



CorelCAD™ 2017 for Windows and macOS vs. Light CAD Applications

This table compares the diverse industry-standard features included in CorelCAD 2017 to the basic CAD features offered in other Light CAD applications. CorelCAD 2017 delivers the sophistication and precision you need to exceed the CAD results you expect in 2D drafting and 3D design. With CorelCAD 2017, users will enjoy exclusive benefits such as unique 2D drawing and annotation tools, full open and save support for legacy CAD files, and the ability to import and export CorelDRAW (.CDR) and Corel DESIGNER (.DES) files*. CorelCAD 2017 delivers the next level of CAD design by offering new productive design tools and CorelCAD Mobile for Android devices—all at an affordable price.

Comparison Matrix	CorelCAD™ 2017	Light CAD applications
File support		
AutoCAD R2013 .DWG native file format	✓	✓
Legacy CAD file (AutoCAD R12 .DWG) support	✓	–
DXF (Drawing Exchange File) support	✓	✓
Drawing web format (DWF) support	✓	–
Recovery of corrupted drawings	✓	✓
Import CorelDRAW® (.CDR) and Corel DESIGNER® (.DES)	✓*	–
Number of supported file formats - Import	12*/10	~5
User interface		
Quick Input	✓	✓
Head-up toolbar	✓	✓
Ribbon user interface (UI)	✓*	✓*
Command auto-completion	NEW!	✓
Classic menu and toolbars	✓	✓
Tool matrix	✓	–
Design Resources docker	✓	✓
Right-click context menus	ENHANCED!	✓*
Industry-standard command sequences and aliases	✓	✓
Search in Options dialog box	✓	–
Viewing and Selection tools		
Real-time Pan and Zoom	✓	✓
3D Mouse navigation	✓*	✓*
Object Snap (ESnap)	✓	✓
Object Tracking (ETrack) / dynamic guides	✓	✓
Select matching entities command	✓	–

*=available on Windows operating system only

Comparison Matrix	CorelCAD™ 2017	Light CAD applications
Drafting and Editing		
Layers Toolbar	✓	✓
Layer States Manager	✓	✓
Layer Preview tool	✓	-
Line weights (display and print)	ENHANCED!	✓
Exploding Splines and Ellipses (to polylines)	✓	-
Exploding blocks instances while maintaining attributes (ExplodeBlockX)	✓	-
Center mark and Centerline tools	NEW!	✓
Drawing constraints (Parametric drawing tools)	✓	✓
QuickModify command (move, rotate, copy in one tool)	✓	-
PowerTrim	ENHANCED!	-
Hatch, solid-color and gradient-fill editing	✓	✓
True Colors support	✓	✓
Multi-language character set	✓	✓
TrueType Fonts support	✓	✓
In-Place multiline text editing	✓	-
In-Place editing of block definitions and external references	ENHANCED!	✓
Dynamic blocks support (inserting and manipulating)	✓	✓
CAD drawing standards verification	✓	-
Annotation		
Annotative scaling	✓	✓
Smart Dimensioning tool	✓	(✓)
Dimension palette (dynamic onscreen properties bar)	✓	-
Split and Join Dimensions	NEW!	-
Redline and markup	✓	✓
PDF Underlay	✓	✓
DGN (Microstation CAD file format) Underlay	✓	✓*
VoiceNotes	✓	-
Revision clouds	✓	✓
3D viewing and design		
3D model viewing	✓	✓
Projected (Isometric) views	✓	-
3D surface commands	✓	-
3D solid modeling	✓	-
Layout tools		
Tables	✓	✓
Images / References / Underlay rectangular and polygonal clipping	✓	✓
Masking Entities (Wipe out)	✓	✓
Non-rectangular viewports	✓	✓

(✓) = Limited support/availability *=available on Windows operating system only

Comparison Matrix	CorelCAD™ 2017	Light CAD applications
Printing, plotting, layout sheets		
Multiple Layout Sheet Tabs (Multiple Paper Spaces)	✓	✓
Color table (CTB) Style table (STB) support	✓	✓
Print Configuration Manager	✓	✓
Batch Print	✓	✓
Publishing/Output		
Export to CorelDRAW (.CDR) and Corel DESIGNER (.DES)	✓*	–
Export to PDF	✓	✓
Export to SVG (Scalable Vector Graphics)	✓	–
STL Export for 3D printing	✓	–
JPEG / PNG output using Print Table Styles	✓	✓
Number of support file formats - Export	17*/15	5 to 10
Collaboration		
GIS file format support (ESRI Shape *.shp files)	✓	–
3D Solid geometry exchange file format (*.sat) support	✓	–
Customization		
Visual Menu and Toolbar Customization	✓	✓
User profiles management	✓	–
CUI Menu, CUIX (AutoCAD Ribbon UI workspaces) files support	✓*	✓*
Upgrade user settings from previous version	✓	✓
Programming/Automation		
LISP (including support for LISP commands from other CAD applications)	✓	–
COM API	✓*	–
Microsoft Visual Studio Tools for Applications (VSTA) support	✓*	–
Plug-in Store (corelcadmarket.com)	✓	–
OS support		
Windows 10	✓	✓
Windows 8/8.1, Windows 7	✓	✓
Native 64-bit application	✓	✓
macOS Sierra	NEW!	–
Mac OS X (10.9-10.11)	✓	✓
2D drafting on mobile devices (Android)	NEW!	–
MSI-based network deployment	✓*	✓*

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Corel Corporation
1600 Carling Ave.
Ottawa, ON
Canada K1Z 8R7

Corel UK Limited
400 Capability Green
Luton
Bedfordshire
LU1 3AE
United Kingdom