



Overview

CorelDRAW® Technical Suite 2017 is the complete solution for visual communication and technical publication — print, online and to mobile devices. Industry-leading file compatibility, precise illustration tools, and productivity-enhancing features streamline the workflow of today's technical communication professionals and technical graphics users, simplifying single-source publishing of standards-compliant technical publications for a global market.



Key Features and Benefits

Complete solution for visual technical communication

Get everything you need to create expert design and technical communication projects with this all-in-one suite.

Dedicated technical authoring tools

Create detailed illustrations and designs with confidence using dedicated technical illustration tools including isometric drawing and callout tools, graphic design and layout features, and professional image editing.

Access broad range of technical assets

Retrieve your critical data from various sources, including 3D designs (incl. DWG and IGES) and the optional add-on for advanced 3D CAD assembly formats. Ensure all of your important technical files can be delivered in a readable format.

Unmatched publishing options

Export to a broad range of over 100 file formats, including WebCGM, .SVG, .DWG, .PDF, .EPS and TIFF, to easily exchange files with colleagues and clients worldwide.

Advanced standards compliance

Share your technical designs and documentation with a diverse set of cross-media publishing and distribution capabilities, incl. multilingual text for global technical publication, industry-standard compliant IETMs / IETPs and 3D technical communication with 3D PDF and PDF/A support.

Advanced 3D CAD repurposing

For organizations that require additional 3D editing capabilities and direct access to 3D CAD assembly files, CorelDRAW Technical Suite 2017 offers an upgrade to Lattice3D Studio CAD Corel Edition. This optional add-on provides native assembly and part file support for 3D CAD systems used in discrete manufacturing, such as the automotive, aerospace, and machinery industries. Lattice3D Studio CAD Corel Edition lets users do more with CAD files without the steep learning curve of 3D CAD software.

Lattice3D Studio CAD streamlines the workflow of technical communication professionals by reducing the need to consult design engineers when preparing graphics content. It supports a broad range of native 3D CAD file formats, such as assembly and part files from CATIA, SolidWorks, PTC Creo Parametric (formerly Pro/ENGINEER), Autodesk Inventor, NX, SolidEdge, and more. It also supports 3D CAD exchange formats, such as JT, IGES, STEP, and Parasolid.

Competitive Advantages

Against (creative) graphics products such as CorelDRAW Graphics Suite, Adobe CC/CS, CorelDRAW Technical Suite 2017 offers:

- dedicated technical illustration tools for a more efficient workflow
- Industry-standard file format support (e.g. advanced CGM profiles; 3D PDF)
- 3D CAD data repurposing
- Effective multilingual graphics authoring through Translation Memory System (TMS) support

Against CAD applications such as AutoCAD, CorelDRAW Technical Suite 2017 offers:

- Complementary suite of applications to close gaps in technical drawing and design workflows: photo-editing, layout, sketching and (creative) design, technical illustration
- Extensive file format support for import/ export (incl. DWG, DXF for collaboration with CAD apps)

Against other technical illustration products such as IsoDraw, ACD Canvas it offers:

- State-of-the-art technology, incl. 64-bit applications
- Complete suite of integrated applications, incl. professional photo-editing, layout, bitmap-to-vector tracing
- Extensive content library with technical symbols, high-res photos and fonts for use with any Windows application



Customer Profiles

Technical communication professionals

- Typically have formal training in a technical or graphics field, such as technical illustrator or technical writer
- Focused on the technical illustration of manufacturing goods in key sectors including automotive, machinery, aerospace, high tech and telecommunications, architecture, engineering and construction (AEC), and the apparel industries.

Outputs: The graphics created by technical illustrators are used in assembly instructions, user guides, illustrated parts catalogs (IPCs), maintenance manuals, schematics, or wiring diagrams.

Workflows:

- technical illustrations typically based on different sources incl. 3D and 2D CAD, legacy graphics files, photos
- illustrations created with special tools and visualization techniques such as isometric drawing, callouts, hotspots (interactive drawing shapes)
- Documents are output to various media, such as print, the web, mobile devices, and interactive electronic technical manuals / publications (IETMs / IETP).

Pain points:

- 3D Engineering data needs to be accessed for repurposing
- Specialized tools required that neither (creative) graphics nor CAD applications provide (e.g. isometric drawing tools, callout generation tools, hotspotting)
- Technical communication professionals in today's global markets need to create technical publications in multiple languages for a worldwide customer base. The ability to work seamlessly with Translation Memory Systems (TMS) used in the localization workflow is critical to streamline processes.
- Integration with content authoring and management systems (CMS, PLM, PDM)

Upsell Opportunity:

Lattice3D Studio CAD Corel Edition

The 3D visualization Add-on to CorelDRAW Technical Suite provides more powerful 3D CAD repurposing capabilities, including advanced 3D animation tools, an automated update process, and native 3D CAD and 3D exchange file format support.

Technical graphics users in medium / large organizations

- are typically self-taught in graphic-creation tasks
- knowledge workers in technical oriented industries, such as manufacturing, telecommunication, pharmaceuticals, chemicals, and energy industries.

Outputs: Among their many tasks and responsibilities is the need to create a variety of graphics, including diagrams used in presentation materials, floor plans, schematics, and marketing materials.

Workflows:

- create graphics from scratch and/or
- base them on legacy files.
- work collaboratively
- graphics may later be imported for reuse with office-productivity, diagramming, and desktop-publishing software.

In a typical organization, there may be many technical graphics users spread across several departments. They are not generally required to use the software daily, and as such, they do not often get opportunities for extensive training.

Pain points:

- Organizations require cost-effective (low-budget) and easy-to-use (no learning curve for occasional users) solutions to complement their Office software and close gaps in visual content authoring tool set.
- repurpose legacy files and 2D CAD data — and eventually 3D CAD data
- need tools for creating basic technical diagrams and publishing standardized outputs communication with 3D PDF and PDF/A support.

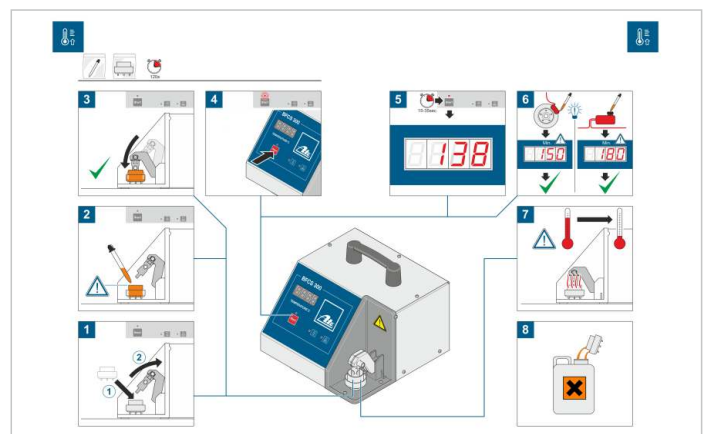


Illustration: itl AG



Top 5 Reasons to Upgrade*

1 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. Essentially, users can draw and edit shapes using accurate measurements in isometric and other projected drawing modes. The same measurements can also be used to transform or move a desired shape.

2 ENHANCED! Boundary tools

Expand the effectiveness and reach of a border with a new option that allows users to extend curves when creating a boundary using the Boundary tool or the Smart Fill tool in Corel DESIGNER. As a result, you can easily create boundaries even from drawings with small gaps between curves and shapes, dramatically improving the repurposing of imported CAD drawings and similar.

3 NEW! and Enhanced Design tools

Improve your technical communication capabilities with a large collection of powerful and dedicated illustration tools. First, explore the many possibilities with objects, such as the hide and display feature, or the ability to split vector objects, text and bitmaps. Next, Corel DESIGNER 2017 can simplify complex shapes with enhanced node selection, copy curve segments and provide a choice of node sizes and shapes.

4 ENHANCED! Translation Memory System (TMS) workflow

Maintain a global presence and profit with the enhancements made to the Translation Memory System (TMS) support that allows for multi-lingual technical communication. The resulting translations can be imported into an existing document, and then into a language-specific layer that contains copies of the source language text to create multi-lingual documents. In addition, with the layer visibility functionality switched on/off, you can toggle between languages in the displayed text while the images remain unchanged for a language-specific version of the graphics.

5 NEW! and enhanced photo-editing features

Ensure the photos being included in any technical documentation have the professional look you need. With the enhanced Straighten Image dialog box in Corel DESIGNER, CorelDRAW and Corel PHOTO-PAINT, you can correct perspective distortions with a few simple clicks. Reach for the Healing Clone tool to discreetly remove unwanted spots and imperfections from any image. Discreetly blur parts of images without overwriting the original image with the Gaussian Blur special effect in Corel PHOTO-PAINT

* To purchase the upgrade version, you must own a previous version of CorelDRAW Technical Suite, CorelDRAW Technical Pack or Corel DESIGNER Technical Suite. Please note that upgrade eligibility excludes Academic, Home and Student, OEM and Not for Resale (NFR) versions. Purchasing the upgrade version of CorelDRAW Technical Suite 2017 does not include access to CorelDRAW Upgrade Program.

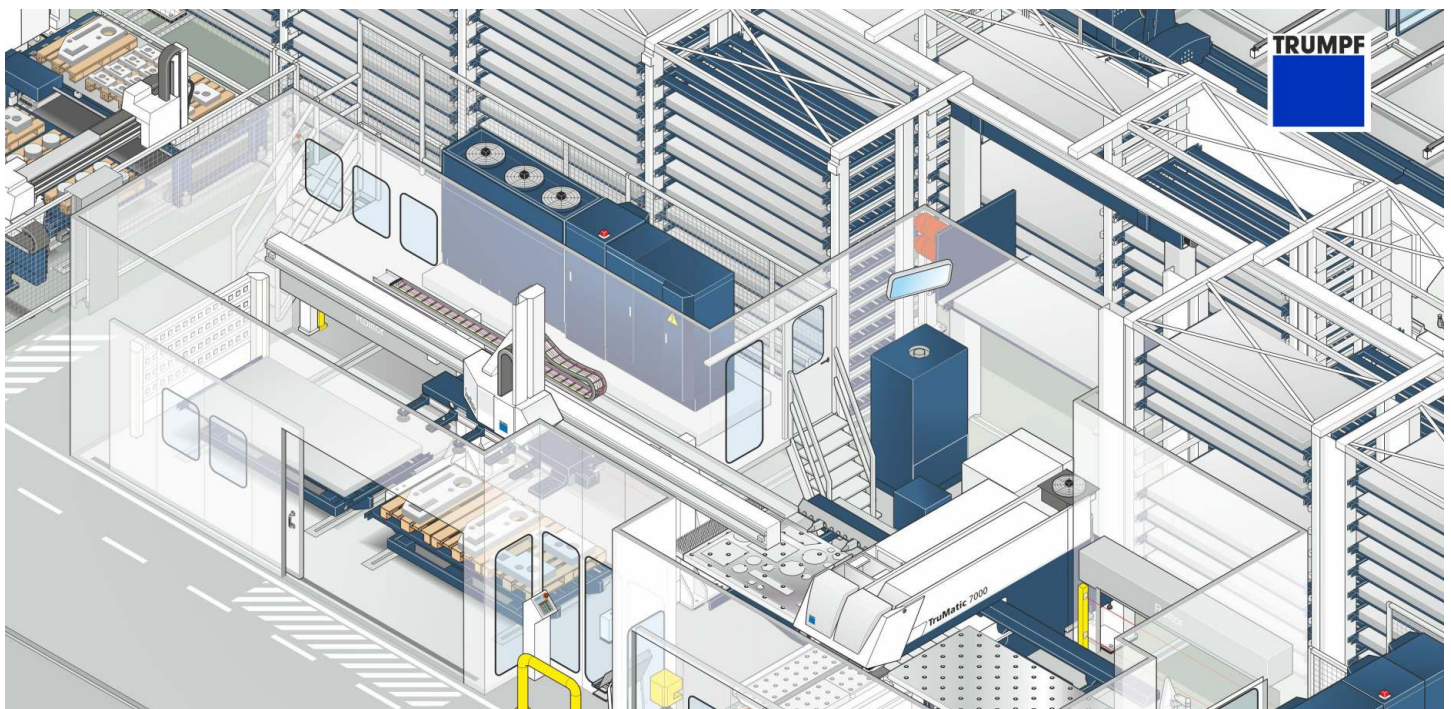


Illustration: Jan Seidl, with permission of Trumpf Laser



Top 10 Reasons to Buy

1 Visually stunning and technically impactful

Get everything you need to create expert design and technical communication projects with this all-in-one solution. It supports all of the industry standards with professional illustration tools and authoring and publishing capabilities for print, online and mobile.

2 Dedicated technical illustration and design tools

Improve your technical communication capabilities with a large collection of powerful and dedicated illustration tools. Get right to the center of precision with accurate isometric drawing, detailed callouts and expansive dimensioning capabilities. In addition, explore the many possibilities with objects, such as the hide and display feature, or the ability to split vector objects, text and bitmaps. Corel DESIGNER 2017 can simplify complex shapes with enhanced node selection, copy curve segments and provide a choice of node sizes and shapes.

3 Repurpose key assets

Retrieve your important data from various sources, including 3D designs and the optional Lattice3D Studio CAD Corel Edition add-on for advanced 3D CAD assembly formats. Ensure all of your important technical files can be delivered in a readable format. With 3D visualization efficiencies, you can insert 3D models as linked or embedded objects into Corel DESIGNER[®] illustration files for instant access, sharing and reference.

4 Expansive file compatibility

Work and share with confidence with a diverse set of cross-media publishing and distribution capabilities, including CGM, WebCGM, SVG and PDF. Stay on the forefront of technology with up-to-date 3D CAD file format support in the optional Lattice3D Studio CAD add-on, and current Adobe CS/CC file support.

5 Advanced standards compliance

Share your technical designs and documentation using enhanced support for technical publication standards. Publish S1000D or ATA iSpec 2200 compliant IETPs. Deliver visual technical communication projects that feature 3D PDF and PDF/A support.

6 Intuitive connectivity to Translation Memory Systems (TMS)

Create illustrations with localized text for global technical publication. Output descriptive text in illustrations directly to your Translation Memory System (TMS) via XLIFF, and get it processed to generate translation results. Import translations back in Corel DESIGNER to create multi-lingual or localized documents. Text formatting is maintained so that localized/ multi-lingual illustrations are ready for publishing right away.

7 Professional image-editing power with Corel PHOTO-PAINT

Ensure the photos being included in any technical documentation have the professional look you need. With the enhanced Straighten Image dialog box in Corel DESIGNER, CorelDRAW and Corel PHOTO-PAINT, you can correct perspective distortions with a few simple clicks. Reach for the Healing Clone tool to discreetly remove unwanted spots and imperfections from any image. Discreetly blur parts of images without overwriting the original image with the Gaussian Blur special effect in Corel PHOTO-PAINT.

8 Powerful design and technology with CorelDRAW

Enhance your illustrations and marketing communications with the versatile creative graphics power of CorelDRAW 2017, the intuitive, world-renowned vector illustration and page layout application for single-sourced graphic design. In addition, it features the new LiveSketch™ drawing tool based on the latest developments in Artificial Intelligence and Machine Learning. It essentially transforms the creativity of free form sketching into precise vector curves directly on a pen-enabled device.

9 Workspace customization

Match your desktop environment to the way you work best. CorelDRAW Technical Suite 2017 offers more UI customization options than ever before, allowing you to tailor your design space with a unique look. Enjoy flexible desktop color scheme options, such as altering the color of the surrounding drawing page area, or customizing the color of your window borders. Plus, with dedicated workspaces for specific workflows, all of your technical tasks are streamlined in one location.

10 Advanced support for Windows and new devices

Increase your drawing capabilities with an array of new support options, including Windows 10 and 4K monitors. CorelDRAW Technical Suite 2017 also offers support for Real-Time Stylus (RTS) and touch-enabled devices and tablets so you can capture important details on the go. Save valuable time and energy by panning and zooming in a single gesture, and display only the commands and tools you use most often for technical illustrations in the Tablet mode.



Illustration: Jan Seidl



What's Included

Main Applications

- Corel DESIGNER® 2017 – Precise technical illustration
- CorelDRAW® 2017 – Vector illustration and page layout
- Corel® PHOTO-PAINT® 2017 – Image editing
- Lattice3D Studio Corel Edition – 3D visualization and authoring
- Corel Font Manager™ 2017 – Font Exploration and management tool
- Corel® PowerTRACE™ 2017 – Bitmap-to-vector tracing (included as part of Corel DESIGNER and CorelDRAW applications)
- Corel® CONNECT™ 2017 – Content finder
- Corel® CAPTURE™ 2017 – Screen capture tool

Supporting Applications

- BenVISTA PhotoZoom Pro 4* – Plug-in for enlarging digital images
- Lattice3D Player – interactive 3D viewing (plug-in)
- Microsoft Visual Basic for Applications – Task automation
- Microsoft Visual Studio Tools for Applications – Task automation and advanced macro projects
- Barcode Wizard – Generator of bar codes in industry-standard formats
- Duplexing Wizard – Guide for two-sided printing
- GPL Ghostscript (ZIP) – Enhanced import of EPS and PS files
- WhatTheFont – Online font identifier

Content*

- 4,000 industry-standard symbols: Architectural, Electrical, General, Mechanical, and Tools
- 10,000 clipart and digital images
- 2,000 high-resolution digital photos
- Over 1,000 TrueType and/or OpenType fonts
- 350+ templates, incl. 40+ technical ANSI, DIN, and ISO standard templates
- 2,000 vehicle templates
- Over 500 interactive frames and photo frames
- Over 600 fountain, vector and bitmap Fill

Documentation

- Help files, User Guides (PDF)
- Over 5 hours of training videos (Internet connection required)

System Requirements

- Windows 10, 8.1 or Windows 7, in 32-bit or 64-bit, all with latest Updates and Service Pack
- Intel Core i3/5/7 or AMD Athlon 64
- 2 GB RAM
- 1 GB hard disk space
- Multi-touch screen, mouse or tablet
- 1280 x 720 screen resolution at 100% (96 dpi)
- Microsoft Internet Explorer 11 or higher
- Microsoft .Net Framework 4.6
- DVD drive optional (for box installation)
- Internet connection** for technical illustrations in the Tablet mode.

*An authenticated version of CorelDRAW Technical Suite and Internet connection are required to download the BenVISTA PhotoZoom Pro 4 application. To access online features and content included with your software, you must sign in to authenticate your copy of CorelDRAW Technical Suite. You can authenticate the product after the suite installation, before starting an application, or while using an application.

**Internet connection required to sign in to authenticate CorelDRAW Technical Suite, receive performance and stability updates, access online content, and use some features, such as QR Codes or the Content Exchange. You can use CorelDRAW Technical Suite offline. As a subscription user you need to connect to the Internet at least once a month.

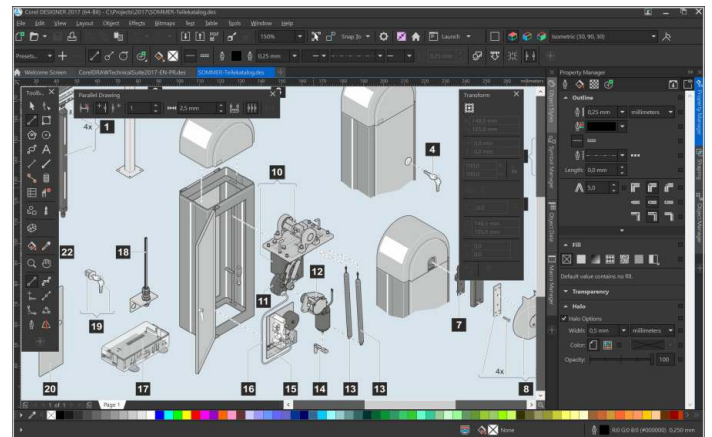


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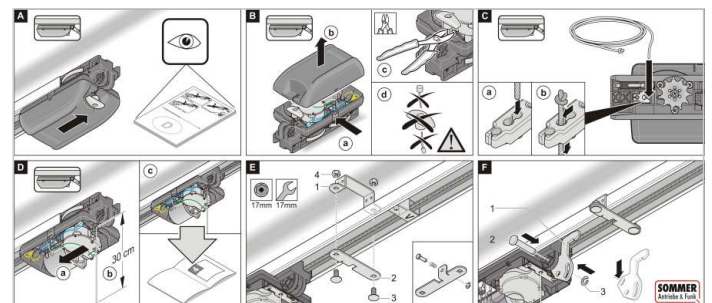


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