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
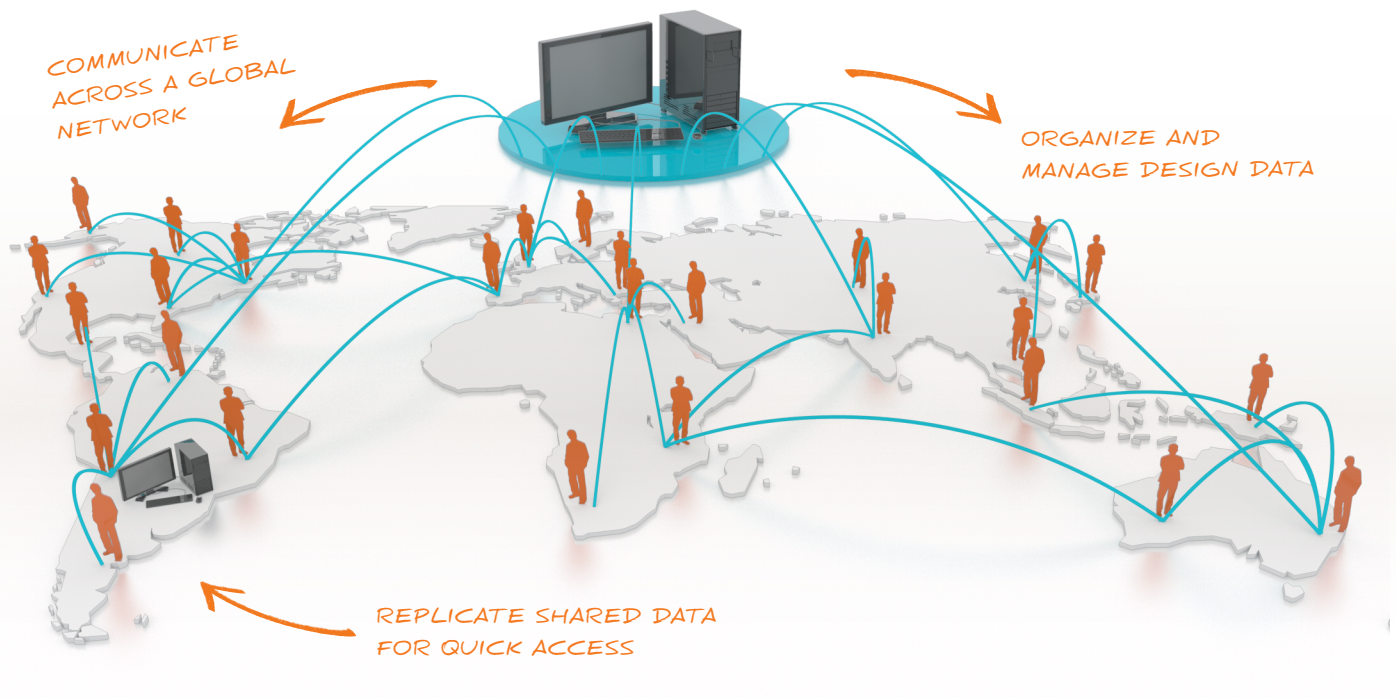
DO THESE CHALLENGES SOUND FAMILIAR?

"The supplier never heard about the latest changes."

"Why can't we make our ECO process work?"

"We should update our designs—but updating every file in our supply chain would be a nightmare."

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 dramatically reduce the time you spend searching for parts, assemblies, and drawings, while also helping you drive design reuse. As part of the SolidWorks suite of product development solutions—covering design, simulation, sustainable design, technical communication, and data management—EPDM provides a central, indexed repository for fast information retrieval. It offers version control for minor changes and major design revisions to prevent data loss, and integrates workflows to automate your design process for more efficient review and release of final designs.

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 that is tightly integrated with SolidWorks applications. You extend the reach of your 3D design—locally or remotely, from engineering through manufacturing—to share information, collaborate on designs, and automatically protect design data with integrated tracking and version control.

3DS SOLIDWORKS

Rapidly find data and control access

Focus your design organization on product innovation with the 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 (i.e., released, 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

- 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

QUICKLY VIEW CURRENT FILE STATUS USING THE TASK PANE INTEGRATION

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.
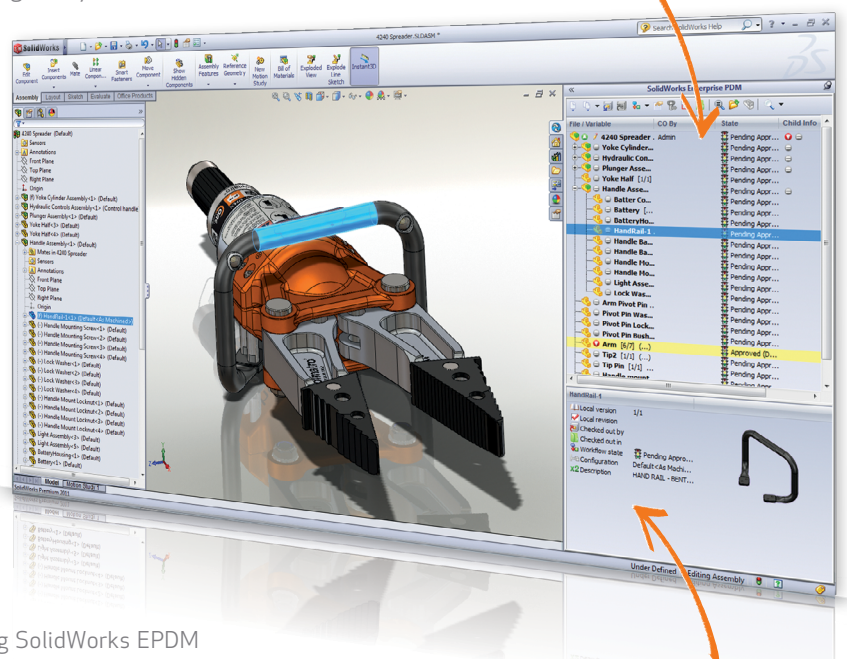
INFORMATION ON SELECTED COMPONENT DISPLAYS IN PREVIEW AREA

Implement and scale quickly

Realize an immediate return on your investment by launching SolidWorks EPDM in just days, then scaling 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."
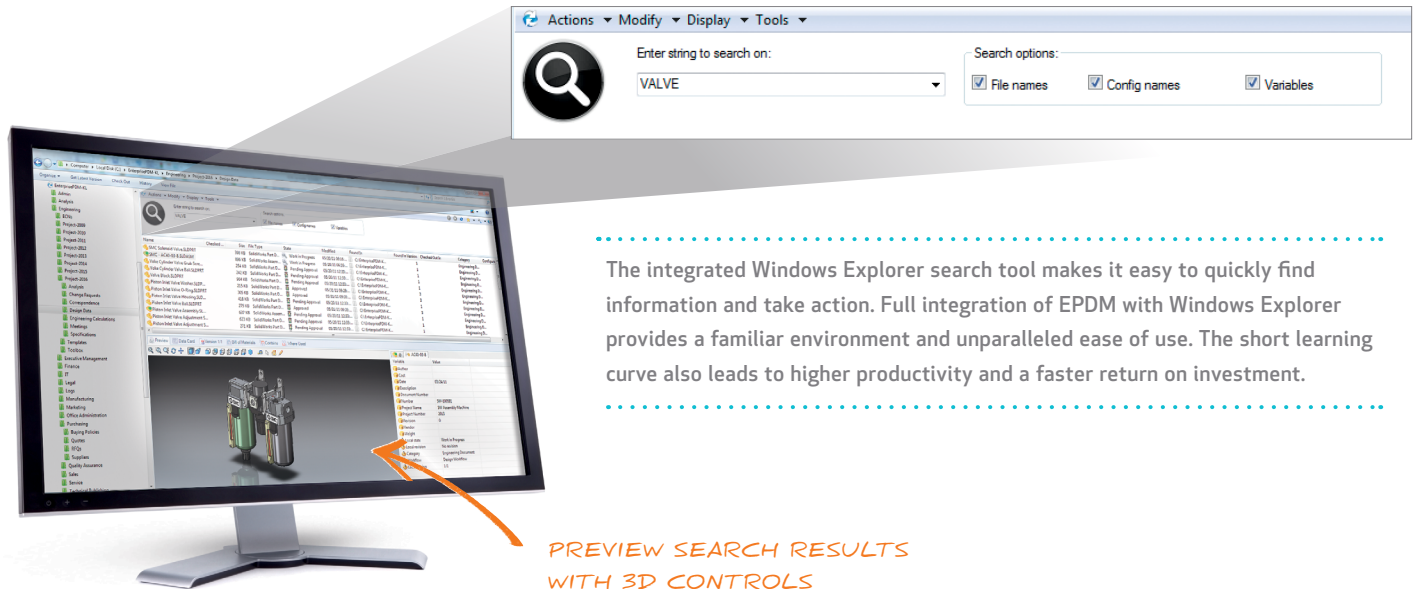
— **DAVE TETZLAFF**, Clover Industries

Get productive fast

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

- Ramp up 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

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 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

Administrative processes like approvals and sign-offs don't have to be a burden. Use automation and graphic modeling tools to minimize administrative work and maintain accuracy and accountability.

- Model company workflows and processes using an intuitive graphic interface

- 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.
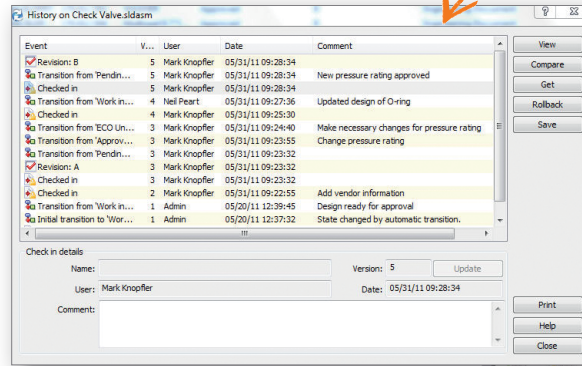
CONFIGURABLE "STATES" EASILY CAPTURE COMPANY PROCESSES

Pending Approval
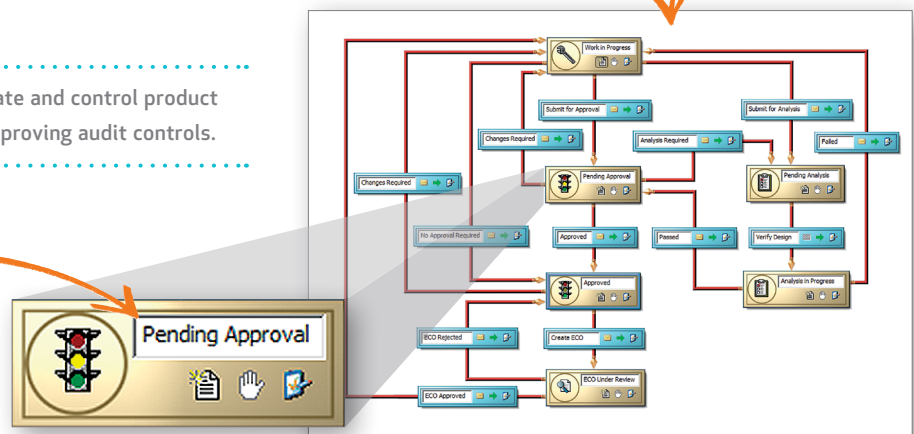
"SINCE IMPLEMENTING SOLIDWORKS EPDM, WE HAVE THE FOUNDATION IN PLACE THAT WE NEED TO AUTOMATE OUR PROCESSES, ELIMINATE WASTE, AND REMOVE UNNECESSARY COSTS."

— **CHIP MONTGOMERY**, ABCO Automation, Inc.

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 design documentation through Vault replication

- Enable staff and partners to contribute through remote-access portals

- Manage designs created in SolidWorks CAD, as well as in many popular third-party solutions

SOLIDWORKS PRODUCT DEVELOPMENT SOLUTIONS

SolidWorks enables you to maximize 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/products2012**.
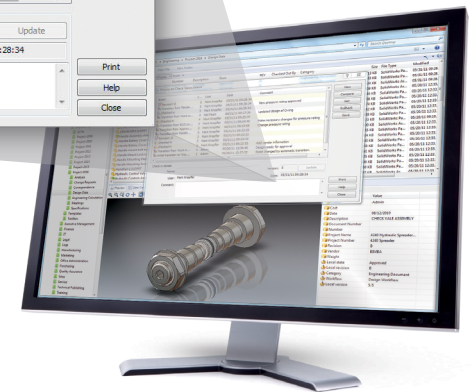
▶ **SYSTEM REQUIREMENTS**

Client: Windows XP (SP2), Windows Vista, or Windows 7 (32 and 64 bit)

Servers: Windows Server 2003 (SP1) or Windows Server 2008

Database: Microsoft SQL Server 2005, 2008, or 2008 R2 Standard Edition (SQL Server license included with Enterprise PDM)

For detailed information, go to **www.solidworks.com/PDMsysreqs**

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

www.solidworks.com

⊅S SOLIDWORKS

LET'S GO DESIGN