SEACAD

Focused, Proven, Credible.

SOLIDWORKS PDM

	SOLIDWORKS PDM STANDARD	SOLIDWORKS PDM PROFESSIONAL	SOLIDWORKS SOLIDWORKS MANAGE
Secure Access	✓	✓	✓
Revision Control	(Limited)	✓	✓
Find and Reuse Design Data	✓	✓	✓
Audit Trail	✓	✓	✓
Integrated Search	✓	✓	✓
Advanced Search and Favorites	(Limited)	✓	✓
Integrated eDrawings Preview	✓	✓	✓
Preview 100's of File Types		✓	✓
Scalability		✓	✓
Automated Neutral File Creation (STEP, IGES)		✓	✓
Custom Configuration		✓	✓
Automated Data Import and Export		✓	✓
Serial Number Generators		✓	✓
Distributed Design Teams		✓	✓
Remote Access		✓	✓
Automated Approval Process		✓	✓
Email Notifications		✓	✓
Multi-CAD Integrations		✓	✓
Multi-site replication		✓	✓
Add non-modeled items to BOMs		(Limited)	✓
Database Replication		✓	✓
ERP XML Output		(Limited)	✓
Record (Item) management		(Limited)	✓
Create BOMs from multiple vaults			✓
Compare any BOM		(Limited)	✓
Project Management			✓
Task assignment		(Limited)	✓
Graphical Dashboards			✓
Case/Problem Tracking			✓
Workflow process without files			✓
Multiple processes at the same time			✓
Cases for Change Requests (ECR) or Corrective Actions (CAPA)		(Limited)	✓
Map properties from other systems (ERP)			✓

Additional Features under SOLIDWORKS PDM Professional:	
• Central Card Lists	• Office Add-in
• Data Card Input Formulas	• Automated Data Import/Export
• Named Bill of Materials	• Automated Tasks
• Paste Shared Links	• Application Programming Interface
• Menu and Toolbar Customization	• Custom Add-in Support
• SW Electrical Integration	• Dispatch
• AutoCAD Add-in	• Item Support
• Inventor Add-in	• Web Client
• Pro/E Connector	• View Private State Files
• Solid Edge File Support	

SOLIDWORKS PDM Highlights

Short Productivity Curve – High ROI
- Fast Implementation
- Low training requirement
- Configurable
- Built as extension of Windows Explorer
- Integrated within SolidWorks, Pro/Engineer, AutoCAD and Inventor

Powerful Search Tool – Design Reuse
- Promotes design reuse to lower engineering and manufacturing costs
- Fast & Powerful
- Integrated into Windows Explorer and Open Dialogs
- Saved and Shared Search Favorites

Flexible Workflow – Maintain Compliance
- Streamlines and enforces company processes
- Ensure compliance
- Easy to setup multiple workflows
- Flexible and fully configurable to match your processes

Scalable – Reduces Risk
- Built on industry standard database
- Microsoft Structured Query Language (SQL) Database
- Supports 1 to hundreds of users
- Supports 1 to many global locations
- Customizable using standard tools such as Visual Basic.net
- Open Application Programming Interface (API)

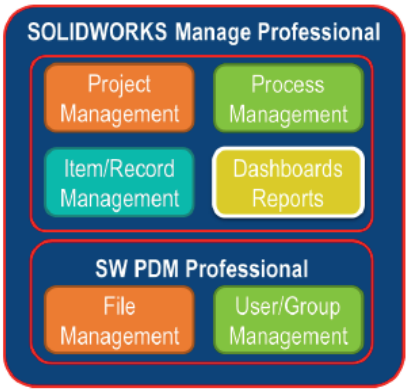
Data Connectivity
- Enables information sharing with existing systems
- Create and Share Bill of Materials (BOM)
- Multiple formats Excel, ASCII Text, XML
- Import data
- Export data
- Access external database information

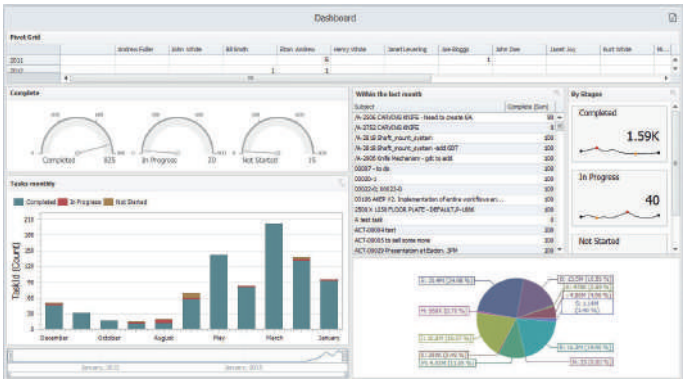
Granular Security
- Protects intellectual property
- User log in names and passwords
- Optional links to network operating systems
- Access controls for files and folders

Replication
- Supports globally distributed design teams - WAN
- Ability to locate files globally
- Controls over replication schedule
- Reduce bandwidth thru replication of current version only

What is SOLIDWORKS Manage?

SOLIDWORKS Manage provides users with an unique set of advanced data management tools. This is accomplished by leveraging the file management capabilities and ease of use of SOLIDWORKS PDM Professional and adding powerful project, process, and item management capabilities. SOLIDWORKS Manage provides an easy upgrade path to a distributed data management system. Distributed data management refers to the ability of the system to be utilized, or distributed to, many different groups within an organization.





Major Functional Features

SOLIDWORKS Manage has its own user interface but users can also access information and functions in Windows Explorer and via a SOLIDWORKS CAD Add-in. The major functional areas that will be available in SOLIDWORKS Manage are:

Project Management

- Manage project stages, timelines, and milestones
- View resource utilization and capacity
- Attach items and files and list deliverables
- Utilize user tasks and timesheets to track progress

Process Management

- Configure states and decision points for all types of processes
- Attach effected items and files and enable ad hoc approvers and user tasks

Item Management

- Create, edit and compare bills of materials using items and files
- Automatically or selectively create items for SOLIDWORKS configurations

Dashboards and Reports

- Create interactive graphical dashboards to display critical information
- Configure reports to company standards and publish automatically or on demand

Benefits

- Reduces the time in creating complete Bills of Materials through an easy-to-use editing feature that combines file and record data, and by automatically sharing product data with other business systems

- Lessens the expense of maintaining multiple data management systems and separate applications by providing access to synchronized data all in one system

- Avoids project development time and cost overruns by having all timelines, resources, tasks, and deliverables linked to a common project object and updated in one system.

- Provides project managers with information to make critical product development decisions with the aid of interactive dashboards and an overall view of resource capacity

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