



Evolution thro' Knowledge

SOLIDWORKS PDM TOP ENHANCEMENTS IN 2023

SOLIDWORKS PDM:

SOLIDWORKS Electrical Schematic is a systems-level electrical design package that allows you to design electrical schematics quickly and accurately with customizable design tools & makes creating 2D schematics a quick and painless process. Where SOLIDWORKS Electrical 3D is linked with your 2D schematics which helps to create route automatically and get the lengths of your wires, cables, and harnesses.

ENHANCEMENTS:

Enhanced File tracking

- Track file downloads by individual users
- Easily view individual user Get actions with the new File Get log interface.
- Review critical information about who downloaded files, where they were downloaded to, and when.

Time	Updated By	Updated User	Action	Description	Warning
2022-08-11 00:09:40	Admin	Admin	Modified	Performed by Active Directory sync	
2022-08-11 00:09:23	Admin	Admin	Modified		
2022-08-08 19:08:43	Admin	Admin	Modified		
2022-08-08 19:06:15	Admin	Admin	Modified		
2022-08-08 19:05:51	Admin	Admin	Added		

Benefits :

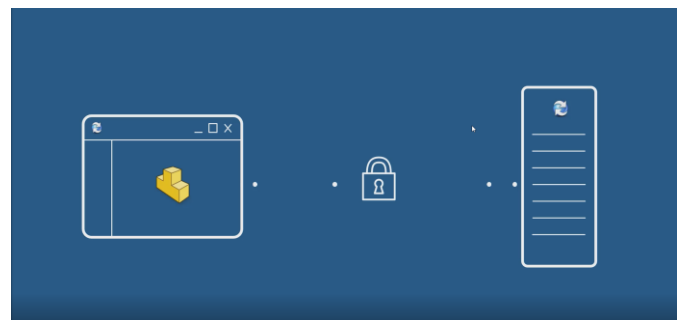
- ✓ Improve data security through more detailed audit trail information and file tracking.

Improved File Transfer Security

- Encrypt file traffic between the archive server and the client.

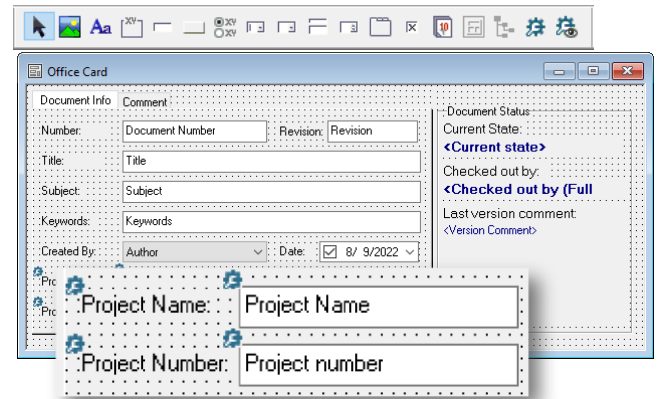
Benefits :

- ✓ Increase data security when files are in transit.



Better Visualization

- Communicate changes to design data better with the ability to customize PDM notification templates with HTML
- Utilize new file formats for data card images, including PNG, JPEG, and GIF formats.
- Add tool tips for data card controls.
- Display Thumbnails for eDrawings® files.

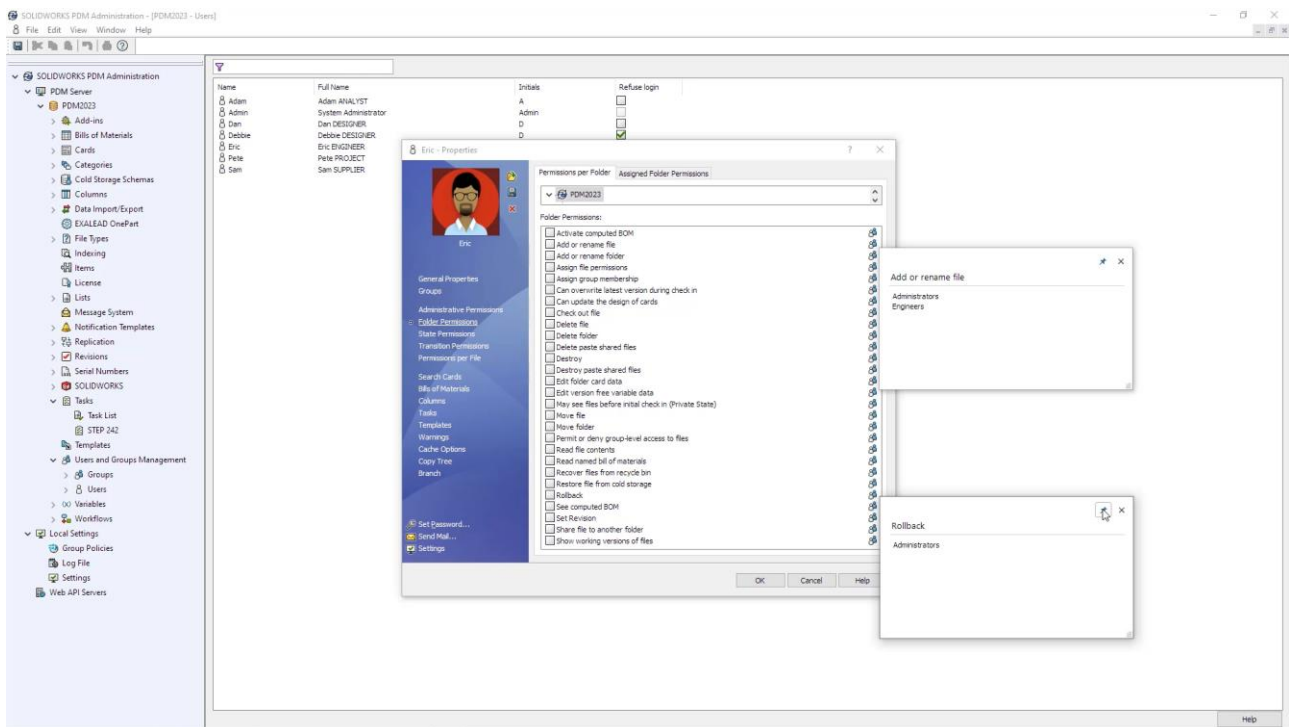
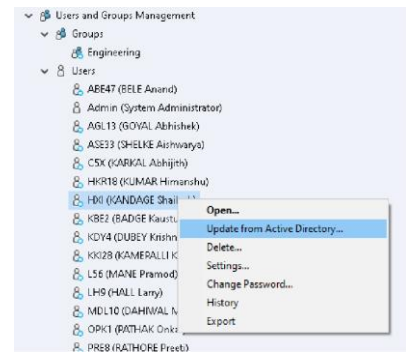


Benefits :

- ✓ Streamline notification information and improve the user experience.

Enhanced User and Group Controls

- Easily restore previously deleted users.
- Show inherited permissions by group.
- Update user information using the Active Directory sync function.





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Benefits :

- ✓ Improve user and group information and management

Increased Performance

- Upgrade SOLIDWORKS file versions faster using the File Version Upgrade Tool when overwriting the latest version.
- Speed up archive and database communication with the client through improved WAN performance.

Operation	Improvement (200 ms latency)
- Folder selection for the file operations	
Display check-in dialog	7x
Check-in	1.8x
Display undo check-out dialog	8x
Undo check-out	2.4x
Display check-out dialog	1.3x
Check-out	1.4x
Get latest	2.7x
Menus	1.2-3x

Benefits :

- ✓ Streamline upgrades and common operations in higher-latency environments



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