SolidWorks Composer 2023

	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					

#	Feature					
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 asBMP, 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.					✓