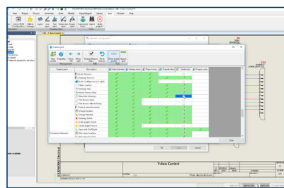


WHAT'S NEW IN SOLIDWORKS 2020—ECAD

SOLIDWORKS Electrical

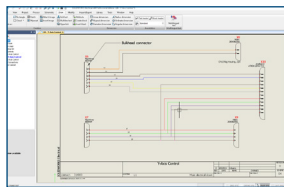


1 User Rights Customization

- Customize user access to areas such as libraries, projects, project data, and drawing controls for members of your workgroup.

Benefits

Ensure data security and output consistency with the ability to customize user access.

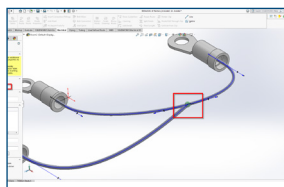


2 Expanded Documentation For Schematic and Control Panel Design

- Create Leaders and Balloon callouts on drawings along with row numbers in Reports.

Benefits

Speed up the completion of your design and documentation with improved documentation tools.

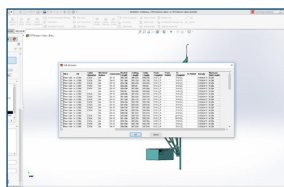


3 Electrical Splice Creation Without Components

- Create welded or soldered connections in the schematic and have these design details propagate to the 3D representation without a splice entry in the bill of materials.

Benefits

Create splice connections with or without an actual splice component to meet your design intent.

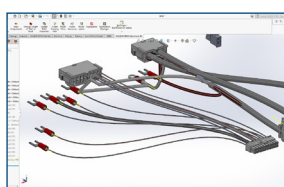


4 Calculation of Mass Properties For Wires, Cables, and Electrical Harnesses

- Determine the mass properties of your wire, cable, and electrical harness designs inside the 3D model of your overall machine, product, or vehicle.

Benefits

Gain a more realistic understanding of your product by determining the mass properties of electrical equipment and wiring.



5 Incremental Design Update

- Have only changes made in the schematic, not the entire design, propagated to the 3D model and flattened drawing representation.

Benefits

Improve the speed of downstream documentation updates by propagating only design changes.

