



























































COMPARISON CHART

FEATURES

DataCAD LT










































































DataCAD

Drafting

'Smart' parametric walls		
'Smart' parametric doors and windows		
'Smart' parametric arrows		
'Smart' view-dependent symbols		
Automatic wall intersection cleanup		
User-selectable wall intersection cleanup		
Complex user-defined line types		
Pen Styles		
Complex user-defined associative hatch patterns		
Associative dimensions (DIN and AS1100)		
Polyline and related editing tools		
Object snap on-the-fly		
Virtual object snapping		
GetSnap smart snapping		
3D object snapping		
Dynamic Snap Indicator		
Direct distance input method		
Direction / Distance input mode		
Relative and absolute Cartesian input mode		
Relative and absolute polar input mode		
XREFs (External Reference Files)		
Self-XREFs (Internal Reference File)		
SketchUp XREFs		
Bind XREFs to Symbols		
XClips (Reference File Clip Cubes)		
SCLips (Symbol Clip Cubes)		
Fence Clips		
Merge Clipping Boundaries		
HyperView linking		
Hyperlink to external file		
Hyperlink to Internet URL		
Command line alias		
Spell checker with international-language dictionaries		
Architectural text styles (Vector-based fonts)		
Support for TrueType fonts		
DataCAD TrueType Font		
Automatic boundary detection for hatching (Contour search)		

Knockout fills		
Solid color fills		
Pattern fills		
Bitmap fills		
Layer manager with support for long layer names		
Persistent (a.k.a. Modeless) Layer Manager		
Multi-line Text (a.k.a. MText)		
Scale-independent Text (Lock Size)		
Scale-independent Dimensions (Lock Size)		
Scale-independent Hatching (Lock Size)		
Scale-independent Symbols (Lock Size)		
Lock Text Angle		
Support for SHX fonts		
Entity Properties Editor		
Modeling		
3D geometric primitives modeler		
3D Polylines		
Vector-based hidden line removal		
Raster-based hidden line removal		
Digital Terrain Modeling (Drop Mesh)		
TIN (Triangular Irregular Network) Surface Modeler		
Ruled Surface Modeler		
3D Knife		
3D Sectioning Tool		
o2c-based Object Viewer		
Sun Shader		
Convert TrueType fonts to 3D		
3D Boolean Operations		
3D Edit Planes		
B-Spline and Béziercurves with extrusion		
Polygon Normal Options		
Shading		
Real-time walk-through		
7 user-definable light sources (variable color)		
1 sunlight source		
Sun shadow casting (variable color)		
Superimpose scene over background photo		
Custom edge color, width, and overshoot		
Anti-aliased shading		
Texture mapping		
Material definitions by color		

Material definitions by layer		<input checked="" type="checkbox"/>
Material definitions by entity		<input checked="" type="checkbox"/>
Rendering		
Real-time walk-through	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3 fixed ambient light sources	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1 sunlight source	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
User-definable light sources (variable intensity)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
User-definable light sources (variable color)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Raytraced shadow casting	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Superimpose scene over background photo	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Anti-aliased rendering	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Raytracing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Dynamic 3D material preview	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Transparency	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Reflection	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Smoothing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Self-illumination	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Texture mapping	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Texture masking	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Texture origin	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Material definitions by color	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Material definitions by layer	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Material definitions by entity	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Embedded Material Definitions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Included Seamless Textures	250	250
Included Material Definitions	600+	600+
Included Backgrounds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Import materials and textures from o2c objects		<input checked="" type="checkbox"/>
Import materials and textures from SketchUp files	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Printing		
Support for any Windows-compatible printer	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
WYSIWYG Print Preview	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Multi-scale Printing Layout		<input checked="" type="checkbox"/>
Convert Multi-scale Layout to DWG		<input checked="" type="checkbox"/>
Batch printing direct and to .PRN and .PDF		<input checked="" type="checkbox"/>
Print to PDF with layers		<input checked="" type="checkbox"/>
Date, Time, and File Stamps	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Map 15 colors to 15 pens	<input checked="" type="checkbox"/>	
Map 255 colors to 15 pens		<input checked="" type="checkbox"/>
Windows Compatibility		
Windows XP/Vista/7/8/10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Network Awareness	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Interface supports Windows XP themes		
MDI (Multiple Document Interface)		
Multi-view windows		
Standard toolbar		
User-definable icon toolbars		
View-sensitive icon toolbars		
User-definable context-sensitive icon toolbars		
Global, unlimited undo/redo		
Cut, Copy, and Paste to/from Windows applications		
Dynamic Zoom with Mouse Wheel		
Dynamic Panning with Mouse		
"Select All" via [Ctrl] + [A]		
Estimating and Take-offs		
Automated 3D framing with take-offs		
File Compatibility (Open, Import, or Paste)		
.DWG AutoCAD R12 - R2016 drawing file		
.DXF Data Exchange Format file		
.SKP SketchUp 7 - 2015		
.AEC DataCAD drawing file (double-precision)		
.DC5 DataCAD drawing file		
.DLF DataCAD layer file (double-precision)		
.LYR DataCAD layer file		
.DSF DataCAD symbol file (double-precision w/layers)		
.SM3 DataCAD symbol file		
.DC+ DataCAD Plus drawing file		
.LY+ DataCAD Plus layer file		
.SM+ DataCAD Plus symbol file		
.TXT ASCII text file		
.WMF Windows Metafile		
.EMF Enhanced Windows Metafile		
.O2C Objects to See file		
.ACO ArCon file		
.3DS 3D Studio		
.STL Stereo Lithography		
.BMP Windows bitmap		
.JPG Joint Photographic Experts Group (JPEG) file		
.GIF Graphic Interchange Format		
.TIF Tagged Image Format File		
.TGA Truevision Targa Graphic		
.PNG Portable (Public) Network Graphic		
.PCX PC Paintbrush Bitmap Graphic		

.PCD Kodak Photo-CD Image	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
.XLS Excel Spreadsheet		<input checked="" type="checkbox"/>
.PAK DataCAD Pak-N-Go Archive		<input checked="" type="checkbox"/>
.DMF DataCAD Material File	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

File Compatibility (SaveAs, Export, or Copy)

.DWG ACAD R2000 - R2016 drawing file		<input checked="" type="checkbox"/>
.DWG ACAD R12 - R14 drawing file	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
.DXF Data Exchange Format file	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
.DWF WHIP! (Design Web Format)		<input checked="" type="checkbox"/>
.SKP SketchUp 7 - 2015	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
.AEC DataCAD drawing file (double-precision)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
.DLF DataCAD layer file (double-precision)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
.DSF DataCAD symbol file (double-precision w/layers)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
.TXT ASCII text file	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
.WMF Windows Metafile	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
.EMF Enhanced Windows Metafile	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
.O2C Objects to See file	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
.ACO ArCon file	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
.3DS 3D Studio	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
.STL Stereo Lithography		<input checked="" type="checkbox"/>
.BMP Windows bitmap	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
.JPG Joint Photographic Experts Group (JPEG) file	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
.TIF Tagged Image Format File	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
.TGA Truevision Targa Graphic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
.PNG Portable (Public) Network Graphic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
.PCX PC Paintbrush Bitmap Graphic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
.EPS Encapsulated PostScript	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
.PCD Kodak Photo-CD Image	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
.PRN Windows printer file	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
.PDF Adobe Acrobat Portable Document file		<input checked="" type="checkbox"/>
.WRL Virtual Reality Markup Language (VRML) file		<input checked="" type="checkbox"/>
.RAY DC Render file		<input checked="" type="checkbox"/>
.PAK DataCAD Pak-N-Go Archive		<input checked="" type="checkbox"/>
.DMF DataCAD Material File	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Miscellaneous

64-Bit Double-precision database	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
64-Bit Double-precision Display List	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Maximum drawing file size	32MB	1,024MB
Automatic purge of unused data	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Drawing file compression		<input checked="" type="checkbox"/>
Drawing Session Backups		<input checked="" type="checkbox"/>

Automatic Drawing Backup and Recovery	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Symbol Browser	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Included 2D/3D Symbol Library	3,200+	3,200+
Symbol (a.k.a. "Block") Text Attributes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Maximum number of line types per drawing	256	256
Embedded line types	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Line type manager	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Line type creator		<input checked="" type="checkbox"/>
Maximum number of hatch patterns per drawing	Unlimited	Unlimited
Embedded hatch patterns	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Hatch pattern manager	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Maximum number of layers	1,000	32,768
Maximum number of icons per toolbar	Unlimited	Unlimited
Maximum number of characters per layer name	256	256
B-Spline, maximum number of control points	20	20
Bézier, maximum number of control points	20	20
3D Slabs and Polygons maximum number of nodes	256	256
3D Quadrics (Spheres, Cones, etc.) max. divisions	128	128
DCAL (DataCAD Applications Language) Included	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DCAL for Delphi Included	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DCAL for C++ Included	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Selection Sets		<input checked="" type="checkbox"/>
Text Scale		<input checked="" type="checkbox"/>
Customizable keyboard macros		<input checked="" type="checkbox"/>
Hard-coded keyboard macros	<input checked="" type="checkbox"/>	
Identify, Set All		<input checked="" type="checkbox"/>
User-definable default drawings		<input checked="" type="checkbox"/>
Customizable scales, angles, and distances	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Architectural scale fractions 1/64, 1/128, 1/256		<input checked="" type="checkbox"/>