

SOLIDWORKS® DATA MANAGEMENT PRODUCT MATRIX

KEY CAPABILITIES	SOLIDWORKS PDM Standard <small>(Included with SOLIDWORKS Premium and Professional)</small>	SOLIDWORKS PDM Professional	SOLIDWORKS Manage
AUTOMATION			
Revision Control Automatically create iterations and revisions to help your design team avoid overwriting files and help your purchasing and manufacturing teams order and produce the correct parts, every time.	●	●	●
Automated Neutral File Creation Automatically create neutral files like PDF and STEP files from SOLIDWORKS documents.		●	●
Custom Configuration Work effectively within your unique team structure, design process, and industry with fully configurable solutions.		●	●
Automated Data Import and Export Automatically import and export data from and to other business systems, such as MRP (material requirements planning) and ERP (enterprise resource planning) applications.		●	●
Serial Number Generators Configure serial number generators to automatically name documents and folders, and assign project and ECR/ECN numbers.		●	●
Email Notifications Receive email-based notifications when documents change state or are checked in, or various other events occur.		●	●
Item Management Create, edit, and compare complete bills of materials (BOMs) by associating items, files, and free text. Manage product variations for different use cases and applications. Drive bill of materials and item numbers directly from system data for SOLIDWORKS drawings.			●
PROCESS			
Basic Approval Workflow Automate the document approval process and notify users when changes occur utilizing an electronic workflow.	●	●	●

**SOLIDWORKS PDM
Standard**
(Included with SOLIDWORKS
Premium and Professional)

**SOLIDWORKS PDM
Professional**

**SOLIDWORKS
Manage**

KEY CAPABILITIES

PROCESS

Automated Approval Workflow

Increase productivity, quality, and accountability with support for multiple workflows, automated document creation, like eDrawings® and PDF, and integration and connectivity to MRP (material requirements planning) and ERP (enterprise resource planning) applications.



Business Process Management

Streamline business processes, automate document creation, and bring together all stakeholders, from sales and marketing to production and support. Configure states and decision points for all types of business processes, such as engineering change requests (ECRs), orders (ECOs), notices (ECNs), transmittals, and approvals.



SECURITY

Secure Access

Protect your product design data by ensuring secure, managed access for authorized individuals only. In addition to internal users, you can permit access to customers, partners, and vendors in your supply chain through VPN access.



Audit Trail

Quickly access a full audit trail of product development activities. Meet internal and external compliance reporting requirements. Identify process issues and drive continuous improvement to maintain your competitive advantage.



SEARCH

Find and Reuse Design Data

Quickly locate documents based on multiple parameters, including names, contained data, attached metadata, and workflow state.



Integrated Search

Quickly and easily find SOLIDWORKS files and any type of documents by searching on metadata (Custom Properties).



Advanced Search and Favorites

Perform content-based searches to find certain text strings within documents. You can predefine, save, and share searches for even greater productivity.



VISUALIZATION

Integrated eDrawings® Preview

Dynamically preview SOLIDWORKS and DraftSight® files in the integrated eDrawings-based preview window.



Multi-Document Preview

View and print more than 250 file types, including SOLIDWORKS, AutoCAD®, Inventor®, Solid Edge®, PDF, and Microsoft® Office, plus images, animations, movie files, and many others.



Dashboards and Reports

Create and distribute interactive graphical dashboards to display critical information. Configure reports to comply with company standards and publish them automatically or on demand.



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INFRASTRUCTURE

Scalability

Continue working with the same great speed and security as your design organization grows, taking advantage of additional functionality to meet your business needs.



Distributed Design Teams

Allow multisite and multinational teams to replicate document/drawing vaults over a WAN (wide area network), making the latest design information immediately available worldwide.



Remote Access

Increase the productivity of designers, managers, and sales/marketing personnel by permitting remote access to design data on laptops and mobile devices in a web browser.



CAPACITY

Project Management

Provide critical information to help teams focus on important tasks and automatically track progress. Manage project stages, timelines, and milestones along with resource utilization and capacity.



User Tasks

Provide users with the knowledge they need to work more effectively by utilizing tasks and calendars.



Our 3DEXPERIENCE® platform powers our brand applications, serving 12 industries, and provides a rich portfolio of industry solution experiences.

Dassault Systèmes is a catalyst for human progress. We provide business and people with collaborative virtual environments to imagine sustainable innovations. By creating virtual twin experiences of the real world with our 3DEXPERIENCE platform and applications, our customers can redefine the creation, production and life-cycle-management processes of their offer and thus have a meaningful impact to make the world more sustainable. The beauty of the Experience Economy is that it is a human-centered economy for the benefit of all – consumers, patients and citizens.

Dassault Systèmes brings value to more than 300,000 customers of all sizes, in all industries, in more than 150 countries. For more information, visit www.3ds.com.



Europe/Middle East/Africa
Dassault Systèmes
10, rue Marcel Dassault
CS 40501
78946 Vélizy-Villacoublay Cedex
France

Asia-Pacific
Dassault Systèmes
17F, Foxconn Building,
No. 1366, Lujiazui Ring Road
Pilot Free Trade Zone, Shanghai 200120
China

Americas
Dassault Systèmes
175 Wyman Street
Waltham, Massachusetts
02451-1223
USA

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