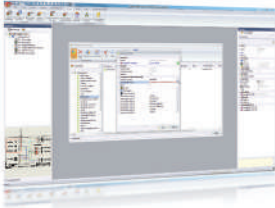


WHAT'S NEW IN SOLIDWORKS ECAD 2018: TOP TEN ENHANCEMENTS



1 CUSTOM CLASSES FOR COMPONENTS

- Streamlined and simplified part selection with the capability to create and display custom, customer-defined part classes.

Benefits

Provides streamlined and simplified part selection based on customer-defined library classifications.

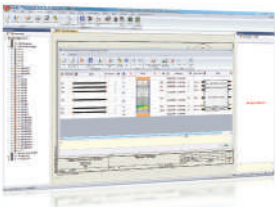


2 PDM TOOL FOR MECHANICAL PDM WORKFLOW

- First-of-its-kind technology that unifies electrical and mechanical data management.
- Provides a common data management platform for electromechanical design.
- Utilizes SOLIDWORKS® proven Product Data Management (PDM) capabilities.

Benefits

Provides SOLIDWORKS data management capabilities to SOLIDWORKS ELECTRICAL schematic and 3D electrical assemblies.



3 MULTI-LEVEL TERMINALS / TERMINAL STRIP ENHANCEMENTS

- Define additional levels, renumber terminal strips, and set component properties.
- Ability to Add 'Manufacturer parts and circuits' in the Component properties for the terminal strip.
- Ability to add accessory components to the terminal strip.

Benefits

Provides tools and capabilities to support the latest generation of complex 3D electrical terminals.

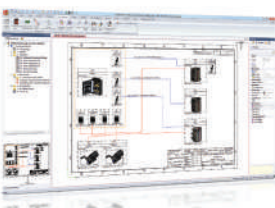


4 GLOBAL PROJECT SETTINGS

- Ability to define global parameters for all aspects of the project design.
- Has these new features: Project attribute, Drawing styles, Wire style Manager

Benefits

Simplifies the overall project setup experience.



5 DISTRIBUTED MODE

- Advanced technology that dramatically enhances SOLIDWORKS Electrical Schematic performance.
- Minimizes network traffic and large data operations during electrical schematic development.

Benefits

Boosts performance on large projects and remote users.



6 DB LINK

- Connect SOLIDWORKS PCB schematic parts to engineering or corporate database of component data.
- Transfer mapped information from database records to design component parameters.
- Enable component data management.

Benefits

Ensures component data integrity by utilizing properties from an approved data source.

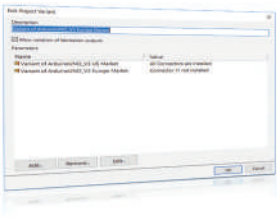


7 IPC FOOTPRINT / SCHEMATIC SYMBOL WIZARDS

- Create IPC-compliant Printed Circuit Board (PCB) footprints.
- Automatically generate footprints and schematic elements based on dimensional information.
- Based on formulas from the IPC-7351 standard.

Benefits

Simplifies the creation of schematic and footprint design elements.



8 VARIANT COLLABORATION

- Ability to push PCB variants into SOLIDWORKS.
- Utilize SOLIDWORKS clearance checks between variants.

Benefits

Provides a more accurate representation of form and fit.



9 SOLIDWORKS ELECTRICAL AND ROUTING INTEGRATION

- Streamline and integrate SOLIDWORKS Electrical and SOLIDWORKS Routing.
- SOLIDWORKS Routing Library Manager provides a common user platform.

Benefits

Common interface to define electrical design elements for SOLIDWORKS Routing and SOLIDWORKS Electrical.



10 ABILITY TO RECOGNIZE SOLIDWORKS FEATURES

- Streamline the feature recognition process in CircuitWorks™.
- Offers faster and more efficient identification and translation of feature.

Benefits

Enables enhanced mechatronic integration between SOLIDWORKS Mechanical and SOLIDWORKS ECAD.

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

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