

## SolidWorks Composer 2024

|   | Feature   | Composer | Composer Player Professional | Composer Sync | Composer Enterprise Sync | Composer Check |
|---|---|----------|------------------------------|---------------|--------------------------|----------------|
| 1 | <b>CAD Format Support</b><br>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  | ✓        |                              |               |                          |                |
| 2 | <b>Update Visual Content</b><br>Update content with the latest design changes (geometry, Bill of Materials (BOM) tree, metadata, and others.)   | ✓        |                              |               |                          |                |
| 3 | <b>Faster Content Development</b><br>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) | ✓        |                              |               |                          |                |
| 4 | <b>Document Processes</b><br>Create step by step step-by-step procedures showing incremental components   | ✓        |                              |               |                          |                |
| 5 | <b>Create Animations</b><br>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  | ✓        |                              |               |                          |                |
| 6 | <b>Customize BOMs</b><br>Create a manufacturing BOM independent of an engineering BOM. Customize parts lists and properties for each view   | ✓        |                              |               |                          |                |
| 7 | <b>Automate Processes</b><br>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  | ✓        |                              | ✓             | ✓                        |                |
|   | <b>Viewing Customization</b>  |          |                              |               |                          |                |

|    |  |  |   |   |   |   |
|----|--|--|---|---|---|---|
| 8  | 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 |  | ✓ |   |   |   |
| 9  | <b>Multiple Output Formats</b>   |  | ✓ |   |   |   |
|    | Provide multiple formats for 2D output (such as BMP, PNG, EPS) and animation (such as AVI)   |  |   |   |   |   |
| 10 | <b>Keep All Product Information Current</b>  |  |   | ✓ | ✓ |   |
|    | Keep all graphical content and technical communication deliverables current.   |  |   |   |   |   |
| 11 | <b>Automatically Update Product Information</b>  |  |   | ✓ | ✓ |   |
|    | Minimize the time it takes to update graphical assets and critical design information. Automatically update metadata, geometry, BOM, and other manufacturing information   |  |   |   |   |   |
| 12 | <b>Command Line Interface Accessibility</b>  |  |   |   | ✓ |   |
|    | Use the interface of Sync and a command line interface to enable integration with PLM applications throughout your organization  |  |   |   |   |   |
| 13 | <b>Check for Design Errors</b>   |  |   |   |   | ✓ |
|    | Identify errors before products hit the shop floor giving you instant validation for assembly procedures after a design change.  |  |   |   |   |   |
| 14 | <b>Clash Detection</b>   |  |   |   |   | ✓ |
|    | Interactive static and dynamic collision detection for service qualification and assembly procedures and path planning.  |  |   |   |   |   |