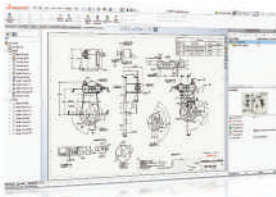# WHAT'S NEW IN SOLIDWORKS PDM 2018:
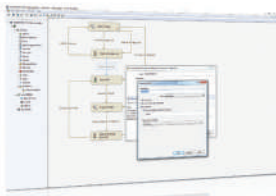## TOP TEN ENHANCEMENTS

1 **AUTOMATIC REVISION TABLE UPDATE**
- SOLIDWORKS® PDM can now manage and automatically update SOLIDWORKS revision tables.

Benefits

Streamlines engineering change processes by reducing manual data entry and drawing updating.
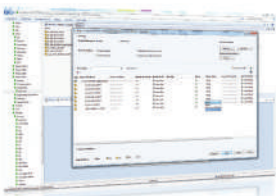
2 **AUTOMATED PDF CREATION FOR SOLIDWORKS DRAWINGS**
- SOLIDWORKS PDM Standard can automatically create PDFs from SOLIDWORKS drawing via Workflow transitions.

Benefits

Eliminates the manual creation of PDFs to enable better collaboration and helps the migration from Workgroup PDM.
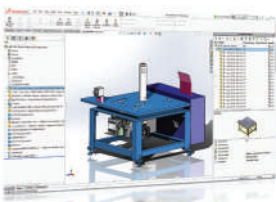
3 **DESIGN BRANCHING AND MERGING**
Vastly improves your ability to:
- Investigate multiple design approaches.
- Propose engineering changes.
- Work with suppliers and contractors.

Benefits

Investigate different design approaches without effecting approved files. Streamline the process of working with external users.
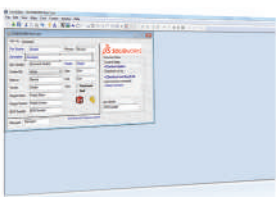
4 **3D INTERCONNECT COMPATIBILITY**
- SOLIDWORKS PDM now recognizes the file references of third-party CAD files established by 3D Interconnect. This provides quick access to complete contains, where used, and Bill of Material (BOM) information.

Benefits

Easily manage third-party CAD data in SOLIDWORKS PDM.

5 **DATA CARD EDITOR UNDO**
- SOLIDWORKS PDM lets you undo the changes done in the Card Editor for an active card. Previously, to undo the changes, you had to close and reopen the card without saving.

Benefits

Overall better user experience and streamlines data card editing.

6 DETAILED WARNING MESSAGES

- SOLIDWORKS PDM now provides more detailed warning messages when a transition fails. This provides better information to users so they know how to resolve the issue.

Benefits

Faster completion of state changes.

7 NEW PRODUCT FOR ADVANCED DATA MANAGEMENT

- SOLIDWORKS Manage is a new product that leverages the global file management capabilities of SOLIDWORKS PDM and adds advanced data management functions to manage projects timelines, more complex engineering change processes and workflows, extended Item management, interactive dashboards, and reports.

Benefits

Provides high powered data management capabilities and a seamless upgrade path from SOLIDWORKS PDM.

8 UPGRADED SOLIDWORKS PDM PROFESSIONAL CONNECTOR

- EXALEAD® OnePart rewritten connector based on the PDM Web Application Programming Interface (API) to improve performance, robustness, and stability.

Benefits

Indexing times for SOLIDWORKS PDM Professional 2017 vaults can be reduced dramatically.

9 EXALEAD ONEPART MIGRATION TOOL (BETA)

- This new tool allows you to migrate from a previous version of OnePart to a new one including the old data. Without the need for a full rescan to view your existing data in the new version of OnePart, the time required to setup a validation instance of the new OnePart can be slashed 10-fold to 100-fold. You can either use the OnePart installer or the Command Line Interface (CLI).

Benefits

Easily migrate index to new version of EXALEAD OnePart REUSE.

10 NEW SUPPORTED FILE FORMATS

EXALEAD OnePart now supports:

- AutoCAD® Inventor® V11; 2017
- SOLIDWORKS 2017
- SLDDRW text is now searchable
- Creo® 3
- NX11

Benefits

Index CAD files from more recent versions of CAD systems.

See the full range of SOLIDWORKS software for design, simulation, technical communication, and data management at www.solidworks.com/products2018.

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