

Upgrade Matrix

Technical illustration feature	Corel DESIGNER® Technical Suite X5	Corel DESIGNER® Technical Suite X4	Corel DESIGNER® Technical Suite 12	Corel DESIGNER® 10
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.	✓ NEW!			
File format support Take advantage of industry-leading file format compatibility.	100+ Enhanced!	100+	75+	60+
AutoCAD® DWG™ / AutoCAD® DXF™ support Improved support for AutoCAD DXF and AutoCAD DWG (R2.5 to 2010) ensures easy, error-free data conversion.	✓ Enhanced! r2.5 – v2010	✓ r2.5 – v2009	✓ r12 – v2006	✓ r12 - v2000
Micrografx Designer® support (DSF, DRW, DS4) Backward compatibility with Micrografx Designer helps you work seamlessly with legacy files.	✓	✓	✓	(✓)
Large thumbnail previews Quickly and easily find, preview, and organize your content.	✓	✓		
3D import Import, view, modify, and output 3D models, such as AutoCAD® DWG™ and DXF™, Google® SketchUp™ (SKP), 3D Studio (3DS), and Virtual Reality Modelling Language (VRML).	✓ Enhanced! with Deep Exploration™ 6 CSE	✓		
Raw camera support Import and adjust RAW camera files directly from your digital camera, and preview changes in real time.	✓ Enhanced! (more than 360 D-SLR models)	✓		
Vectorization of scanned blueprints Smoothly convert bitmaps and scanned images into editable vector graphics.	✓ Enhanced! with Corel® PowerTRACE® X5	✓	✓	✓

✓ = Feature included
(✓) = Limited feature availability

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Create technical illustrations with confidence				
Multi-core support Complete tasks faster with powerful performance enhancements that leverage multi-core processing to maximize your computer's power.	✓ NEW!			
Windows® 7 support Work in the latest Windows environment with support for touch-screen navigation (touch-screen computer required).	✓ NEW!			
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 Save time and gain precision when moving or scaling objects by using a specific origin.	✓ NEW!			
Chamfered, scalloped, and round corners Stretch rectangles with rounded corners without distortion, and the original radius of a corner is maintained during scaling.	✓ Enhanced!	(✓)	(✓)	
Hatch fills Fill objects with hatch patterns to clearly distinguish materials or object relationships.	✓	✓	✓	
Callout tool Add callouts in a single click, with leader lines, halos, text, and a new option for automatic renumbering of all callouts in an illustration.	✓ Enhanced!	✓	✓	(✓)
Custom arrowheads Enhance dimension, callout, and connector lines with custom arrowheads.	✓	✓		
Optimize geometric objects Convert curves to ellipses and fix disconnected curves by using the advanced Join Curves docker.	✓ Enhanced!	✓	✓	
Geometric Information dialog box Access geometric information, such as the length, perimeter, and area of objects.	✓	✓		
Live-preview precision illustration Use the Object Coordinates docker to specify coordinates for new or modified objects with onscreen preview to immediately see the results of changes.	✓	✓		

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Create technical illustrations with confidence				
Smart Fill tool Quickly apply a fill to any enclosed area of an object.	✓	✓		
Interactive Table tool Use tables to provide a structured layout for text and graphics.	✓	✓		
Connector line tools Quickly and easily add advanced connector lines to flowcharts and business diagrams.	✓	✓	(✓)	(✓)
Halos on curves Ensure that diagrams, instructions, and flowcharts are easy to read by using halos on curves.	✓	✓		
Photo editing Use a professional image editor to adjust and refine photos and images.	✓ Enhanced!	✓	✓	
Publish to technical illustration standards				
CGM v4 (WebCGM, ATA Grexchange, ActiveCGM) Work with industry-standard CGM profiles.	✓ (ATA Grex 2.4 + 2.6)	✓ (ATA Grex 2.4 + 2.6)	✓ (ATA Grex 2.4)	
WebCGM 2.0, 2.1 + S1000D support Create, interchange, and deliver standardized technical illustrations.	✓ NEW!			
EPS Level 3 support Postscript® 3 files are now fully supported for output and import.	✓ Enhanced!	(✓)	(✓)	(✓)
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.	✓ Enhanced!	(✓)	(✓)	(✓)
PDF output Output PDF files, with support for Adobe® Acrobat® 9, heightened security encryption, and the ISO-compliant PDF/A archiving format.	✓ Enhanced!	✓ (PDF 1.7, PDF/A, password protection)	✓ (PDF 1.5)	✓ (PDF 1.4)
Web animation tools Quickly and easily create stunning interactive Adobe® Flash® animations.	✓ NEW! (with SWiSH miniMax™ 2)			
Review and collaboration tools Use CorelDRAW® ConceptShare™ to collaborate with colleagues and clients on designs in a secure, online workspace.	✓	✓		