

SolidWorks Composer

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

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