SOLIDWORKS PDM
TAKE CONTROL OF YOUR DATA TO ENHANCE COLLABORATION AND INNOVATION

SOLIDWORKS® Product Data Management (PDM) products manage and synchronize your design data across your entire enterprise with a single, easily deployable solution tightly integrated with all SOLIDWORKS applications. By leveraging a secure vault, you can extend the access to your 3D design environment and associated files, for all participants from engineering through manufacturing. This enables everyone involved in your projects to share information and collaborate on designs, while automatically protecting your intellectual property with the automated version and revision control systems.

SOLIDWORKS PDM takes care of your data

SOLIDWORKS PDM centralizes the storage of all your engineering data and related files to give you these benefits:

- Secure repository for fast information retrieval
- Version control for both minor changes and major revisions to help prevent data loss
- Integrated workflows that automate your design and approval processes for more efficient review and release of final designs
- Implemented in a fraction of the time required by other product data management solutions

With SOLIDWORKS PDM, you can dramatically reduce the time you spend searching for parts, assemblies, and drawings. Part of the SOLIDWORKS product development solution covering design, simulation, technical communication, and data management, SOLIDWORKS PDM will help you drive design reuse and manage your overall product development process.

With the rich toolset embedded in the SOLIDWORKS user interface, designers stay focused in one environment—with no need to switch interfaces for data management tasks.

Easily manage SOLIDWORKS data in a workgroup environment

SOLIDWORKS PDM Standard, powered by Microsoft® SQL Server Express and fully embedded into SOLIDWORKS 3D CAD and Windows® Explorer, provides an intuitive set of configurable tools to manage your SOLIDWORKS files.

Find the data you are looking for fast

Engineers and designers can spend a lot of time searching for files. SOLIDWORKS PDM Standard offers robust search tools to speed the process.

• Advanced searching inside Windows Explorer
• Configurable search form presents users with input fields relating to company specific information
• Built-in SOLIDWORKS file preview helps confirm the desired file is accessed
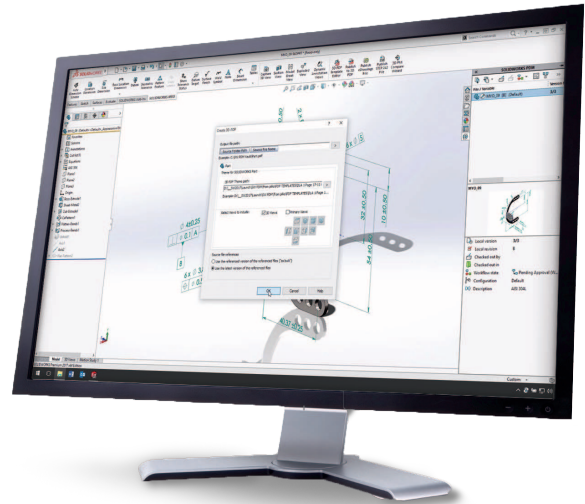
Maintain version and revision history

Creating and maintaining proper version and revision history is difficult and creates a lot of duplicate information. SOLIDWORKS PDM Standard makes this easy because it automatically maintains full design history.

• Versions are automatically created and references updated
• Flexible revision scheme to adhere to company standards
• Increment revisions automatically based on a defined approval process
• Easily retrieve previous versions of parts, assemblies, and drawings while working in SOLIDWORKS

Electronic workflow

Relying on paper-based or inefficient document approval processes wastes time. SOLIDWORKS PDM Standard helps to automate this process and keeps everyone up to date.

• Control access to certain users or groups based on workflow state
• Automatically send notifications to designated users and groups when files have changed state
• Utilize up to 10 configurable states to add electronic signature information during the approval process
• Easy-to-use graphical workflow tool

Powerful data management for the extended enterprise

SOLIDWORKS PDM Professional, powered by Microsoft SQL Server Standard extends the capabilities of SOLIDWORKS PDM Standard to allow your entire enterprise to easily share data and collaborate on designs.

Collaborate across boundaries

Product development organizations can span continents and time zones. SOLIDWORKS PDM Professional creates a collaborative community regardless of distance and location.

• Search for data in multiple ways, using parameters such as document or file name, contained data, or custom properties like part number, description, and current workflow state (e.g., released or in process)
• Give distributed users quick access to designs, specifications, and documentation through vault replication
• Enable staff and partners to contribute through web-enabled portals from various connected devices including smartphones and tablets
• Control access to specific engineering data and project information through secure access including integrations to Active Directory (AD) and Lightweight Directory Access Protocol (LDAP)

Manage non-CAD data easily

Essential product data extends beyond mechanical CAD files and SOLIDWORKS PDM Professional enables efficient management of all design related information.

• Easily produce customized bills of materials (BOMs) for individual departments
• Manage, view, and print document from more than 250 file types including major CAD formats, Microsoft Office files, images, and animations
• Automatically create neutral files, such as PDFs, eDrawings™ or STEP
• Take advantage of the many included integrations to popular CAD applications, SOLIDWORKS Electrical, and Microsoft Office

Automate business processes

SOLIDWORKS PDM has an intuitive graphical user interface to help you map workflows and minimize administrative work, while automated tracking of approvals and sign-offs maintains accuracy and accountability.

- Utilize multiple workflows to handle different document types and approval processes
- Facilitate multiple required approvers with Parallel transitions
- Utilize serial number generators to automatically create and assign properties, such as part numbers, project numbers, and document IDs
- Automate the creation of project folder structures and standard documents to help ensure consistency and completeness of data

SOLIDWORKS software provides an intuitive 3D development environment that helps maximize the productivity of your design and engineering resources to create better products faster and more cost-effectively. See the full range of SOLIDWORKS software for design, simulation, technical communication, and data management at http://www.solidworks.com/products2017.

To learn more about SOLIDWORKS PDM solutions, visit www.solidworks.com/pdm or contact your local authorized SOLIDWORKS resellers.

SOLIDWORKS systems requirements are posted at the SOLIDWORKS website. Systems Requirements are available at: www.solidworks.com/systemrequirements.

The integrated Windows Explorer search tool makes it easy to quickly find information and take action. It also enables powerful search capabilities in other Windows dialogs, including Open and Save.

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

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