DIGITAL INDUSTRIES SOFTWARE

Teamcenter X

Start fast and grow with scalable and secure SaaS product lifecycle management

Benefits

- Enhance business agility to quickly scale and deploy new features and applications
- Boost operational resiliency and continuity with Siemens managed updates, automatic backup and data recovery capabilities
- Reallocate costs and invest in predictable, operational expense with minimal IT infrastructure
- Enable secure remote access anytime and anywhere to extend the value of PLM to more users

Summary

Your company is continually challenged to reduce development costs, improve productivity and increase quality. At the same time, you must adapt to changing markets, growing customer demands, shorter lead times and working with global partners. To address these challenges, stakeholders across your business need secure access to up-to-date, reliable information related to your product's lifecycle – whether they're in the office, at home, on the shop floor or anywhere else in the world. To help you manage and collaborate with product and manufacturing information and processes, Teamcenter® X software, which is part of the Siemens Xcelerator business platform of software, hardware and services, provides product lifecycle management (PLM) delivered as software as a service (SaaS). Teamcenter X reflects Siemens Digital Industries Software's experience in PLM, helping companies get started fast, grow quickly and innovate.

By using Teamcenter X, you gain fast access to leading PLM capabilities with a streamlined user experience based on common industry best practices. Using Teamcenter X can help you manage and share information, accelerate your product-related processes and successfully manage your most precious asset – engineering, manufacturing and service knowledge.

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Leveraging Teamcenter X allows users who work from home, the office or anywhere else to securely access product lifecycle information and easily collaborate on processes across the business. With Teamcenter X, you can immediately realize the benefits of PLM.

Secure, scalable SaaS delivery

Teamcenter X delivers secure cloud technology and a wide range of scalable cloud solutions. Using Teamcenter X helps companies of all sizes quickly realize value without exhausting information technology (IT) resources traditionally associated with PLM deployments. Companies now have the convenience of choosing from engineering and business solutions that deliver immediate results with the option to add more capabilities as their business needs grow.

By choosing SaaS, you can reduce the costs of consulting and maintenance. All the operations and maintenance for Teamcenter X, including upgrades, are managed by Siemens. The flexible SaaS business model turns your capital costs into operational expenses and includes setup, administration, operation management services and upgrades – delivering a fast return-on-investment (ROI).

Siemens manages the SaaS environment, which is built on an enterprise-grade cloud infrastructure from a public cloud provider. It provides global organizations with security, compliance and support. The cloud infrastructure is housed in data centers and is designed to satisfy the requirements of the most security-sensitive customers. The cloud infrastructure puts strong safeguards in place for customer privacy and data loss risks.

Superior PLM user experience

Using Teamcenter X enables collaboration across locations: All it takes is internet access to securely retrieve product information and easily collaborate on processes across the business. The easy-to-use, easy-to-access web

client is excellent for anyone across the business who needs access to product information and processes.

For your design teams, Teamcenter X can be hosted in your mechanical and electronic computer-aided design (MCAD)/(ECAD) application. This enables designers to easily access Teamcenter X without opening a new application or window for PLM.

For everyone else, Teamcenter X provides a simple web interface that is easy to access and use and can be adapted to specific user needs.

Teamcenter X is Teamcenter and more

Since Teamcenter X is Teamcenter, you have full access to the full PLM portfolio. Many Teamcenter customers get started with the basics of PLM, including these use cases.

Engineering process and data management

Using Teamcenter X improves engineering productivity and efficiency to accelerate product development by bringing together mechanical and electronic designs in one PLM system. Design teams can keep their designs in sync while sharing information and collaborating on changes. By automating your engineering change, validation and approval processes, you can speed cycle time and improve product quality.

Teamcenter X provides MCAD data management for your design teams to create, manage and re-use native design data from MCAD systems in a single secure environment. Users can work together across MCAD tools with multi-CAD collaboration.

ECAD teams can increase productivity by integrating disconnected design flows and managing all your design, fabrication and assembly data, enabling you to share data across multiple domains. Using Teamcenter X enables you to leverage your ECAD part library and make it available for use across multiple ECAD tools to help reduce product cost and facilitate environmental compliance.

Bill-of-materials management

Teamcenter X includes bill-of-materials (BOM) management, so you have a single source for all parts, components and assemblies that make up your product. When both mechanical and electronic designs are managed using Teamcenter X, you can create a multi-domain BOM to provide a more comprehensive view of the product to stakeholders across the business.

Collaborating with CAD-neutral visualization

Teamcenter X supports the JT™ data format standard for CAD-neutral visualization so designs can be shared, marked up and interrogated by people across the business.

Partners that do not use Teamcenter X can also collaborate on designs. Partners, customers, vendors and suppliers can download the JT2Go viewer free of charge, which allows them to review designs with view, markup, measure, section, etc.

Document management

You can use Teamcenter X to manage all documents, including those created with Microsoft Office and Adobe, along with MCAD and ECAD designs – extending the use of PLM to users outside of the engineering department. Product-related documents include technical publications, process sheets, customer requirements, manufacturing setups, test specifications or any other documents that you may want to manage. With Microsoft Office integration, you can even interact with product information and workflow processes directly from familiar Office applications. Teamcenter X is used to manage a variety of document types (PDF, TXT, GIF, MSG, HTML, etc.).

Manufacturing process and data management

With Teamcenter X, you can rapidly address your manufacturing needs across the digital enterprise. You get support for collaboration with key manufacturing and engineering stakeholders throughout your organization using best practices that have been preconfigured into easy-to-use solutions. It enables continuity of manufacturing information and knowledge re-use within and outside your organization to support planning, design and simulation processes. You can connect to manufacturing authoring applications, get your products to market faster, and reduce risk of errors by connecting design and manufacturing engineers, facility planners, shop floor users, partners and other suppliers.

Get started fast with SaaS PLM

Preconfigured solutions

Teamcenter X offers solutions preconfigured with best practices to streamline and automate common PLM processes – not just for engineers, but also for decision-makers throughout the product lifecycle.

Leveraging Siemens' industry and domain expertise, we offer Teamcenter X preconfigured solutions to help you get started fast, realize value and then grow when you're ready.

Teamcenter X	Essentials	Premium
MCAD data management	✓	✓
Document management	✓	✓
Check in and check out	✓	✓
Visualization	✓	✓
Revisions and release workflow	✓	✓
Revision configuration	✓	✓
Where used	✓	✓
Discussion and tasks	✓	✓
Configurable workflows		✓
Multi-domain BOM management		✓
Personalization		✓
Digital mockup	+	+
PLM industry solutions		+
Advanced search and analytics		+
Change management		+
Classification		+
Content and technical publications		+
ECAD data management		+
ERP and enterprise integration		+
Manufacturing process planning		+
Model-based systems engineering		+
Product configuration solutions		+
Product cost management		+
Program planning and schedule management		+
Quality and compliance management		+
Requirements engineering		+
Service lifecycle management		+
Simulation process and data management		+
Software design management		+
Supplier management		+
Sustainable product development		+

Teamcenter X preconfigured solutions deliver a prescriptive approach to PLM and are built to address diverse use cases and industries – from medical devices and industrial machinery to semiconductors and component manufacturing.

Tiered packaging

Our mission is to help you find the right starting point at the right price. Our tiered packaging for Teamcenter X makes sure that whether you're a small startup or a large corporation, you have the flexibility to scale your PLM capabilities according to your specific needs. This approach allows you to seamlessly expand your capability as your business grows, enabling you to remain agile and responsive to market demands.

Learn more about Teamcenter X

Visit siemens.com/teamcenterx to find out how you can get started with Teamcenter X today so you can manage and share product lifecycle information and accelerate your product and manufacturing-related processes to drive innovation and profitability.

Siemens Digital Industries Software

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