

WHAT'S NEW IN SOLIDWORKS 2013 SOLUTIONS



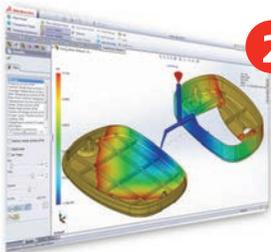
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NEW PRODUCT! SOLIDWORKS® ELECTRICAL

SolidWorks Electrical enables quick design of your electrical and control systems. Single- and multi-line schematics creation, and integration with your 3D model with real-time bi-directional linking between 2D schematics and 3D models, automatic wire routing, and integrated BOMs.

► BENEFITS

Simplify and streamline your electrical system design by integrating your mechanical and electrical systems earlier in the process.



2

NEW PRODUCT! SOLIDWORKS PLASTICS

SolidWorks Plastics helps you easily identify and address potential defects in your plastic part or injection mold tool designs early in the design process. It covers thousands of commercial plastics and includes analysis for weld lines, sink marks, multi-cavity layouts, and runner balancing.

► BENEFITS

Simulate injection processes during the design phase to isolate potential issues before moving to manufacture and risking costly defects and rework.



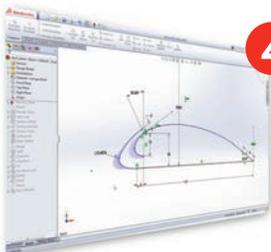
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PREVIOUS RELEASE INTEROPERABILITY

Collaborate with customers, suppliers, and internal teams when using a mix of SolidWorks 2013 and SolidWorks 2012 (SP5). Files can be opened directly and associativity is maintained, with no export/import required.

► BENEFITS

Work more efficiently and improve collaboration and file exchange between different teams, reducing delays.



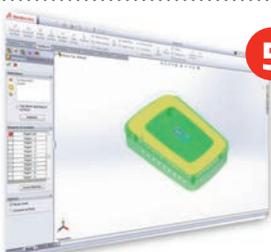
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CONICS IN SKETCHER

New sketch functionality enables you to create conic curves driven by endpoints and rho value, permitting elliptical, parabolic, or hyperbolic curves without the need to use splines or equations.

► BENEFITS

Easily create true conic geometry to get exactly the profile you need or create smooth transitions with better control between existing geometries to improve designs.



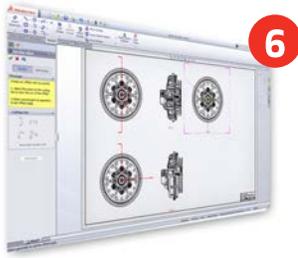
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INTERSECT FEATURE

New modeling tool enables you to add and remove geometry in one operation. You can intersect solids, surfaces, and planes, as well as merge solids and cap surfaces, to define closed volumes and create multiple geometries simultaneously.

► BENEFITS

Quickly and easily create or modify complex designs from intersecting geometry.



SECTION VIEW TOOL ENHANCEMENTS

The enhanced Section View tool makes creating section views in drawings faster, with simple drag-and-drop placement. You can click, drag, and jog to modify section profiles on the fly.

► BENEFITS

Simplifies and automates the creation of section views by eliminating the need to manually create a section sketch enabling faster drawing creation.



CAD ADMINISTRATOR DASHBOARD

Online dashboard tracks performance, hardware status, and SolidWorks System Options settings for each computer running SolidWorks software at your company, with access from anywhere through the SolidWorks Customer Portal.

► BENEFITS

Quickly and easily monitor your SolidWorks workstation status and performance, and keep your design team running smoothly and at peak efficiency.



VARYING DIMENSION PATTERN FEATURE

New options in Linear and Circular Pattern features enable you to vary feature dimensions and instance locations incrementally for the entire pattern or individually for each instance.

► BENEFITS

Save time creating patterns, increase design flexibility, and reduce the number of features needed for your model.



SOLIDWORKS COSTING ENHANCEMENTS

New Costing enhancements expand and improve manufacturing process coverage and recognition, with support for turning, mill-turn, and multi-body parts, as well as new APIs to access data for downstream manufacturing.

► BENEFITS

Automatically cost more types of parts, create more accurate cost estimates, and pass data to manufacturing more easily.



SUB-MODELING FOR SIMULATION

Easily create sub-model studies of your designs to get more accurate results for specific areas, while automatically utilizing loads and boundary conditions applied to the full model.

► BENEFITS

Accurately perform precise simulation analysis for specific areas of large and complex models faster and more efficiently.

SolidWorks 2013 includes over 200 new features and enhancements covering the entire range of SolidWorks solutions for 3D design, simulation, technical communication, product data management, and sustainable design to maximize your productivity.

► LEARN MORE

For more information, visit www.solidworks.com/products2013.

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