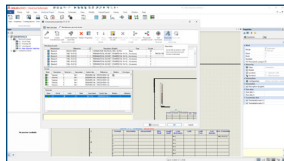


WHAT'S NEW IN SOLIDWORKS® 2026—ECAD

These enhancements apply to *SOLIDWORKS Electrical Schematic Professional Augmented* and *SOLIDWORKS Electrical Schematic Professional* unless stated otherwise.

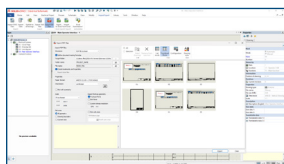


1 Assigning Accessory Parts to Specific Terminals or Circuits

- Assign fuses to fuse blocks, pins, sockets, seals, and plugs directly to terminals or circuits; clarify manufacturing steps; and ensure correct assembly.
- Create a full 2D electrical structure without modeling accessory components.

Benefits

Create complete BOM documentation in 2D for electrical designs with components and accessories.

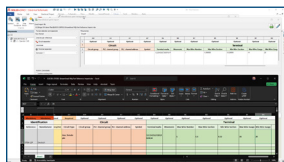


2 Improved Flexibility in PDF Export From Electrical

- Customize PDF exports with flexible options like organizing by project, book, or page and auto-adjusting page orientation.
- Speed up the setup of new PDF output settings using a new more intuitive interface.

Benefits

Quickly organize and output ultra clear PDF production documentation.

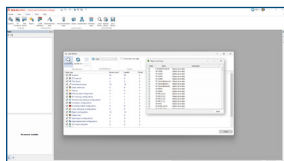


3 Streamlined Manufacturer Part and Cable Reference Import

- Accelerate library creation and improve data accuracy with faster import of manufacturer parts and cable references from Microsoft® Excel.
- Simplify data entry for multiple items like circuits, terminals, and cable cores.

Benefits

Improve speed and accuracy when creating electrical component and wire/cable libraries.

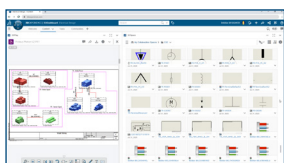


4 Load and Reload Feature in 3DEXPERIENCE® Libraries*

- Simplify electrical library management with load and reload capabilities from the 3DEXPERIENCE platform, ensuring team-wide design consistency.
- Speed up electrical library management with a streamlined interface that consolidates all comments into a single, easy-to-access toolbar.

Benefits

Improve design consistency by simplifying electrical library management.



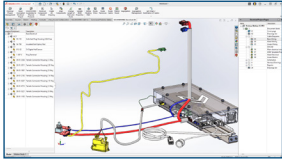
5 Saving Local Libraries to 3DEXPERIENCE*

- Enable users to contribute local electrical content to a central library on the 3DEXPERIENCE platform.
- Reuse output from electrical content creators to eliminate duplicate work and ensure consistent results across the team.

Benefits

Save local electrical libraries to the 3DEXPERIENCE platform to centralize valuable content.

* Applies to *SOLIDWORKS Design Electrical Schematic Professional Augmented*

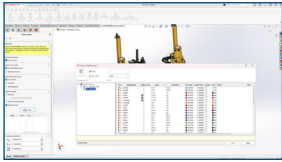


6 NEW role: SOLIDWORKS Electrical 3D Augmented

- Provide a direct, two-way connection between 3D CAD and SOLIDWORKS Electrical Schematic Professional Augmented.
- Place electrical components in 3D, auto-route wires and cables using rules, and generate accurate production documentation like wire lengths and harness drawings.

Benefits

Streamline workflows with integrated electrical design and routing on the 3DEXPERIENCE platform.

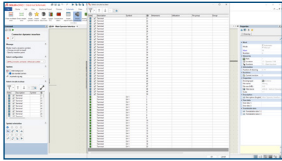


7 Route Wires Property Manager Enhancement**

- Simplify harness design by routing selected wires directly through the Route Wires property manager, enhancing control and efficiency.
- Focus routing on a specific wire or a set of wires, just like with cables, for greater precision and flexibility in harness design.

Benefits

Accelerate 3D electrical workflows by routing specific wires.

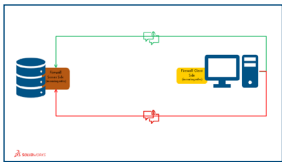


8 Dynamic Connector Insertion Improvements

- Simplify connector insertion with direct symbol access and a new, detailed circuit selection dialog for faster, more accurate design choices.
- Improve circuit list layout, sorting, filtering, and limit controls for faster, easier navigation.

Benefits

Streamline connector insertion with improved access, circuit selection, filtering, and control options.

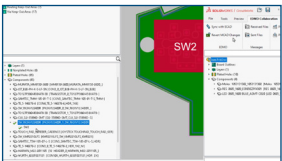


9 Collaborative Server Enhancement**

- Enhance compatibility with modern IT environments through optimized client-to-server connections for more reliable performance.
- Initiate all communication from the client to eliminate server-to-client connections, reduce firewall complexity, and enhance network security.

Benefits

Boost IT security and compatibility with client-initiated connections and no client-side firewall changes.



10 Enhancements to ECAD-MCAD Collaboration Using IDX 3.0***

- Enhance IDX 3.0 collaboration by tracking parent-child relationships for precise synchronization of Keep-in, Keep-out, PTH, and NPTH data.
- Overwrite previous pushes, review and reverse MCAD changes before ECAD updates to cut errors, rework, and design cycle time.

Benefits

Strengthen ECAD-MCAD collaboration through data tracking, change control, and faster design cycles.

** Applies to SOLIDWORKS Electrical 3D and SOLIDWORKS Electrical Schematic Professional

*** Applies to CircuitWorks™

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