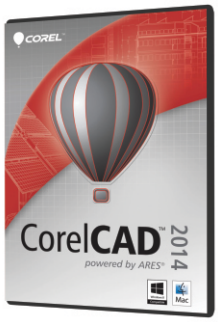
CorelCAD™ 2014 powered by ARES®

CorelCAD™ 2014 for Windows and Mac OS vs. Light CAD applications

This table compares the robust features included in CorelCAD 2014 to features offered in other Light CAD applications. With CorelCAD 2014, users will enjoy exclusive benefits such as full open and save support for legacy CAD files, and the ability to import and export CorelDRAW® (.CDR) and Corel DESIGNER® (.DES) files*. Only CorelCAD 2014 delivers a new level of sophistication by offering a Tool Matrix, Layer Preview Tool, 3D solid modeling, automation capabilities and more – all at an affordable price.



Comparison Matrix	CorelCAD™ 2014	Light CAD applications
File support		
AutoCAD R2013 .DWG native file format	✓	✓
Legacy CAD file (AutoCAD r12 .DWG) support	✓	–
.DXF (Drawing Exchange File) support	✓	✓
Drawing Template (.DWT) support	✓	✓
Drawing web format (.DWF) 3D support	✓	–
Recovery of corrupted drawings	✓	✓
OLE support	✓*	✓*
Import CorelDRAW® (.CDR) and Corel DESIGNER® (.DES) files	✓*	–
User interface		
Ribbon UI	NEW!*	✓*
Classic Menu &Toolbars	✓	✓
Edit multiple drawings (MDI)	✓	✓
Dockable Properties palette	✓	✓
Tool matrix	✓	–
Design Resources	NEW!	✓
References Manager (Palette)	✓	✓
Right-click context menus	✓	✓*
Command prompt area	✓	✓
Industry-standard command sequences	✓	✓
Options Settings Manager	✓	✓
Search in Options dialog	NEW!	–

*available on Windows operating system only

Comparison Matrix	CorelCAD™ 2014	Light CAD applications
View and Selection tools		
Real time pan & zoom	✓	✓
3D mouse navigation	✓*	✓*
Object Snap (ESnap)	✓	✓
Object Tracking (ETrack) / dynamic guides	✓	✓
QuickGroup tool & Group selection mode setting	NEW!	✓
Drafting and Editing		
Layers Toolbar	✓	✓
Layer states (Save and Restore)	✓	✓
Layer Tools	✓	✓
Layer Transparency	NEW!	✓
Layer Preview tool	NEW!	–
In-Place-Editing of block definitions and external references	✓	✓
Images / References & Underlay rectangular and polygonal clipping	✓	✓
Masking Entities (Wipe out)	✓	✓
Non-rectangular viewports	✓	✓
Rectangle creation with support for area and dimension	✓	✓
Line weights (display and print)	✓	✓
Exploding Splines and Ellipses (to Polylines)	✓	–
Tables	✓	✓
Multiline	✓	✓
Hatch editing	✓	✓
Gradient hatch	✓	✓
True Color support	✓	✓
Multi-language character set	✓	✓
TrueType Fonts support	✓	✓
Spell checking	✓	✓
Internal WYSIWYG multiline text editor	✓	–
CAD drawing standards verification	NEW!	–

*available on Windows operating system only

Comparison Matrix	CorelCAD™ 2014	Light CAD applications
Annotation		
Associative dimensions	✓	✓
Arc length dimensions	✓	✓
Jogged radius dimensions	✓	✓
Smart Dimensioning tool	✓	(✓)
Redline and markup	✓	✓
PDF Underlay	✓	✓
DGN (Microstation CAD file format) Underlay	✓	✓*
VoiceNotes	✓	–
Revision clouds	✓	✓
3D viewing and design		
3D model viewing	✓	✓
Projected (Isometric) views	✓	–
Perspective views	✓	–
Shaded / Rendered display modes	✓	–
Lights	✓	–
Materials	**Optional** (with Render plug-in*)	–
3D surface commands	✓	–
3D solid modeling	✓	–
Printing, plotting, layout sheets		
Multiple Layout Sheet Tabs (Multiple Paper Spaces)	✓	✓
Lock Viewports on Layout Sheets	✓	✓
Color table (CTB) support	✓	✓
Style table (STB) support	✓	✓
Print Configuration Manager	✓	✓
Batch Print	✓	✓
Publishing / Output		
Export to CorelDRAW (.CDR) and Corel DESIGNER (.DES)	✓*	–
Export to PDF	✓	✓
PDF Creation using Print Style Tables	✓	✓
Export to SVG (Scalable Vector Graphics)	✓	–
STL export for 3D printing	✓	–
JPEG, PNG output using Print Style Tables	✓	✓

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

Comparison Matrix	CorelCAD™ 2014	Light CAD applications
Collaboration		
GIS file format support (ESRI Shape (.SHP) files)	✓	–
3D Solid geometry exchange file format (.SAT) support	✓	–
Pack and Go command	✓	✓
Customization		
Visual Menu and Toolbar Customization	✓	✓
User profiles management	✓	–
CUI Menu files support	✓	✓
CUIX Menu file import	NEW!*	✓*
Programming		
LISP (incl. support for Lisp commands from other CAD apps)	✓	–
COM API	✓*	–
Microsoft Visual Studio Tools for Applications (VSTA) support	✓*	–
Plug-In Store (corelcadmarket.com)	✓	–
Licensing		
Single licenses	✓	✓
Network licenses	✓	–
Maintenance (upgrade protection)	✓	✓
Educational licenses	✓	✓
OS support		
Windows 7, Windows Vista and Windows XP	✓	✓
Windows 8.1, Windows 8	✓	✓
64-bit native application	✓	✓
MAC OS X (10.6 - 10.8)	✓	(✓)
MAC OS X Mavericks (10.9)	✓	–
MSI-based network deployment	✓*	✓*

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