




SOLIDWORKS Composer

| |  SOLIDWORKS COMPOSER |  SOLIDWORKS COMPOSER PLAYER PRO |  SOLIDWORKS COMPOSER SYNC |  SOLIDWORKS COMPOSER ENTERPRISE SYNC |  SOLIDWORKS COMPOSER CHECK |
|--|---|---|---|--|--|
| CAD Format Support | ✓ | | | | |
| Update Visual Content | ✓ | | | | |
| Faster Content Development | ✓ | | | | |
| Document Processes | ✓ | | | | |
| Create Animations | ✓ | | | | |
| Customize BOMs | ✓ | | | | |
| Automate Processes | ✓ | | ✓ | ✓ | |
| Viewing Customization | | ✓ | | | |
| Multiple Output Formats | | ✓ | | | |
| Keep All Product Information Current | | | ✓ | ✓ | |
| Automatically Update Product Information | | | ✓ | ✓ | |
| Command Line Interface Accessibility | | | | ✓ | |
| Check for Design Errors | | | | | ✓ |
| Clash Detection | | | | | ✓ |

What's SOLIDWORKS Composer?

SOLIDWORKS Composer repurposes nearly any 3D model for multiple technical publication deliverables 80% faster than standard practices.

- Printed Manuals for Assembly, Operation, and Maintenance
- Raster and Vector Technical Product Images
- Interactive Part Catalogues with Bill of Materials
- Animation Presentations for Fly-Through and Product Operation

SOLIDWORKS Composer

SOLIDWORKS Composer allows you to quickly create 2D and 3D graphical content to clearly explain and present your product or process. The tools let you work directly from 3D CAD data to create high-quality illustrations, interactive animations, and to import design data.

SOLIDWORKS Composer Sync

SOLIDWORKS Composer Sync creates a batch conversion process from 3D CAD and other 3D formats into SOLIDWORKS Composer format. Changes in product data or manufacturing information can be automatically updated. You can save batch job settings to XML for future use.

SOLIDWORKS Composer Player Professional

Interact with 3D content using SOLIDWORKS Composer Player Professional. It includes all the features of the SOLIDWORKS Composer Player, but also enables you to interrogate a model, adjust the viewing angle, and rotate/pan/zoom in real time. You can also use custom APIs to customize the Player.

SOLIDWORKS Composer Enterprise Sync

SOLIDWORKS Composer Enterprise Sync is the enterprise version of SOLIDWORKS Composer Sync with additional features to update information for maintaining accurate product technical communication.

SOLIDWORKS Composer Check

With SOLIDWORKS Composer Check, you can identify costly design errors by examining clearances and planning production paths before the products hit the shop floor, giving you instant validation for assembly procedures after a design change.

CAD Format Support

COMP

SOLIDWORKS Composer supports a wide range of 3D CAD formats, including SOLIDWORKS, Pro/ENGINEER/Creo®, and Autodesk® Inventor, as well as neutral file formats such as STEP, IGES, and others.

Update Visual Content

COMP

Update content with the latest design changes (geometry, Bill of Materials (BOM) tree, metadata, and others.)

Faster Content Development

COMP

Work directly from 3D CAD data and create 2D and 3D graphical content in multiple formats, such as raster images (JPG, BMP, TIF, PNG); vector images (SVG, EPS, SVGZ, CGM); videos (AVI); and 3D interactive animations (3D PDF, HTML, SMG); executable package, (ActiveX control). Add annotations (auto balloons, BOM table, arrows, and detail views). Change appearances (hide/show, transparency, and colors).

Document Processes

COMP

Create step by step step-by-step procedures showing incremental components.

Create Animations

COMP

Create interactive storyboards by adding links to relevant views. Animate appearances and custom properties. Create keyframe animation by drag-and-drop views on timeline. Create interactive animations with markers and filter timeline keys for finer control.

Customize BOMs

COMP

Create a manufacturing BOM independent of an engineering BOM. Customize parts lists and properties for each view.

Automate Processes

COMP SYNC ENTER

Automate batch mode import of 3D files and publishing content. Automate document creation within existing workflow systems. Automate document translation by using custom XML programming.

Viewing Customization

PRO

View step-by-step interactive instructions with no additional user interface required. Rotate, zoom, animate, measure, view BOM, section (rights-controlled by author). Create custom applications to distribute internally or through a website.

Multiple Output Formats

PRO

Provide multiple formats for 2D output (such as BMP, PNG, EPS) and animation (such as AVI).

Keep All Product Information Current

SYNC ENTER

Keep all graphical content and technical communication deliverables current.

Automatically Update Product Information

SYNC ENTER

Minimize the time it takes to update graphical assets and critical design information. Automatically update metadata, geometry, BOM, and other manufacturing information.

Command Line Interface Accessibility

ENTER

Use the interface of Sync and a command line interface to enable integration with PLM applications throughout your organization.

Check for Design Errors

CHECK

Identify errors before products hit the shop floor giving you instant validation for assembly procedures after a design change.

Clash Detection

CHECK

Interactive static and dynamic collision detection for service qualification and assembly procedures and path planning.



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