

Upgrade Matrix

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

✓ = Feature included
(✓) = Limited feature availability

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