CorelDRAW TECHNICAL SUITE X6

Includes Corel DESIGNER®

Upgrade Matrix

	CorelDRAW® Technical Suite X6	Corel DESIGNER® Technical Suite X5	Corel DESIGNER® Technical Suite X4	Corel DESIGNER® Technical Suite 12	Corel DESIGNER® 10
Access and repurpose technical design assets					
Corel® CONNECT™ content organizer Search your computer, local network, external storage device or online sources to quickly find the perfect complement for a technical drawing.	✓ ENHANCED! Multiple trays & advanced search	✓			
File format support Open and work with files in all of the industry's leading formats.	100+ ENHANCED!	100+	100+	75+	60+
AutoCAD DWG / DXF support Improved and updated support for DWG (AutoCAD, CorelCAD™ and others) and DXF ensures easy, error-free data conversion.	✓ (r2.5 – v2013)	✓ (r2.5 – v2010)	✓ (r2.5 – v2009)	✓ (r2.5 – v2006)	✓ (r2.5 – v2000)
Micrografx Designer support (DSF, DRW, DS4) Backward compatibility with Micrografx Designer helps you work seamlessly with legacy files.	✓	✓	✓	✓	(✓)
3D import Import, view and modify 3D models, including AutoCAD DWG and DXF, 3D Studio (3DS) and Virtual Reality Modelling Language (VRML).	✓ NEW! XVL technology	✓	✓		
Large thumbnail previews Quickly and easily find, preview and organize your content.	✓	✓	✓		
Raw camera support Import and adjust RAW camera files directly from your digital camera, and preview changes in real time.	✓ ENHANCED! (more than 400 D-SLR models)	✓	✓		
Vectorization of scanned blueprints Smoothly convert bitmaps and scanned images into editable vector graphics.	✓ PowerTRACE® X6	✓ PowerTRACE® X5	✓ PowerTRACE® X4	(✓)	(✓)
Native 3D CAD support (optional add-on) Open and work with the latest 3D CAD file formats, including CATIA, PTC Creo (formerly Pro/ENGINEER), SolidWorks, Inventor, NX, IGES, STEP, JT and more.	✓ ENHANCED! (XVL Studio 3D CAD Corel Edition)	✓ (Deep Exploration™ 6.5 CCE)	✓ (Deep Exploration™ 5.7 CCE)	(✓) (Corel DESIGNER Professional)	

✓ = Feature included   (✓) = Limited feature availability

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| Create technical illustrations with precision	CorelDRAW® Technical Suite X6	Corel DESIGNER® Technical Suite X5	Corel DESIGNER® Technical Suite X4	Corel DESIGNER® Technical Suite 12	Corel DESIGNER® 10
Projected drawing modes Draw directly on parallel projected planes, such as isometric, diametric, or custom projections, to create the illusion of a 3D image.	✓	✓	✓		
Projected dimensions The new projected dimension options eliminate the need to draw and project dimension objects in multiple steps.	✓ NEW!				
Insert 3D Embed 3D models as 3D elements in Corel DESIGNER® illustration files with integrated XVL Player.	✓ NEW!				
Drawing scale control Manipulate the drawing scale from the toolbar at any time for precise technical illustrations.	✓ ENHANCED!	(✓)	(✓)	(✓)	(✓)
Object origin control Save time and gain precision when moving or scaling objects by using a specific origin.	✓	✓			
Dynamic guides and alignment tools Temporary guidelines appear when you create, resize, or move objects with suggested alignments to existing elements. Gravity snapping and dynamic guidelines help position objects precisely in relation to other objects.	✓ NEW! Alignment guides	✓	✓	(✓)	(✓)
Hatch fills Fill objects with vector hatch patterns to clearly distinguish materials or object relationships.	✓	✓	✓	✓	
Callout tools Add callouts in a single click, with leader lines, halos, text and more. New dynamic callouts link to source object metadata to make updating callouts fast and easy.	✓ ENHANCED! Dynamic and linked callouts	✓	✓	✓	(✓)
Optimize geometric objects Convert curves to ellipses and fix disconnected curves by using the advanced Join Curves docker.	✓	✓	(✓)	(✓)	
Geometric information dialog box Access geometric information, such as the length, perimeter, and area of objects.	✓	✓	✓		

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Create technical illustrations with precision					
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.	✔	✔	(✔)		
Smart Fill tool Quickly apply a fill to any enclosed area of an object.	✔	✔	✔		
Tables Create and import 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.	✔	✔	✔	✔	
Smart Carver Easily remove unwanted areas from a photo and simultaneously adjust the photo's aspect ratio.	✔ NEW!				
Straighten image Quickly and easily straighten images with interactive controls.	✔	✔	✔		
Image Adjustment Lab Easily and efficiently adjust photos with the powerful Corel® PHOTO-PAINT™ application.	✔	✔	✔		
Cutout Lab Draw a line with a marker around a selection and let this tool efficiently determine the background to be removed from the relevant portion of a photograph to be used in technical documentation.	✔	✔	✔	✔	
Freehand Pick tool Use the new Freehand Pick tool to select an object or group of objects by dragging a freehand marquee around them.	✔ NEW!				

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Maintain style and consistency					
Object Styles and Style Sets Easily create fill, callout, symbol and dimension styles and Style Sets, which are groups of styles that you can later edit once and have the changes applied instantly throughout a project.	✔ NEW!				
Color Styles and Harmonies Save time and modify colors collectively by creating a Color Style out of the colors used in a document. Group Color Styles together into a Harmony to easily produce recurring designs with varying color schemes.	✔ NEW!				
Page numbering Add page numbers on all pages of a document, starting on a specific page or with a particular number. Numbers are automatically updated when you add or delete pages.	✔ NEW!				
Master Layers Incorporate page-specific headers, footers and page numbers into technical communication documents.	✔ NEW! Even/odd pages only commands	(✓)	(✓)	(✓)	(✓) (All pages only)
Publish to technical communication standards					
CGM v4 (WebCGM, ATA Grexchange, ActiveCGM) Work with industry-standard CGM profiles for interactive technical documentation with hotspots.	✔	✔	✔	(✓)	
WebCGM 2.0, 2.1 + S1000D support Create, exchange and deliver standardized technical illustrations.	✔ ENHANCED! Companion file (XCF) support	✔			
EPS Level 3 support Import and output Postscript 3 files with full support.	✔	✔	(✓)	(✓)	
SVG output Publish SVG, the HTML 5 supported vector graphics file format for online publication of scalable graphics. When automated as a background task, it enables advanced integration with Technical Authoring systems and any Content Management System (CMS).	✔ ENHANCED! Automation capabilities	✔	✔	✔ (SVG 1.1)	✔ (SVG 1.0)

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Publish to technical communication standards					
Export for Web assistance 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 X, heightened security encryption and the ISO-compliant PDF/A archiving format.	✓ (Adobe Acrobat X)	✓ (PDF 1.7, PDF/A)	✓ (PDF 1.5)	✓ (PDF 1.4)	✓ (PDF 1.4)
Complex script support Built-in complex script support ensures proper typesetting for glyphs used by Asian and Middle Eastern languages.	✓ NEW!				
Website creation tools Easily design, build, and maintain web pages without having to learn how to code with Corel® Website Creator™ X6.	✓ NEW!				
Publish 3D online and on mobile devices Save 3D models to XVL® format and share 3D visualizations online or on mobile devices with free XVL Player.	✓ NEW!				
Performance, speed and efficiency					
Multi-core processor support Complete your tasks faster with powerful performance enhancements that leverage multi-core processing to maximize your computer's power.	✓ ENHANCED!	✓			
Windows 8 and Windows 7 compatibility Work in the latest Windows environment and enjoy support for touch-screen navigation.	✓ NEW! Windows 8 support	✓ (Windows 7)			
Native 64-bit computing Benefit from the speed of native 64-bit applications when processing large files and images.	✓ NEW!				

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Performance, speed and efficiency					
Symbols (referenced graphics objects) Reduce file size and work on common objects by defining and updating an object once and reusing it many times. Access more than 4,000 symbols through built-in symbol libraries, and create custom libraries for standard components.	✓ ENHANCED! Support for styles and transparency	✓	✓	(✓)	(✓)
Review and collaboration tools Use ConceptShare™ to collaborate with colleagues and clients on designs in a secure, online workspace.	✓	✓	✓		
CorelDRAW® included Take on a wide range of vector illustration and page layout projects with graphic design powerhouse CorelDRAW.	✓ (CorelDRAW X6)	✓ (CorelDRAW X5)			
Automation capabilities Create macros and add-ins using the built-in automation interface. Easily create connections to Content Management Systems (CMS), Product Lifecycle Management (PLM) and Product Data Management (PDM) Systems	✓ ENHANCED! Microsoft Visual Basic for Applications (VBA) 7.1	✓ (VBA 6.4 & Microsoft Visual Studio® Tools for Applications (VSTA) 2.0)	✓ (VBA 6.4)	✓ (VBA 6.3)	(✓)

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