



## Comparison Matrix

Which CorelDRAW® product is right for you?

CorelDRAW Graphics Suite X7 is a complete suite of professional graphic design software, including superior vector illustration and page layout applications, advanced photo-editing capabilities, and more.

CorelDRAW Technical Suite X7 combines the graphic design power that's already included in the graphics suite with the dedicated technical illustration tools of Corel DESIGNER® and 3D visualization capabilities to give you a complete solution for visual technical communication and publishing for print, online and mobile.



	CorelDRAW® Technical Suite X7	CorelDRAW® Graphics Suite X7
<b>Core components</b>		
<b>CorelDRAW®</b> Take on a wide range of vector illustration and page layout projects with graphic design powerhouse.	✓	✓
<b>Corel DESIGNER®</b> Produce sophisticated technical illustrations using precise technical drawing tools, symbol libraries and standard templates.	✓	
<b>Corel® PHOTO-PAINT™</b> Adjust, refine and enrich photos and images with professional image editor.	✓	✓
<b>Corel® CONNECT™</b> Search your computer, local network, an external storage device, or online sources to quickly find the perfect complement for your projects.	✓	✓
<b>Access and repurpose technical design assets</b>		
<b>Compatibility with latest file formats</b> Choose from more than 100 up-to-date vector graphics, bitmap image, document and other data file formats supported for import and export capabilities. Expanded file format support include .SVG, .CGM, .DWG and .DXF, .PDF, TIFF and Adobe CS/CC (AI, PSD).	100+	100+
<b>3D CAD repurposing capabilities (OPTIONAL)</b> Lattice3D Studio CAD add-on provides support for the native assembly and part file formats of high-end 3D CAD systems, including CATIA, PTC Creo (formerly Pro/ENGINEER), SolidWorks, Inventor, NX, IGES, STEP, JT and more.	✓ (OPTIONAL)	
<b>AutoCAD DWG / DXF support</b> Enhanced support for DWG (AutoCAD, CorelCAD™ and more) and DXF ensures easy, error-free data conversion.	✓ <b>ADVANCED!</b>	(✓)

✓ = Feature included (✓) = Limited feature availability

## Access and repurpose technical design assets

**Micrografx Designer support (DSF, DRW, DS4)**

Backward compatibility with Micrografx Designer helps you seamlessly work 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).

**Large thumbnail previews**

Quickly and easily find, preview and organize your content.

**Built-in 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 integrated Corel® PowerTRACE® X7.



## Create technical illustrations with precision

**Precision layout and drawing tools**

Capture intended drawing shapes with Outline Position, and use Alignment Guides so all elements are placed in their intended positions.

**Parallel line drawing tool**

Speed up the creation of technical graphics with the Parallel Drawing mode in Corel DESIGNER X7.



NEW!

**Insert 3D model**

Insert a 3D model into a Corel DESIGNER document as an external reference or embed the 3D model (XVL file) in the Corel DESIGNER document.

**Hotspot capabilities**

Use the callout drawing tool in Corel DESIGNER to add interactive functionality to callout shapes within technical publications.

**Equation Editor**

Manage mathematical formulas as editable elements within technical illustrations and diagrams using the newly integrated Equation Editor.



NEW!

**Dynamic guides and alignment tools**

Temporary guidelines appear when you create, resize, or move objects with suggested alignments to existing elements. Gravity snapping, dynamic guidelines and alignment guides help position objects precisely in relation to other objects.



**ADVANCED!**  
(Includes gravity snap with keyboard shortcuts)

**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. Dynamic callouts link to source object metadata to make updating callouts fast and easy.



**ADVANCED!**  
(with presets, halos, and dynamic and linked callouts)



(basic 3-point callout only)

**Optimize geometric objects**

Convert curves to ellipses and fix disconnected curves by using the advanced Join Curves docker.

**Geometric information dialog box**

Access important geometric information, such as the length, perimeter, and area of objects.



## 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**

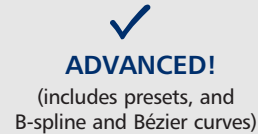
Quickly apply a fill to any enclosed area of an object.

**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 and connector lines**

Ensure that diagrams, instructions and flowcharts are easy to read by using halos on curves.

**Enhanced line styles**

Take advantage of enhanced line styles, such as shapes, zigzags, or multiple lines, to create diverse patterns.

**Smart Carver™**

Easily remove unwanted areas from a photo and simultaneously adjust the photo's aspect ratio.

**Straighten images**

Quickly and easily straighten images with interactive controls.

**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.



## 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.

**Manage Object Styles in external symbols**

Ensure consistent styles, including externally referenced symbols, and layout throughout your design projects.

**Easy color harmony editing**

View, arrange and edit color styles and harmonies with the enhanced Color Styles docker. Specify brightness value and preserve saturation and hue while adjusting a color.

**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.

**Master Layers**

Incorporate page-specific headers, footers and page numbers into technical communication documents.



## Publish to technical communication standards

<b>3D PDF Publishing</b> Publish to 3D PDF with interactive viewing of 3D content in combination with other visual and text elements.	✓ <b>NEW!</b>	
<b>Translation Memory System (TMS) support</b> Reach a worldwide audience with a new option that allows you to send text content from your graphics file in Corel DESIGNER to Translation Memory Systems (TMS) using XLIFF standard, and receive translated content from TMS.	✓ <b>NEW!</b>	
<b>CGM v4</b> (WebCGM, ATA Grexchange, ActiveCGM) Work with industry-standard CGM profiles for interactive technical documentation with hotspots.	✓ <b>ADVANCED!</b>	(✓) (WebCGM 1.0 only)
<b>WebCGM 2.0, 2.1 + S1000D support</b> Create, exchange, and deliver standardized technical illustrations.	✓	
<b>EPS Level 3 support</b> Import and output Postscript 3 files with full support.	✓	✓
<b>SVG output</b> Publish SVG, the HTML 5 supported vector graphics file format for online publication of scalable graphics.	✓	✓
<b>Export for Web assistance</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 X, heightened security encryption, and the ISO-compliant PDF/A archiving format.	✓	✓
<b>Publish 3D online and on mobile devices</b> Save 3D models to XVL format and share 3D visualizations online or on mobile devices with free Lattice3D Player and iXVL mobile apps.	✓	
<b>Complex script support</b> Built-in complex script support ensures proper typesetting for glyphs used by Asian and Middle Eastern languages.	✓	✓
<b>Website creation tools</b> Easily design, build, and maintain web pages without having to learn how to code with Corel® Website Creator™.	✓	✓
<b>Performance, speed and efficiency</b>		
<b>Redesigned, fully customizable user interface</b> Set up your personal workspace to fully leverage the option of multiple displays.	✓	✓
<b>Windows 8.1 and 8 compatibility</b> Work in the latest Windows environment and enjoy support for touch-screen navigation.	✓	✓
<b>QR Code generator</b> Create time-saving QR codes and add scalable QR codes to a drawing. (Internet connection required)	✓	✓
<b>Multi-core processor support</b> Complete your tasks faster with powerful performance enhancements that leverage multi-core processing to maximize your computer's power.	✓	✓

Performance, speed and efficiency

**Native 64-bit computing**

Benefit from the speed of native 64-bit applications when processing large files and images.



**Symbols (referenced graphics objects)**

Access more than 4,000 symbols through built-in symbol libraries, and create custom libraries for standard components.



**ADVANCED!**  
(includes support for external libraries)



(no libraries included)

**Automation capabilities**

Create macros and add-ins using built-in VBA and VSTA automation interfaces.



Membership and licensing options

**Standard Membership opportunities**

Sign up for a free membership to stay up-to-date with all the latest news for your CorelDRAW product.



**NEW!**



**Premium Membership opportunities**

Get even more benefits with a Premium Membership, such as premium online content and early access to new features for your CorelDRAW product.



**NEW!**

(Technical Suite Premium)



(CorelDRAW Premium)

**Permanent Licensing option**

Purchase a permanent license, with purchase of a box/download or volume license, to own the software for perpetual use.



**Subscription Licensing option**

Get more out of your CorelDRAW product with a new subscription offer for single-user or multi-seat licenses. Flexible payment options, monthly or annual, give you another choice to use the software your way. Enjoy the benefits of a Premium Membership for the subscription term.



**NEW!**



✓ = Feature included    (✓) = Limited feature availability



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