – Provide sets of predefined work processes tailored to specific industry areas or business needs.
- **User Services** – Deliver a range of functional capabilities that extend a SMARTEAM solution's scope beyond basic product data management.
 - **Integrations** – Provide SMARTEAM's extensive, certified multi-CAD integration offering. Other CAD integrations are available through partners. SMARTEAM also integrates with business tools such as Microsoft Office.
- **Enterprise Services** – Extend SMARTEAM's collaborative environment across sites and enterprise applications, and provide tools for flexible solution tailoring and extensibility.

SMARTEAM Product Portfolio



Companion Products

The SMARTEAM product portfolio is supplemented by companion teaching products that provide an easy-to-use, one-source learning and support system for understanding how to leverage SMARTEAM's capabilities, maximising productivity for the user community.

SMARTEAM User Companion Fundamentals (SUS)

This product provides the core skills for engaging in PLM. It teaches users how to efficiently store, retrieve and manage product-related information, and share it throughout the extended enterprise. Users learn how to initiate and drive business processes throughout the product lifecycle.

The course starts with a building block dedicated to PLM concepts and the SMARTEAM foundation. A second building block provides two parallel paths, one for a Web environment, using SMARTEAM – Web Editor, and one for Windows, using SMARTEAM – Editor. Both paths include the Workflow product.

SMARTEAM User Companion for CATIA Integration (CIS)

This product teaches users to create product-related information while using digital mock-up and workbench tools with CATIA V5 data. Developed to enable CATIA designers to take full benefit of the embedded PLM environment delivered by SMARTEAM, it applies existing user knowledge of CATIA V5 Fundamentals to collaborative design in SMARTEAM.

The course gradually takes the user from a basic to expert level, covering advanced capabilities, such as relational design and concurrent engineering and building an understanding of how to make the most of SMARTEAM's collaborative environment infrastructure. The user should already be familiar with SMARTEAM Fundamentals (SUS) and CATIA Mechanical Design (MDS) companion products.



SMARTEAM User Companion Fundamentals (SUS)



SMARTEAM User Companion for CATIA Integration (CIS)

Collaboration Dashboard Products

SMARTEAM – Editor (EDR)

This product is the core, Windows-based PLM application of the SMARTEAM product suite, enabling enterprises to share, exchange, view, and manage product information from concept through retirement. SMARTEAM – Editor combines with SMARTEAM’s full suite of complementary applications and best practices to provide robust PLM solutions.

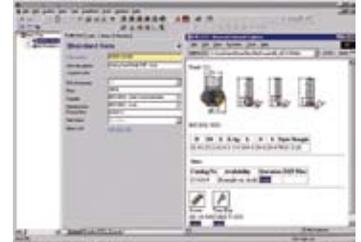
SMARTEAM – Editor enables businesses to manage various types of data and resources, including CAD drawings and assemblies, Bills of Material (BOM), and Microsoft Office-type documents, such as Microsoft Word, Excel and more. Together with SMARTEAM – Foundation, it provides data security, file and metadata storage, advanced searching, and customisation and administration tools to adjust to specific company and industry needs.

SMARTEAM – Web Editor (WED)

This product enables secure, Web-based product lifecycle management from standard Internet browsers. SMARTEAM – Web Editor lets company users manipulate product data locally or remotely, across multiple platforms, in a dynamic environment, from anywhere.

Whether working within the corporate Local Area Network (LAN), or over the Wide Area Network (WAN), enterprise users can create and manipulate product-related documents, while managing their revisions. They can also perform advanced searches for quick data retrieval, as well as view and annotate documents without actually downloading them, thus saving time and IT resources.

SMARTEAM – Web Editor enables design team members everywhere, on different platforms, to have full access to product information and contribute to product development. Users can initiate and participate in workflow processes (through SMARTEAM – Workflow) and keep track of program-related data (through SMARTEAM – Program Management), such as projects, tasks and resources, at any time, promoting collaboration and enhanced decision-making.



SMARTEAM – Editor (EDR)



SMARTEAM – Web Editor (WED)

SMARTEAM – Navigator (NVR)

This product enables secure, collaborative PLM viewing through read-only access to the SMARTEAM database from standard Internet browsers. SMARTEAM – Navigator lets decision-makers and other company users view and monitor the product development process locally or remotely, across multiple platforms, from anywhere.

SMARTEAM – Navigator supports work within the enterprise on the corporate LAN or at remote, beyond-the-firewall locations on a WAN.

Users can access, search and view diverse types of engineering, office-type documents and other corporate data, and participate in workflow processes (through SMARTEAM – Workflow). SMARTEAM – Navigator promotes collaboration and enhanced decision-making by enabling different kinds of company users, including non-engineers, to contribute to the collaborative effort.

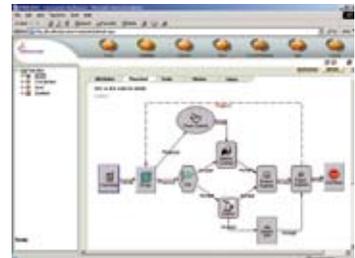
SMARTEAM – Community Workspace (CMT)

This product is a Web-based, project-oriented portal that enables global product teams to collaborate and manage product information easily, securely, and cost-effectively. Within unique Web portals, virtual product development communities – after passing through rigorous authorisation – collaborate on a defined set of data from within the SMARTEAM database. Workflow participation is available through the SMARTEAM – Workflow product.

By enabling online collaboration, SMARTEAM – Community Workspace brings e-business capabilities to the extended enterprise and supply chain, helping companies optimise product development processes with maximum flexibility.



SMARTEAM – Navigator (NVR)



SMARTEAM – Community Workspace (CMT)

Business Solution Products

SMARTEAM – Program Management (PGM)

This product is a full-featured, out-of-the box, yet customisable, platform-independent solution for collaborative program management. It enables enterprises to store and manage vast amounts of program-related information, including multiple projects, timelines, tasks, deliverables and resources, and tightly connect this data to product and process-related knowledge, such as workflow processes, documents and bills of material (BOM).

SMARTEAM – Program Management unites the management of project and product data in a single, platform-independent environment, enabling project collaboration on multiple projects concurrently. Enterprise users can efficiently and securely manage and share program-related elements in real-time. Highly intuitive role-based cockpits for project managers help eliminate errors typical of manual data entry, and decrease costs and time-to-market. SMARTEAM – Program Management embeds a two-way integration with Microsoft Project. Integrations with other leading project planning tools can be customised through services.

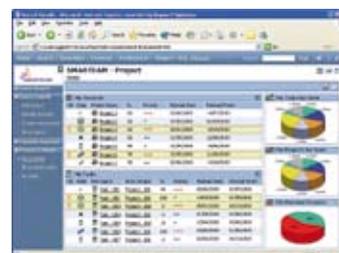
SMARTEAM – Program Management optimises resource management by storing and managing all resources (such as users) in SMARTEAM, and enabling their use across multiple projects. Authorised project managers can assign users to different roles across various projects. It facilitates the rapid launch of new projects through the reuse of existing project structures, and/or their project templates and associated tasks, resources, deliverables, document templates, flow processes and assigned roles. Executives get quick, up-to-date high-level views of cross-project information, including project status, enhancing decision-making. A pre-defined, configurable system of Notifications and Alerts further enhances project execution, enabling users to take early preventive actions as needed.

SMARTEAM – FDA Compliance (FDA)

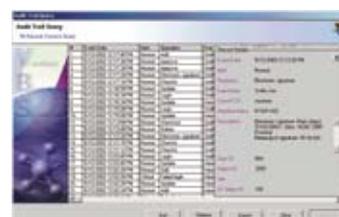
This product provides a rapidly implementable best practice business solution that serves as the backbone for meeting regulatory compliance needs. The product provides highly secure, standardised control over the management and tracking of all electronic records involved in the product development process, including electronic signatures.

The product allows for automated and standardised workflow processes that adhere to a required sequence and, if necessary, are driven from one stage to the next by electronic signatures embedded in process templates. It supports rigorous user authentication procedures, including automatic mail notifications advising administrators of failed logins; an audit trail of activities and changes in the system; and a configurable query mechanism for retrieving audit trail information.

The product provides key capabilities for accelerating, supporting, and maintaining compliance with governmental, industry, environmental and other regulatory standards, including those of the US Food and Drug Administration (FDA) and Current Good Manufacturing Practice (cGMP).



SMARTEAM – Program Management (PGM)



Regulatory Compliance (FDA)

User Service Products

SMARTEAM – Workflow (WFL)

This product is a workflow automation and change management solution that streamlines business processes and expedites engineering changes by linking people, information and processes. It automates the delivery of information across the extended enterprise (such as within a workgroup, across departments and to field personnel) and supply chain (such as with customers, suppliers and the sales channel).

SMARTEAM – Workflow lets users initiate, track, and monitor processes. Work is automatically routed from one stage to the next, while information about the status of the work, users and tasks is instantly available. Projects move faster toward completion, reducing the time required to execute the engineering change process and other standard authorisation and implementation procedures.

Users can choose from a pre-defined list of engineering change processes, or custom-define others. User-friendly tools help users manage project workflow, track project status, receive alerts and proliferate process information.

SMARTEAM – BOM (BOM)

This product streamlines the processes related to the creation and change of the BOM throughout the product lifecycle and across the value chain. SMARTEAM – BOM enables companies to manage and collaborate on product structures, including structural effectivity, by enabling dynamic, hierarchical navigation through various view formats, simplified change tracking and workflow automation on BOM changes.

SMARTEAM enables easy creation of the initial BOM from the CAD environment, based on CAD representation. It provides different top-down perspectives for viewing, managing and working with the product structure and assemblies, including the entire product BOM. These predefined, customisable views filter the product structure at specific lifecycle stages, such as 'as designed,' 'as manufactured' and 'as maintained.' The insight gained helps improve user productivity and decision-making, and enables businesses to better manage and reuse existing product knowledge, and accelerate responsiveness. An innovative BOM WhiteBoard tool provides a safe environment for off-line work on a temporary version without affecting the real product structure.

SMARTEAM – BOM helps companies exchange BOM and other data with external parties via a self-extracting 'Briefcase' tool that can be distributed by e-mail, FTP or the Web. Recipients can view the contents and redlining, and compare and track changes; embedded editing capabilities are optionally available to the supplier. SMARTEAM – BOM users can edit and compare Briefcases, and synchronise data back into the repository.

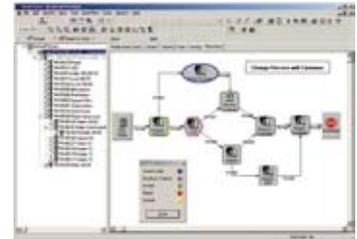
SMARTEAM – CATIA Supply Chain Engineering Exchange (SEE)

This product promotes collaboration around CATIA relational design by facilitating the integration of CATIA V5 data exchanged between any two business entities. SMARTEAM – CATIA Supply Chain Engineering Exchange provides SMARTEAM – CATIA Integration users with a native, lifecycle-managed 3D compare and reconciliation process that maintains CATIA V5 data integrity and links consistency regardless of the value chain partner's system (e.g. SMARTEAM, ENOVIA VPM V5 or V4, another PDM system, or none at all).

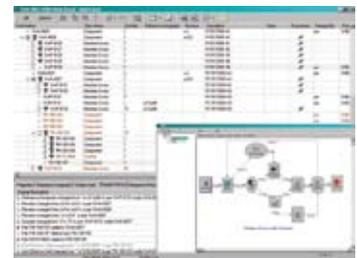
This product enables users of SMARTEAM – CATIA Integration to visualise and interactively compare sets or subsets of CATIA documents received from different collaborative partners, and easily reconcile selected documents back into existing, SMARTEAM-managed, CATIA V5 documents – while adhering to CATIA relational design associativity rules.

The product, featuring a highly flexible and intuitive graphical user interface (GUI), guides users in identifying documents common to source and target and presents a 3D side-by-side comparison. Users select the appropriate documents regardless of data source, incorporating them in the overall model with integrity intact.

SMARTEAM – CATIA Supply Chain Engineering Exchange addresses daily supply chain interaction pains by facilitating decision-making, eliminating errors, saving time and helping companies maximise productivity with their value chain partners.



SMARTEAM – Workflow (WFL)



SMARTEAM – BOM (BOM)



SMARTEAM – CATIA Supply Chain Engineering Exchange (SEE)

CAD Integration Products

SMARTEAM creates a true multi-CAD environment, enabling the enterprise to manage all CAD and related product data from a single collaborative PLM system while providing world-class, embedded CAD integrations that seamlessly bring PLM benefits to users of different CAD systems. Users of SMARTEAM CAD integrations can work in their native CAD environment while leveraging SMARTEAM's collaborative backbone to access, manage and share engineering data. They can even deploy additional CAD integrations on their desktop.

Users can efficiently create, edit and annotate design and related documents, including Microsoft Office-type. Powerful search, 'where used' retrieval and product lifecycle operations accelerate work and promote design reuse.

SMARTEAM maps design properties to the repository, eliminating re-keying of data. It provides ongoing version control, guaranteeing that users know if they are working with the latest data.

Engineering teams can collaborate on product structures, with dependencies fully intact, and perform concurrent engineering on different parts of the same assembly. Non-CAD users are able to view SMARTEAM-managed design content to gain a greater understanding of the product, and can contribute to the review process by engaging in redlining, markup and other activities.

SMARTEAM's CAD integrations are described on the following pages. Additional integrations (UG, Ideas,...) are available through SmarTeam partners.

SMARTEAM – CATIA Integration (CAI)

This product integrates SMARTEAM within the native CATIA V5 and ENOVIA DMU Navigator environment. Intuitive and easy-to-use, CAI enables users to create, edit and annotate design and other documents, while managing the data using embedded SMARTEAM menus, icons and tree structures.

CAI creates automatic, bi-directional attribute mapping and link dependencies during lifecycle operations, helping users easily manage complex product structures, including component parts, designs and documents, and rapidly access files and related data. Native CATIA viewing is provided via the Dassault Systèmes 3D PLM viewer.

Compatibility with the CATIA 64-bit environment lets users leverage their system's greater processing power to manage large assemblies easily.

Seamless integration with CATIA's impact analysis capabilities further maximises decision support, helping users assess how a change will affect dependencies. CAI also manages CATIA files from different releases within a given version of SMARTEAM, creating business opportunities by enabling collaboration with OEMs and others using different CATIA versions.

SMARTEAM – SE Integration (SEI)

This product, a Solid Edge Voyager Program Certified Select Product, brings the benefits of collaborative PLM to Solid Edge users, enabling work in the native Solid Edge environment while leveraging SMARTEAM's collaborative backbone to access, manage and share engineering data.

As part of the powerful PLM capabilities described at the beginning of this section, SMARTEAM – SE Integration maintains Solid Edge-specific links, including their direction to Solid Edge documents, and all references, ensuring ease of access and structural integrity throughout the SMARTEAM database. Users can apply lifecycle behaviors – such as lifecycle operation rules to links to models and corresponding drawings – for accurate capturing of true design intent.

SMARTEAM – AC Integration (ACI)

This product brings the benefits of collaborative PLM to AutoCAD users, enabling work in the native AutoCAD environment while leveraging SMARTEAM's collaborative backbone to access, manage and share engineering data. SmarTeam Corporation is an authorised Autodesk developer.

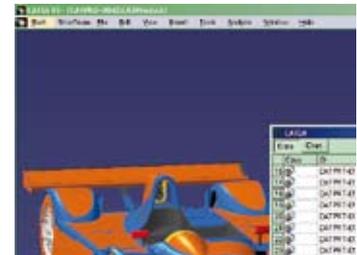
As part of the powerful PLM capabilities described at the beginning of this section, SMARTEAM – AC Integration maintains AutoCAD-

specific links, such as Xrefs and Xref Overlays, their direction to AutoCAD documents, and all references, ensuring ease of access and structural integrity throughout the SMARTEAM database. Users can apply lifecycle behaviors to specific link types, for accurate capturing of true design intent.

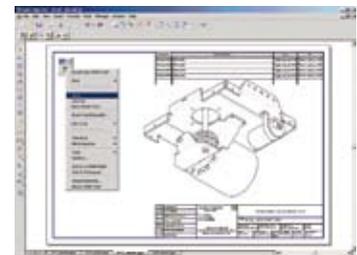
SMARTEAM – MD Integration (MDI)

This product brings the benefits of collaborative PLM to Mechanical Desktop (MDT) users, enabling work in the native Autodesk MDT environment while leveraging SMARTEAM's collaborative backbone to access, manage and share engineering data. SmarTeam Corporation is an authorised Autodesk developer.

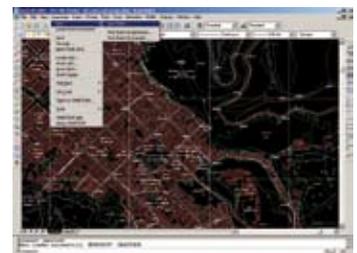
As part of the powerful PLM capabilities described at the beginning of this section, SMARTEAM – MD Integration synchronises component attributes between SMARTEAM and MDT BOM tables. This serves to maintain Bill of Materials information and parts lists, ensuring that the shop floor receives accurate, timely information. SMARTEAM – MD Integration also maintains two-directional links between MDT documents, and all references, ensuring ease of access and structural integrity throughout the SMARTEAM database. Users can apply lifecycle behaviors to specific link types, for accurate capturing of true design intent.



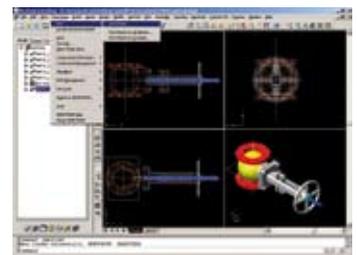
CATIA V5 Integration (CAI)



Solid Edge Integration (SEI)



AutoCAD Integration (ACI)



Mechanical Desktop Integration (MDI)

SMARTEAM – IN Integration (INI)

This Autodesk Inventor certified product brings the benefits of collaborative PLM to Inventor users, enabling work in the native Autodesk Inventor environment while leveraging SMARTEAM's collaborative backbone to access, manage and share engineering data. SmarTeam Corporation was the first PLM vendor awarded Autodesk Manufacturing Applications Initiative certification, in recognition of design and engineering software development leadership.

As part of the powerful PLM capabilities described at the beginning of this section, SMARTEAM – IN Integration maintains directional links between Inventor documents, and all references, ensuring ease of access and structural integrity throughout the SMARTEAM database. Users can apply lifecycle behaviors – such as lifecycle operation rules to links to models and corresponding drawings – for accurate capturing of true design intent.

SMARTEAM – P Integration (PEI)

This product brings the benefits of collaborative PLM to Pro/ENGINEER users, enabling work in the native Pro/ENGINEER environment while leveraging SMARTEAM's collaborative backbone to access, manage and share engineering data.

As part of the powerful PLM capabilities described at the beginning of this section, SMARTEAM – P Integration maintains Pro/ENGINEER-specific directional links between Pro/ENGINEER documents (such as 'Pro/E dependent of', 'Pro/E manufacturing of' and 'Pro/E Declared Layouts'), and all references, ensuring ease of access and structural integrity throughout the SMARTEAM database. Users can apply lifecycle behaviours – such as lifecycle operation rules to links between assemblies and corresponding drawings – for accurate capturing of true design intent.

SMARTEAM – MI Integration (MII)

This product brings the benefits of collaborative PLM to MicroStation users, enabling work in the native Bentley MicroStation environment while leveraging SMARTEAM's collaborative backbone to access, manage and share engineering data.

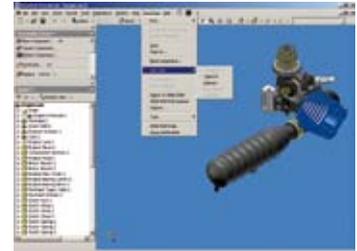
As part of the powerful PLM capabilities described at the beginning of this section, SMARTEAM – MI Integration maintains all MicroStation references and reference files (such as parent-child relationships like 'Where Used' and 'Composed of') in the SMARTEAM database, ensuring ease of access and composition integrity.

SMARTEAM – SolidWorks Integration (SWI)*

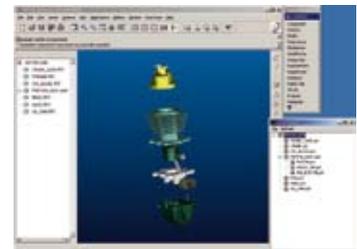
This product brings the benefits of collaborative PLM to SolidWorks users, enabling work in the native SolidWorks environment while leveraging SMARTEAM's collaborative backbone to access, manage and share engineering data. SmarTeam Corporation is a SolidWorks Gold Level Partner.

As part of the powerful PLM capabilities described at the beginning of this section, SMARTEAM – SolidWorks Integration maintains SolidWorks-specific links, their direction to SolidWorks documents (such as 'based-on,' 'derived-from' and 'in context') and all references. This high level of link management and control ensures ease of access and structural integrity throughout the SMARTEAM database. Users can apply lifecycle behaviours – such as lifecycle operation rules to models and corresponding drawings – for accurate capturing of true design intent.

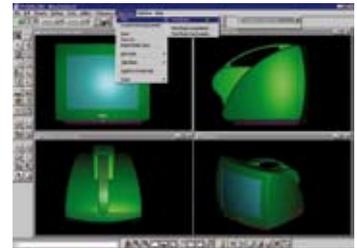
SMARTEAM's integrated viewer embeds the latest viewing technologies of SolidWorks eDrawings. Users can publish eDrawings and link them to their parent SolidWorks documents, including drawings, parts and assemblies. This capability maintains the integrity of drawings distributed among team members and recipients of eDrawings.



Inventor Integration (INI)



Pro/ENGINEER Integration (PEI)



MicroStation Integration (MI)



*SolidWorks Integration (SWI)**

**Note: This product has PRPQ status.*

Enterprise Service Products

SMARTEAM – Foundation (FDN)

This product is an enterprise knowledge platform that enables the PLM capabilities delivered through SMARTEAM – Editor and the rest of the SMARTEAM application and best practices suite. SMARTEAM – Foundation is configured for optimal use of an organisation's information technology infrastructure, delivering collaboration across all enterprise applications. Leveraging leading-edge technologies, SMARTEAM – Foundation offers a secure, open, flexible and scalable platform that accommodates an enterprise's growing need to control and share vast amounts of product information.

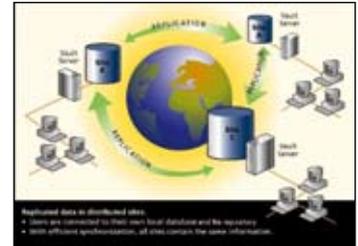
SMARTEAM – Foundation gives authorised users real-time access to product data, from virtually anywhere. The SMARTEAM repository ensures data integrity. All SMARTEAM products support authentication of users against an LDAP server (such as Windows Active Directory, IBM Directory Server and others).

SMARTEAM – Multi-site (MUS)

SMARTEAM – Multi-site is an asynchronous replication solution for a distributed environment, enabling full data sharing and product lifecycle collaboration among dispersed team members at different company locations. It overcomes typical replication challenges by uniquely combining asynchronous local replication and periodic synchronisation, providing data integrity, independence and high performance across sites:

- *Users at different locations access the same database, share the same resources and files, and work on mutual projects*
- *The data is identical for all – all modifications are propagated to all sites*
- *Users work simultaneously yet independently – work continues regardless of the network connection between sites.*

In today's globally dispersed business community, SMARTEAM – Multi-site is a key competitive tool, letting businesses leverage their state-of-the-art PLM system to operate more efficiently and improve productivity.



SMARTEAM – Multi-site (MUS)

SMARTEAM – Gateway (GWY)

This product serves as an interoperable backbone that seamlessly integrates vital enterprise systems, applications and technologies, delivering product content across IT assets. By exposing the SMARTEAM repository to enterprise applications and supporting triggers for bi-directional data exchange, GWY enables businesses to share and exchange the latest parts, Bills of Material, documents and other product information across design logistics, customer service, and other business systems. It further enables customised integration of processes, including change management, and complex engineering scenarios.

SMARTEAM enterprise integration solutions are built using the SMARTEAM Gateway API, Enterprise Application Integration (EAI) middleware and adapters. SMARTEAM integrates with several EAI middleware offerings: IBM WebSphere Business Integration (WBI) Express, IBM WBI Enterprise Server and Microsoft BizTalk Server. Customers can choose from third-party adapter sets, including by iWay and others. Two SMARTEAM products, SMARTEAM – SAA and SMARTEAM – OAA, provide business integration with SAP and Oracle Applications, respectively, via Microsoft BizTalk Server.

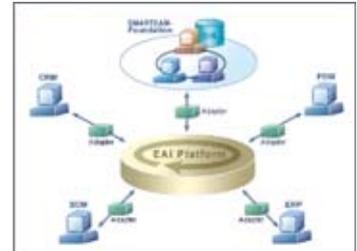
SMARTEAM – Development Suite (DVS)

This product provides tools for enhancing the SMARTEAM API and building SMARTEAM-based Windows or Web applications, and new capabilities, such as:

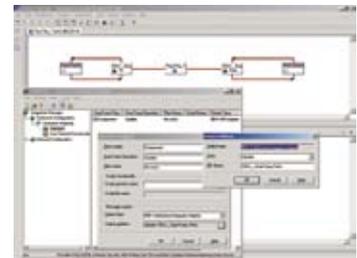
- *Web portals with corporate look-and-feel*
- *Cross-platform integrations leveraging IT assets*
- *Remote interfaces to SMARTEAM.*

Two software development kits (SDK) are available:

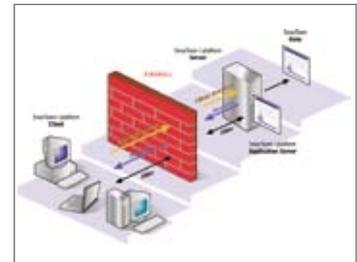
- ***i-Platform SDK*** – *For incorporating SMARTEAM functionality in any enterprise system, streamlining business processes and enhancing applications.*
- ***SmartIXF SDK*** – *For sharing structured product data across systems in a standardised manner.*



SMARTEAM – Gateway (GWY)



WebSphere Business Integration (WBI)



SMARTEAM – Development Suite (DVS)

SMARTEAM Configurations

		SMARTEAM Configurations										
		SMARTEAM – Community Workspace	SMARTEAM – Development Suite	SMARTEAM – Editor	SMARTEAM – Engineering	SMARTEAM – FDA Compliance	SMARTEAM – Gateway Administration	SMARTEAM – Multi-site Administration	SMARTEAM – Navigator	SMARTEAM – Program Management	SMARTEAM – Web Editor	CATIA Team PDM
		SCT	SDV	SED	SEG	SFA	SGA	SMA	SNV	SPG	SWE	TDM
	Collaboration Dashboards											
CMT	SMARTEAM – Community Workspace	•										
EDR	SMARTEAM – Editor		•	•	•	•	•	•				•
NVR	SMARTEAM – Navigator								•			
WED	SMARTEAM – Web Editor									•	•	
	Business Solutions											
FDA	SMARTEAM – FDA Compliance					•						
PGM	SMARTEAM – Program Management									•		
	User Services											
BOM	SMARTEAM – BOM				•							
CAI	SMARTEAM – CATIA Integration											•
WFL	SMARTEAM – Workflow				•	•				•		
	Enterprise Services											
DVS	SMARTEAM – Development Suite		•									
FDN	SMARTEAM – Foundation	•	•	•	•	•	•	•	•	•	•	•
GWY	SMARTEAM – Gateway						•					
MUS	SMARTEAM – Multi-site							•				

SMARTEAM is packaged for easy building of the optimal solution according to usage profiles and process requirements. Predefined configurations lie at the heart of this model, providing product sets that target specific tasks or processes. SMARTEAM – Foundation (FDN) must be part of any SMARTEAM Windows or Web solution. In addition, some products must be installed on top of others; pre-requisites are as follows:

- All CAD integrations, ACI, CAI, INI, MII, PEI, SEI, STI and SWI, require one of the configurations that contain the SMARTEAM – Editor product (EDR)
- PGM requires the SWE configuration
- SEE requires the CAI product
- OAA and SAA require the SGA configuration
- FDA requires one of the configurations that contain the SMARTEAM – Editor (EDR) or SMARTEAM – Web Editor (WED) product, and the Workflow (WFL) product
- GWY and MUS require a license for each server.

SMARTEAM solutions run on IBM DB2, Oracle and Microsoft SQL Server (and ship with the IBM DB2 or Oracle database as part of the product package).

SMARTEAM Add-on / Shareable Products

		SMARTEAM Configurations										
		SMARTEAM – Community Workspace	SMARTEAM – Development Suite	SMARTEAM – Editor	SMARTEAM – Engineering	SMARTEAM – FDA Compliance	SMARTEAM – Gateway Administration	SMARTEAM – Multi-site Administration	SMARTEAM – Navigator	SMARTEAM – Program Management	SMARTEAM – Web Editor	CATIA Team PDM
		SCT	SDV	SED	SEG	SFA	SGA	SMA	SNV	SPG	SWE	TDM
	Business Solutions											
FDA	SMARTEAM – FDA Compliance Product		S**	S**	S		S**	S**				S**
PGM	SMARTEAM – Program Management Product										S	
	User Services											
BOM	SMARTEAM – BOM Product		S	S		S	S	S				S
SEE*	SMARTEAM – CATIA Supply Chain Engineering Exchange		S	S	S	S	S	S				S
WFL	SMARTEAM – Workflow Product	S	S	S			S	S	S		S	S
	CAD Integrations											
ACI	SMARTEAM – AC Integration Product		A/S	A/S	A/S	A/S	A/S	A/S				A/S
CAI	SMARTEAM – CATIA Integration Product		A/S	A/S	A/S	A/S	A/S	A/S				
INI	SMARTEAM – IN Integration Product		A/S	A/S	A/S	A/S	A/S	A/S				A/S
MDI	SMARTEAM – MD Integration Product		A/S	A/S	A/S	A/S	A/S	A/S				A/S
MII	SMARTEAM – MI Integration Product		A/S	A/S	A/S	A/S	A/S	A/S				A/S
PEI	SMARTEAM – P Integration Product		A/S	A/S	A/S	A/S	A/S	A/S				A/S
SEI	SMARTEAM – SE Integration Product		A/S	A/S	A/S	A/S	A/S	A/S				A/S
SWI***	SMARTEAM – SolidWorks Integration Product		A	A	A	A	A	A				A
	Enterprise Services											
OAA	SMARTEAM – OA Adapter Product						A					
SAA	SMARTEAM – SA Adapter Product						A					

* New in V5R16 ** With addition of Workflow *** PRPQ status A = Add-on S = Shareable

To further tailor the solution to cover a broader or more specific scope, individual SMARTEAM products can be added to any configuration. Products can be ordered as 'add-on' products to a specific seat or as 'shareable' products that can be moved between seats.



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IBM Eurocoordination

Product Lifecycle Management
Tour Descartes
La Defense 5
2, avenue Gambetta
92066 Paris La Defense Cedex
France

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