SOLIDWORKS ENTERPRISE PDM

Take control of your data to enhance collaboration and innovation

COMMUNICATE ACROSS A GLOBAL NETWORK

ORGANIZE AND MANAGE DESIGN DATA

REPLICATE SHARED DATA FOR QUICK ACCESS
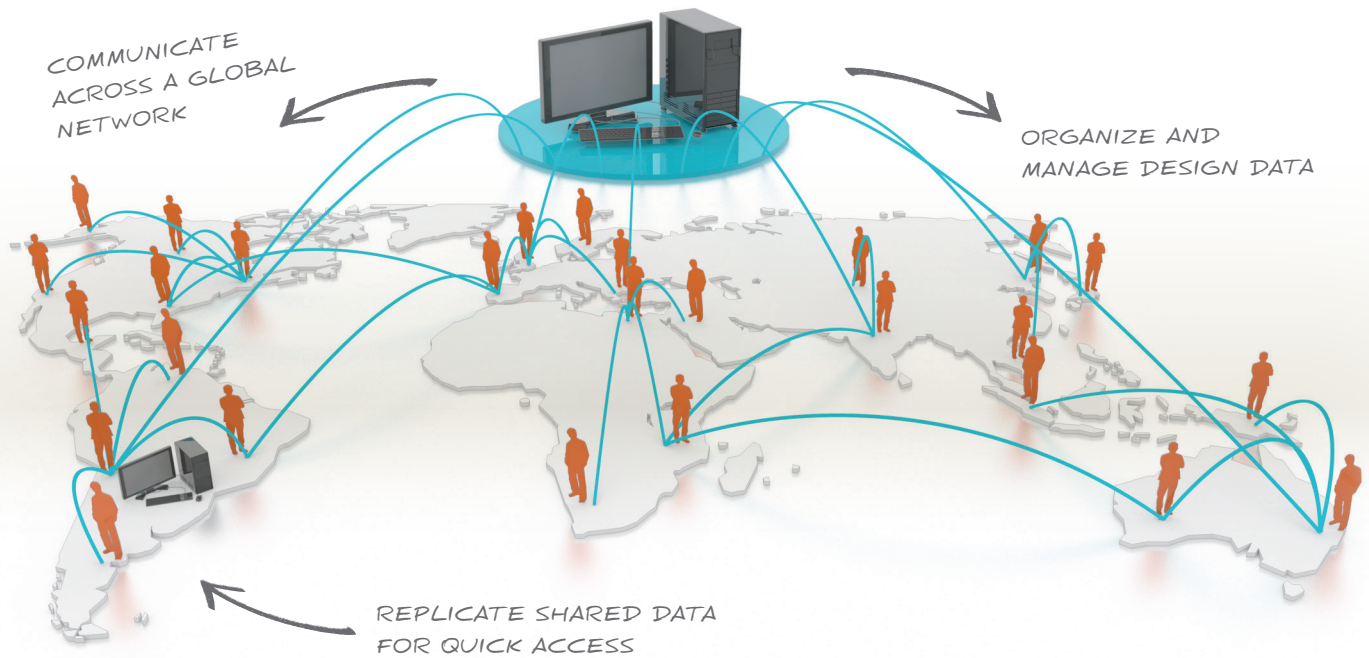
SOLIDWORKS EPDM TAKES CARE OF YOUR DATA

SolidWorks® Enterprise Product Data Management (EPDM) centralizes the storage of all your engineering data and related files to give you these benefits:

- Secure, indexed repository for fast information retrieval

- Version control for both minor changes and major revisions to prevent data loss

- Integrated workflows that automate your design and approval process for more efficient review and release of final designs

With SolidWorks EPDM, you can dramatically reduce the time you spend searching for parts, assemblies, and drawings. Part of the SolidWorks suite of product development solutions—covering design, simulation, sustainable design, technical communication, and data management—SolidWorks EPDM will help you drive design reuse and manage your overall 3D design experience.

Implemented in a fraction of the time required by other data management solutions, SolidWorks EPDM can scale from small workgroups to hundreds of designers located in offices anywhere in the world.

▶ MANAGE DESIGN

SolidWorks Enterprise PDM manages and synchronizes design data across your product development team with a single, easily deployable solution tightly integrated with SolidWorks applications. You extend the reach of your 3D design experience—locally or remotely, from engineering through manufacturing—to share information, collaborate on designs, and automatically protect design data with integrated tracking and version control.

Rapidly find data and control access

Focus your design organization on product innovation with tools to quickly and efficiently find, share, and reuse data.

- 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 (for example, released or in process)

- Save searches for easy reuse, individually or across the enterprise

- Prevent designers from accidentally overwriting files through integrated version control

- Easily produce customized bills of materials (BOMs) for individual departments

- Manage, view, and print documents from more than 250 file types, including major CAD formats, Microsoft® Office, images, and animations

- Protect data from theft, damage, or misuse with secure login

- Always ensure manufacturing has the right version, avoiding costly mistakes

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.

Rescue Equipment | Holmatro Inc.

QUICKLY VIEW CURRENT FILE STATUS USING THE TASK PANE INTEGRATION
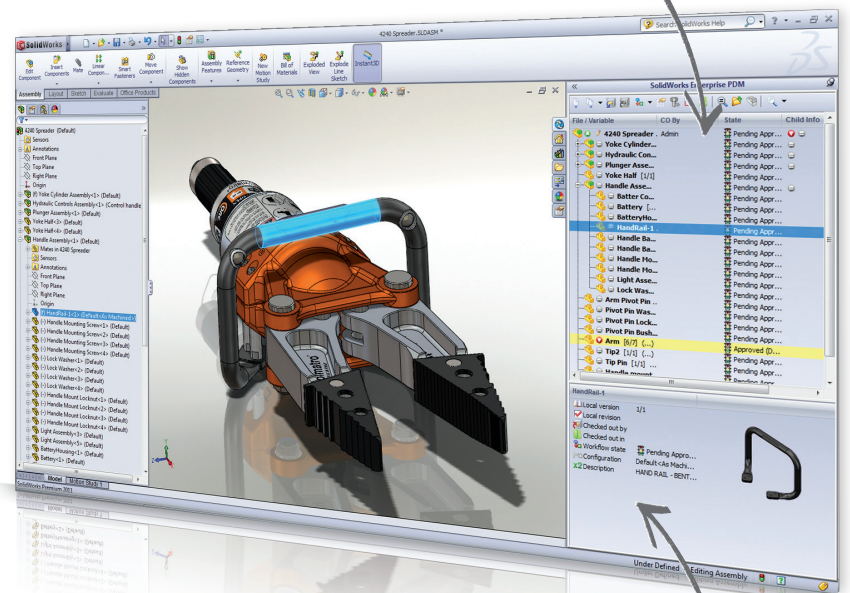
INFORMATION ON SELECTED COMPONENT DISPLAYS IN PREVIEW AREA

Implement and scale quickly

Realize an immediate return on your investment by launching SolidWorks EPDM in just days, then scale it as your organization grows in people, partners, and geography.

- Scale up to hundreds of users

- Get up and running within five days with our Quick Start Program

- Quickly adapt SolidWorks EPDM to your design processes, team structure, and industry through custom configuration

- Create custom applications to meet specific business requirements through the SolidWorks EPDM comprehensive application programming interface (API)

"THE IMPLEMENTATION OF SOLIDWORKS EPDM SOFTWARE HELPED US TO QUICKLY TRANSITION FROM A SMALL, FAMILY-RUN COMPANY TO AN AGILE, HIGH TECHNOLOGY COMPANY WITH HUNDREDS OF USERS."

— **DAVE TETZLAFF**, Clover Industries

Get productive fast

Immediately get up to speed through a fully integrated bundle that includes database software, CAD connectors, replicated servers, and an API for customization.

- Engage new users quickly with the intuitive Windows® Explorer interface
- See "where used" and "contains" information for any design with one click
- Customize menus to personalize use and increase productivity
- Use integrated Windows Explorer search and browse capabilities to reduce desktop clutter and find files faster
- Instantly communicate with colleagues through information pop-ups

EASY-TO-CONFIGURE CUSTOM SEARCH FORMS

The integrated Windows Explorer search tool makes it easy to quickly find information and take action. Full integration of SolidWorks EPDM with Windows Explorer provides a familiar environment and unparalleled ease of use. The short learning curve also leads to higher productivity and a faster return on investment.

PREVIEW SEARCH RESULTS WITH 3D CONTROLS

Streamline essential processes

SolidWorks EPDM uses an intuitive graphic interface to help you map workflows and minimize administrative work, while automated tracking of approvals and sign-offs maintains accuracy and accountability.

- Model company workflows and processes
- Increase productivity, quality, and accountability by automating workflows and approval processes
- Instantly access audit trails to meet internal and external reporting requirements, document quality control and standards compliance, and drive process improvement
- Automatically create files in common formats, such as PDF, at the end of an approved process
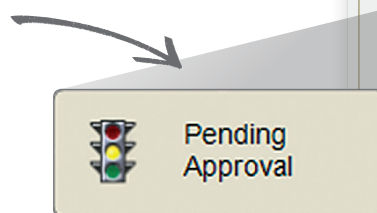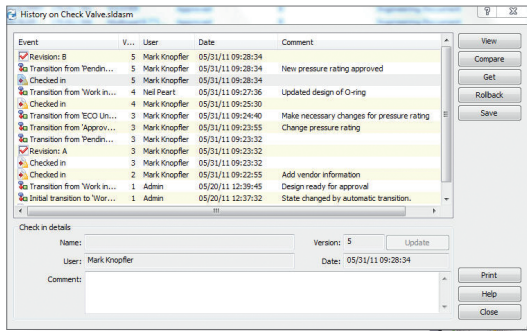
CONVENIENT DRAG-AND-DROP CONTROLS

Customizable workflows help your organization automate and control product development processes, streamlining approvals and improving audit controls.
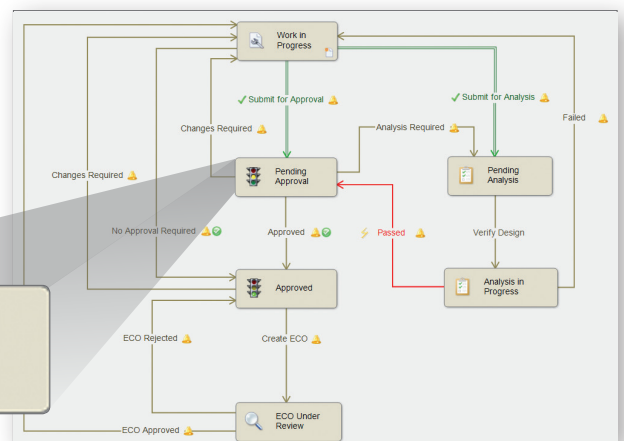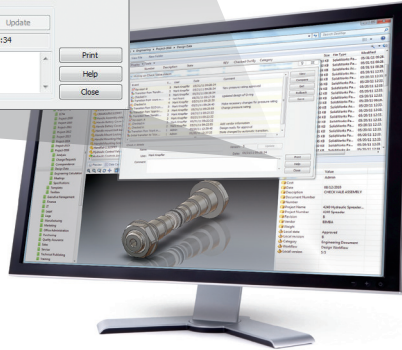
CONFIGURABLE "STATES" EASILY CAPTURE AND AUTOMATE EXISTING COMPANY PROCESSES

HISTORY INCLUDES USEFUL TOOLS FOR VIEWING AND COMPARING FILE VERSIONS

Access a full history of all document changes, previous versions, and revisions for rapid viewing, comparison, and compliance.

Collaborate without boundaries

Product development organizations can span continents and time zones. SolidWorks EPDM creates a single collaborative community regardless of distance and location.

- Give distributed users quick access to designs, specifications, and documentation through Vault replication
- Enable staff and partners to contribute through remote-access portals
- Control access to specific engineering data and project information through secure access

SOLIDWORKS PRODUCT DEVELOPMENT SOLUTIONS

SolidWorks software creates an intuitive 3D experience that maximizes the productivity of your design and engineering resources to create products better, faster, and more cost effectively. See the full range of SolidWorks solutions for design, simulation, sustainable design, technical communication, and data management at **www.solidworks.com/products2013**.

▶ **LEARN MORE**

To learn more about SolidWorks Enterprise PDM, visit **www.solidworks.com/EPDM** or contact your local authorized SolidWorks reseller.

▶ **SYSTEM REQUIREMENTS**

SolidWorks Enterprise PDM CAD Editor
- Windows 7 (32- or 64-bit) or Windows Vista®
- 2 GB RAM (minimum)
- 5 GB disk space free (minimum)
- Video board (certified recommended)
- Intel® or AMD® processor
- DVD or broadband Internet connection
- Internet Explorer 8 or later

For additional details, visit
www.solidworks.com/pdm-requirements

SolidWorks Contributor PDM
- Windows 7 (32- or 64-bit) or Windows Vista
- 1 GB RAM (minimum)
- 2 GB disk space free (minimum)
- Video board (certified)
- Intel or AMD processor
- DVD or broadband Internet connection
- Internet Explorer 8 or later

SolidWorks EPDM Servers
Archive, Database, and Web Servers (optional)

Archive Server requires:
- 1 GB RAM
- 10 GB hard drive
- Windows Server 2003 SP1 or higher

Database Server requires:
- 4 GB RAM
- 10 GB hard drive
- Windows Server 2003 SP1 or higher
- Microsoft SQL Server 2005 SP2 or higher (included with purchase)

Web Server requires:
- 1 GB RAM
- Windows 2003 Server SP1 or higher
- Internet Information Services (IIS)

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