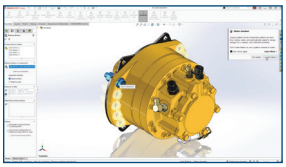
SOLIDWORKS

3DEXPERIENCE

WHAT'S NEW IN SOLIDWORKS® 2027—DESIGN



1 In-Context Design and Performance Assistants

- Get timely, action-specific guidance while using advanced SOLIDWORKS Design workflows.
- Automatically detect, assemble and suppress threads on fasteners, as well as assemble entire fastener stacks faster.
- Monitor assembly health with performance indicators for graphics, mates, and circular references.

Benefits

Work faster with less manual setup and clearer assembly performance guidance.

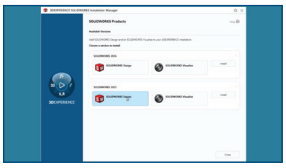


2 Ability to Import Massive Point Clouds With Color

- Import massive point-cloud files in full color for easier interpretation of details.

Benefits

Interpret massive point-cloud details more clearly.

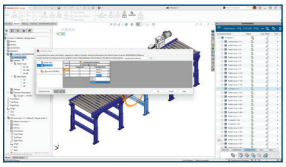


3 Multiple-Version Installation

- Install multiple versions of SOLIDWORKS Design to help collaborate with partners using a different version.

Benefits

Create shortcuts and modify installations quickly.

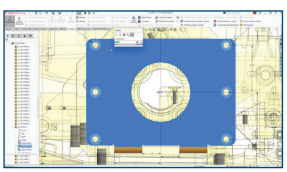


4 Define Model Variability Feature

- Define variants, options, and numerical parameters that drive part and assembly features.
- Configure complex, structured products across multiple design levels without repetitive manual updates.

Benefits

Configure product variants faster with less manual rework.



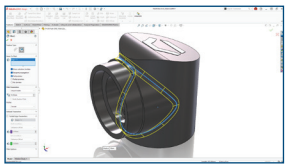
5 In-Context Editing for LDR and Background Processing

- Edit components directly in the context of an assembly opened in Large Design Review mode, the fastest way to open large assemblies.
- Import large non-native models, including STEP and IGES files, in the background.
- Update drawings for modified parts and assemblies in the background.

Benefits

Work faster with large designs, including editing components, importing files, and updating drawings.

DASSAULT SYSTEMES

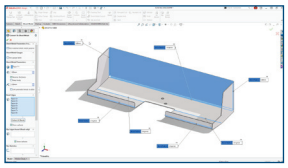


6 Chord Width Fillet Option

- Specify chord width instead of radius for Constant Size fillets.
- Define fillet geometry using the dimensioning method that best fits your design.

Benefits

Create constant-width fillets with greater flexibility and control over design intent.

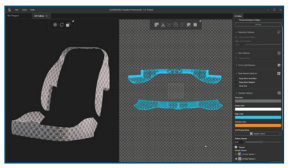


7 Sheet Metal Bend Editing and Stamping

- Create stamped geometry directly on bend regions in sheet metal parts.
- Modify bend radii on imported bend faces during or after sheet metal conversion, avoiding workaround steps and rebuilding of converted geometry.

Benefits

Model manufacturable sheet metal features faster and more accurately.

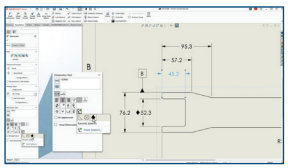


8 UV Unwrapping and Editing

- Control how textures wrap around 3D models using UV unwrapping and editing tools.
- Reduce distortion and rework when applying visual materials and textures.
- Create higher-quality, more realistic model appearances.

Benefits

Create more realistic visuals with cleaner, more controlled texture mapping.

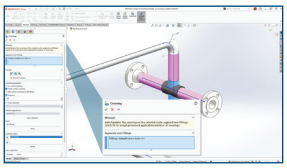


9 Favorite Symbols Folder for Dimensions and Annotations

- Save your most-used dimension and annotation symbols to a dedicated Favorites folder for instant access.

Benefits

Reduce time spent searching symbol libraries during documentation.



10 Uniform Covering Across Pipes and Fittings

- Apply coverings automatically across fittings, including tees, crosses, and reducers.

Benefits

Eliminate manual adjustments and save design time in piping and routing workflows.

Dassault Systèmes is a catalyst for human progress. Since 1981, the company has pioneered virtual worlds to improve real life for consumers, patients and citizens.

With Dassault Systèmes' **3D**EXPERIENCE platform, 370,000 customers of all sizes, in all industries, can collaborate, imagine and create sustainable innovations that drive meaningful impact.

For more information, visit: **www.3ds.com**

Virtual Worlds for Real Life

DASSAULT SYSTEMES

©2026 Dassault Systèmes. All rights reserved. **3DEXPERIENCE**, the 3DS logo, the Compass icon, IFWE, 3DEXCITE, 3DVIA, BIOVIA, CATIA, CENTRIC PLM, DELMIA, ENOVIA, GEOVIA, MEDIDATA, NETVIBES, OUTSCALE, SIMULIA and SOLIDWORKS are commercial trademarks or registered trademarks of Dassault Systèmes, a European company (Societas Europaea) incorporated under French law, and registered with the Versailles trade and companies registru under number 322 306 440, or its subsidiaries in the United States and/or other countries. All other trademarks are owned by their respective owners. Use of any Dassault Systèmes or its subsidiaries' trademarks is subject to their express written approval.