

## Upgrade Matrix

Technical illustration feature	Corel DESIGNER® Technical Suite X5	CorelDRAW® Graphics Suite X5	
<b>Connect to technical design assets</b>			
<b>Corel® CONNECT™</b> Search your computer, local network, an external storage device, or online sources to quickly find the perfect complement for a technical drawing.	✓	✓	
<b>File format support</b> Take advantage of industry-leading file format compatibility.	100+	100+	
<b>3D import</b> Import, view, modify, and output 3D models, such as AutoCAD®, Google® SketchUp™ (SKP), 3D Studio (3DS), and Virtual Reality Modelling Language (VRML).	✓		
<b>3D CAD import</b> Native support for CATIA®, Pro/ENGINEER®, SolidWorks®, NX, Inventor®, STEP, IGES, SAT, and many more.	✓ <b>Optional!</b> with Deep Exploration™ CCE		
<b>AutoCAD® DWG™ / AutoCAD® DXF™ support</b> Improved support for AutoCAD DXF and AutoCAD DWG (R2.5 to 2010) ensures easy, error-free data conversion.	✓ <b>Advanced!</b>	(✓)	
<b>Micrografx Designer support (DSF, DRW, DS4)</b> Backward compatibility with Micrografx Designer helps you work seamlessly with legacy files.	✓ <b>Advanced!</b>	(✓)	
<b>Raw camera support</b> Import and adjust RAW camera files directly from your digital camera, and preview changes in real time.	✓	✓	
<b>Vectorization of scanned blueprints</b> Smoothly convert bitmaps and scanned images into editable vector graphics with Corel® PowerTRACE®.	✓	✓	
<b>Windows® 7 support</b> Work in the latest Windows environment with support for touch-screen navigation (touch-screen computer required).	✓	✓	
<b>Technical symbol library</b> Use any of the included 4,000 symbols distributed across 80 symbol libraries, with new tools and hands symbols.	✓		
<b>Large thumbnail previews</b> Quickly and easily find, preview, and organize your content.	✓	✓	
<b>Create technical illustrations with confidence</b>			
<b>Projected drawing modes</b> Draw directly on parallel projected planes, such as isometric, diametric, or custom projections, to create the illusion of a three-dimensional image.	✓		
<b>Object Origin Control</b> Achieve greater precision when moving or scaling objects by using a specified origin.	✓		
<b>Geometric Information dialog box</b> Access geometric information, such as the length, perimeter, and area of objects.	✓		

✓ = Feature included  
 (✓) = Limited feature availability

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<b>Create technical illustrations with confidence</b>			
<b>Callouts</b> Easily add callouts, and work with static or dynamic callout text sources.	 <b>Advanced!</b> (with presets, halos, callout text sources, and automatic renumbering)		
<b>Dimension tools</b> Work with dynamic and static dimension text, and easily customize dimension lines.	 <b>Advanced!</b> (with presets, and both radial and diametric options)		
<b>Reverse dimension line arrowheads</b> Add reverse arrowheads to dimension lines.			
<b>Gravity snapping</b> Create and position objects with accuracy by snapping the cursor to various points.	 <b>Advanced!</b> (with keyboard shortcuts)		
<b>Connector line tools</b> Use connector lines with Smart Drawing technology, which automatically adjusts overlapping connector lines.			
<b>Enhanced line styles</b> Take advantage of enhanced line styles, such as shapes, zigzags, or multiple lines, to create diverse patterns.			
<b>Halos on curves and connector lines</b> Ensure the readability of your diagrams and flowcharts by using halos for exploded views or on items that overlap.			
<b>Photo editing</b> Quickly and easily retouch and enhance photos with Corel PHOTO-PAINT.			
<b>Review and collaboration tools</b> Use CorelDRAW® ConceptShare™ to collaborate with colleagues and clients on designs in a secure, online workspace.			
<b>Publish to technical illustration standards</b>			
<b>CGM v4</b> (WebCGM, ATA Grexchange, ActiveCGM) Work with industry-standard CGM profiles.	 <b>Advanced!</b> (ATA Grex 2.4 + 2.6)	 (WebCGM 1.0 only)	
<b>WebCGM 2 + S1000D support</b> Create, interchange, and deliver standardized technical illustrations.			
<b>Export for Web dialog box</b> Compare the results of various filter settings to determine the best output format with the Export for Web dialog box.			
<b>PDF output</b> Output PDF files, with support for Adobe® Acrobat® 9, heightened security encryption, and the ISO-compliant PDF/A archiving format.			
<b>3D PDF output</b> Publish 3D models to 3D PDF format.	 <b>Optional!</b> (with Deep Exploration™ CCE)		