

Which CorelDRAW® product is right for you?

CorelDRAW® Graphics Suite 2018 is a leading graphic design software enjoyed by millions of professionals, small business owners, and design enthusiasts worldwide. It offers a seamless design experience for graphics, layout, illustration, photo editing, tracing, web images, print projects, art, typography, and more. Design with confidence and achieve stunning results.

CorelDRAW Technical Suite 2018 includes all the benefits of CorelDRAW Graphics Suite in addition to versatile authoring tools that allow you to create detailed assembly instructions, complex user manuals, multi-faceted documentation and more. Achieve unsurpassed productivity with new, high-caliber features to accelerate efficiency, and get full support for technical standards to publish, share or print.



	CorelDRAW® Technical Suite 2018	CorelDRAW® Graphics Suite 2018
CORE COMPONENTS		
ENHANCED! CorelDRAW® CorelDRAW 2018 makes any design, illustration or marketing communications project more creative with innovative new features.	✓	✓
ENHANCED! Corel DESIGNER® Get accurate and precise technical illustration capabilities with this vector-based graphics application.	✓	
ENHANCED! Corel® PHOTO-PAINT® Incorporate high-quality photos into your illustrations using impressive photo-editing capabilities.	✓	✓
ENHANCED! XVL Studio 3D Corel Edition Add context to your technical projects by using 3D views and models in your illustrations.	✓	
Corel® CONNECT™ Find images on your local network and get instant access to content using this built-in content assistant.	✓	✓
Corel Font Manager™ Manage your font and typeface needs with this extensive font exploration and management tool.	✓	✓
ACCESS AND REPURPOSE TECHNICAL DESIGN ASSETS		
NEW! SharePoint CMS integration Gain additional collaboration and sharing benefits from the new connectivity of Corel DESIGNER and CorelDRAW to Microsoft SharePoint sites. Get direct access to your organization's Document Management System (DMS) from within the visual communication authoring applications.	✓ (Exclusive to CorelDRAW Technical Suite Enterprise license)	
ENHANCED! Compatibility with latest file formats 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 includes .SVG, .CGM, .DWG and .DXF, .PDF, TIFF and Adobe CS/CC (AI, PSD).	100+	100+

ACCESS AND REPURPOSE TECHNICAL DESIGN ASSETS

AutoCAD .DWG / .DXF support

Improved and updated support for .DWG (incl. AutoCAD 2019, CorelCAD™ and others) and .DXF ensures easy, error-free data conversion. Enhanced support for editable dimensions in .DWG/.DXF files on import and export.

✓
ADVANCED!

(✓)

Micrografx Designer support (DSF, DRW, DS4)

Backward compatibility with Micrografx Designer helps you work seamlessly with legacy files

✓

(✓)

ENHANCED! 3D import

Import, view and modify 3D models, including AutoCAD .DWG and .DXF, 3D Studio (.3DS), IGES and Virtual Reality Modelling Language (VRML).

✓

RAW camera support

Import and adjust RAW camera files directly from your digital camera, and preview changes in real time.

✓
UPDATED

✓

Vectorization of scanned blueprints

Smoothly convert bitmaps and scanned images into editable vector graphics with Corel® PowerTRACE®.

✓

✓

ENHANCED! 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.

✓
(XVL Studio 3D CAD
Corel Edition 2018)

CREATE TECHNICAL ILLUSTRATIONS WITH PRECISION

Projected drawing tools

Draw directly on parallel projected planes, including isometric, diametric, or custom projections, to create the illusion of a 3D image.

✓

ENHANCED! Isometric drawing tools

Obtain more precision and exactness with the UI controls in Corel DESIGNER® that consider the scale of the projected axes according to the settings of the active projected plane.

✓

NEW! Symmetry drawing mode

Create a range of symmetrical designs, from simple objects to complex effects in real time, and boost your productivity by automating what is usually a very time-consuming workflow.

✓

✓

Technical illustrations from 3D

Use the "Send to Corel DESIGNER" feature to transform 3D views into clear vector illustrations.

✓

Marketing graphics from 3D

Use the "Send to CorelDRAW" feature to transform 3D views into vector graphics for creative design works with CorelDRAW.

✓

Insert 3D model

Insert a 3D model into a Corel DESIGNER document as an interactive 3D model (XVL file) with a high-res preview.

✓

Parallel line drawing tool

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

✓

ENHANCED! Total control over fills and transparency

Experience our most powerful fill engine ever, giving you complete control over your fountain, bitmap pattern, vector pattern (and hatch) fills.

✓

✓

CREATE TECHNICAL ILLUSTRATIONS WITH PRECISION

Hatch fills Fill objects with vector hatch patterns to clearly distinguish materials or object relationships.	✓	
Equation Editor Manage mathematical formulas as editable elements within technical illustrations using the integrated Equation Editor.	✓	
Connector line tools Quickly and easily add advanced connector lines to flowcharts and business diagrams.	✓ ADVANCED! (includes presets, and B-spline and Bézier curves)	(✓)
Projected dimensions The projected dimension options eliminate the need to draw and project dimension objects in multiple steps.	✓	
Drawing scale control Manipulate the drawing scale from the toolbar at any time for precise technical illustrations.	✓	(✓)
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)	✓
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)
Hotspot capabilities Use the Object Data Manager in Corel DESIGNER to add interactive functionality to callout and other graphical shapes within technical publications.	✓	
Optimize geometric objects Convert curves to ellipses and fix disconnected curves by using the advanced Join Curves docker.	✓	✓
Enhanced Boundary tools Expand the effectiveness and reach of a border with an option that allows users to extend curves when creating a boundary using the Boundary tool or the Smart Fill tool in Corel DESIGNER.	✓	
Geometric information dialog box Access geometric information, such as the length, perimeter, and area of objects.	✓	
ENHANCED! LiveSketch™ drawing tool Get right to work with the state-of-the-art LiveSketch tool, based on the latest developments in Artificial Intelligence and Machine Learning. Transform free form sketching into precise vector curves directly on a pen-enabled device. Best of all, you'll eliminate the time-consuming task of sketching on paper, scanning and tracing to vector.	✓	✓
NEW! Add Perspective effect Quickly create the illusion of distance and depth by applying perspective to bitmaps, vector objects, or both, directly in the drawing window. It's an ingenious tool to showcase technical illustrations in real world scenarios.	✓	✓

CREATE TECHNICAL ILLUSTRATIONS WITH PRECISION

NEW! Apply envelopes to bitmaps

Shape a bitmap interactively by placing it in an envelope and dragging its nodes. Quickly and seamlessly blend a bitmap into an illustration by using envelope presets or crafting a custom envelope from scratch.

**ENHANCED! Vector previews, custom node shapes, and handles**

Choose custom colors for previews, nodes, and handles that will stand out against underlying colors, and help you edit objects more efficiently. Choose the node shapes that best suit your workflow.

**ENHANCED! Support for Real-Time Stylus (RTS)**

Enjoy a more natural drawing experience and achieve more expressive results with the native support for Microsoft Surface, and advanced stylus support. Take advantage of pressure, bearing, tilt, and rotation when using the touch-up tools, painting and other brush tools within the applications. Experiment with rotation, flatness and elongation settings to control your brushstrokes in any given illustration.

**Hide and display objects**

Corel DESIGNER and CorelDRAW allow you to hide objects and groups of objects, helping you edit objects in complex projects and experiment with your designs more easily.

**Halos on curves**

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

**NEW! Align and distribute nodes**

Align and distribute nodes using the bounding box of a selection, the page edge or center, the closest grid line, or a specified point. Distributing nodes is just as easy, adding equal spacing between them horizontally or vertically.

**NEW! Corner Control in Dashed Lines and Outlines**

Gain more control over the appearance of corners in objects, text, and symbols that use dashed lines in Corel DESIGNER and CorelDRAW 2018. In addition to the existing default setting, you can choose from two new options to create perfectly designed and defined corners.

**Enhanced line styles**

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

**Tables**

Create and import tables to provide a structured layout for text and graphics.

**QR Code generator**

Create time-saving QR codes with Corel DESIGNER and CorelDRAW and add scalable QR codes to a drawing. (Internet connection required for validation)



✓ = Feature included (✓) = Limited feature availability

IMAGE EDITING

NEW! AfterShot 3 HDR*

Download Corel® AfterShot™ 3 HDR from within the installed applications of the suite to make professional-grade corrections and enhancements to RAW or JPEG photos. Create high dynamic range (HDR) images with the HDR module included in AfterShot 3 HDR.

**NEW! Straighten photos interactively**

Rotate crooked images by interactively aligning a straightening bar to an element in the photo or specifying an angle of rotation. All controls are easily accessible on screen or on the property bar for perfect results in minutes.

**NEW! Adjust photo perspective interactively**

Use the interactive Perspective Correction tool to adjust the perspective of buildings, landmarks, or objects in photos. Simply line up the four corner points with a shape that should be rectangular to adjust the entire shot.

**High-quality renderings from 3D**

With shading capabilities including textures, lights, shadow mapping and ambient occlusion you can output 3D views as photo-realistic images for professional photo-editing with Corel PHOTO-PAINT.

**Special effects**

Corel PHOTO-PAINT introduces camera effects, including Bokeh blur, Colorize, Sepia Toning, and Time Machine.

**Lens corrections**

Adjust your images to remove pincushion and barrel distortions with the Correct lens distortion slider in the Straighten Image dialog box.

**Smart Carver**

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

**Tone curve adjustments**

Adjust image tone with more accuracy and precision.

**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.



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MAINTAIN STYLE AND CONSISTENCY**Object Styles and Style Sets**

Ensure consistent styles, including externally referenced symbols, and layout throughout your design projects. Use Style Sets to make edits once to have changes applied instantly throughout a project.

**Color Harmonies**

Group a document's color styles so that you can quickly and easily produce iterative designs with varying color schemes.

**ENHANCED! Color management**

Set application color policies to achieve the most accurate color representation with the Default Color Management Settings dialog, which gives greater control to advanced users.

**Windows Color System Support**

Easily match colors between Corel and Microsoft applications.

**Adobe Color Management Module**

Easily match colors between Corel and Adobe applications.

**Master Layers**

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

**Special characters, symbols, and glyphs**

The revamped Insert Character docker presents all characters, symbols and glyphs associated with a selected font, making it easier than ever to find these items and then insert them into your documents.

**ENHANCED! Font Manager**

Corel Font Manager lets you easily handle, organize, and explore your typeface and font collections by giving you tools to control every aspect of your typography workflow.

**ENHANCED! Font list box**

With the new Font list box in Corel DESIGNER, CorelDRAW and Corel PHOTO-PAINT, you can view, filter, and find fonts easily.

**Advanced OpenType support**

Take greater advantage of advanced OpenType typography features, such as contextual and stylistic alternates, fractions, ligatures, ordinals, ornaments, small caps, swashes, and more.

**Complex script support**

Built-in complex script support ensures proper typesetting for glyphs used by Asian and Middle Eastern languages.



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PUBLISH TO TECHNICAL COMMUNICATION STANDARDS

NEW! Publish to WordPress

Send your work directly to a WordPress media library from within the application. This new functionality lets you convert selected objects or an entire project to a JPEG, GIF, or PNG file and then upload to a WordPress account.

**PDF output**

Output PDF files, with support for latest Adobe Acrobat files, heightened security encryption, and the ISO-compliant PDF/A archiving format.

**3D PDF Publishing**

Publish to 3D PDF with interactive viewing of 3D content in combination with other visual and text elements.

**ENHANCED! Translation Memory System (TMS) support**

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.

**CGM V4 (WebCGM, ATA Grexchange, ActiveCGM)**

Work with industry-standard CGM profiles for interactive technical documentation with hotspots. Corel DESIGNER 2018 offers an advanced CGM export dialog, and includes support for ATA iSpec 2200 up to (incl.) 2016.1.

**ENHANCED! WebCGM 2.0, 2.1 + S1000D support**

Create, interchange, and deliver standardized technical illustrations for Interactive Electronic Technical Manuals (IETM) and Illustrated Parts Catalogs (IPC), including support for S1000D Issue 2.3 – 4.2.

**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).

**Publish 3D online and to mobile devices**

Save 3D models to XVL format and share 3D visualizations online or on mobile devices with free XVL Player and iXVL apps.



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USER INTERFACE

Touch-friendly user interface

Tablet Mode support helps you sketch on the fly and make quick adjustments using touch or a stylus. Plus, the new Touch workspace streamlines the UI to maximize the size of your drawing window by displaying only the tools and commands you're most likely to use.

**ENHANCED! Microsoft Surface support**

CorelDRAW Graphics Suite and Technical Suite 2018 offer native Microsoft Surface Dial support on Windows 10. Use the CorelDRAW, Corel DESIGNER and Corel PHOTO-PAINT applications in the suite, to experience one of the most unique ways to create and interact with technology.

**Import legacy workspaces**

Match your desktop environment to the way you work best. CorelDRAW Technical Suite 2018 offers more UI customization options than ever before, allowing you to tailor your design space with a unique look.

**Workspaces**

Choose from a variety of workspaces designed for different proficiency levels and specific tasks: Page Layout and Illustration, a Classic option for longtime users, Technical Illustration for pros doing isometric illustrations, Diagramming for pros using flowcharts and diagrams, and workspaces with the look and feel of Adobe Photoshop and Adobe Illustrator.

(incl. Technical Illustration
& Diagramming)**Support for UltraHD display**

An updated interface and support for High DPI displays let you comfortably view the applications on even UltraHD (ultra high definition) monitors.

**Advanced multi-monitor support**

CorelDRAW, Corel DESIGNER and Corel PHOTO-PAINT function reliably across multiple monitors of varying DPI, on all supported operating systems.

**Fully scalable and customizable UI**

You can adapt your design space to your needs with the updated and fully customizable interface. Newly designed icons allow scaling up to 250%. You can lighten or darken the application background by choosing a theme.

**Simple customization**

Tailor the toolbox, dockers, and property bars to suit your workflow using the Quick Customize buttons.

**ENHANCED! Multiple document interface**

Work with multiple documents in a tabbed view.



= Feature included

= Limited feature availability

PERFORMANCE, SPEED AND EFFICIENCY**ENHANCED!** Reduced launch time

Get right to work with a quicker start! The launch time has been reduced thanks to performance enhancements so you can get to work faster than ever.

**NEW!** GPU accelerated vector preview

Reposition and edit complex vector shapes without taxing your system's resources. Using the graphics processing unit (GPU) may accelerate the display, editing, and manipulation of graphics in Corel DESIGNER, CorelDRAW and Corel PHOTO-PAINT on some machines.

**Native 64-bit computing**

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

**Optimized for Windows 10**

With support for Windows 10, you can confidently use your CorelDRAW product on the latest Windows operating system.

**Multi-core support**

Complete your tasks faster with powerful performance enhancements that leverage multi-core processing to maximize your computer's power.

**NEW!** Default folder location

Find and share design assets with ease! You choose where to store content rather than use the default folders.

**CONTENT****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.

**Professional clipart***

Kick start your creativity with over 10,000 clipart images and more than 2,000 vehicle templates for your designs and projects.

**High-quality photos***

Enhance your designs with 2,000 high-quality photos at your creative disposal.

**Specialized fonts***

Choose from an extensive font selection that contains over 1,000 professional fonts.

**Design templates***

Get going quickly with more than 375 professionally designed templates.



(incl. 40+ technical ANSI, DIN, and ISO standard templates)



*In order to access this collection of tools, you need to be connected to the Internet. Purchase and authentication of CorelDRAW Technical Suite 2018 are required.

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