



GstarCAD vs Others



GstarCAD 2023

ACAD 2023

Features	Professional	Standard	Professional	LT
File				
64-bit Support	✓	✓	✓	✓
.dwg/.dxf for AutoCAD version 2.5 to latest	✓	✓	✓	✓
.ipw/.ipw/.lin and etc	✓	✓	✓	✓
File Recover and Audit	✓	✓	✓	✓
Purge	✓	✓	✓	✓
Etransmit	✓	✓	✓	✓
Sheet Set Manager	✓	✓	✓	✓
CAD Standard .dws	✓	✓	✓	✗
DWF Underlay	✓	✓	✓	✓
PDF Underlay	✓	✓	✓	✓
DGN Import and Underlay	✓	✓	✓	✓
DWG Convert	✓	✓	✓	✓
Import to WMF, SAT, 3DS	✓	✓	✓	✓
Export to DWG, DWF, DWFX, WMF, SAT, STL, EPS, DXF, BMP, EMF	✓	✓	✓	✓
Plot and Publish to PDF	✓	✓	✓	✓
Publish to DWF 2D & 3D	✓	✓	✓	✓
Collaboration	✓	✓	✗	✗
IFC format	✓	✓	✗	✗
Single-document Mode	✓	✓	✓	✓
Digital Signature	✓	✓	✓	✓
Reset Settings to Default	✓	✓	✓	✓
DWF Import	✓	✓	✗	✗
Mark Up	✗	✗	✓	✓
Interface				
Quick Properties	✓	✓	✓	✓
Block Palette	✗	✗	✓	✓
Dark Theme	✓	✓	✓	✓
Hidden Message Settings	✓	✓	✓	✓
WorkSpace command	✓	✓	✓	✓
CUI Menus and Toolbars	✓	✓	✓	✗
CUI Import & Export	✓	✓	✓	✓
Drag and Drop Customization	✓	✓	✗	✗
Ribbon Menu Customization	✓	✓	✓	✓
Ribbon/Classic	✓	✓	✓	✓
Properties Palettes	✓	✓	✓	✓
Design Center/Tool Palette/Xref Palette	✓	✓	✓	✓
Command Line	✓	✓	✓	✓
Clean Screen	✓	✓	✓	✓
Dynamic Input and Auto Complete	✓	✓	✓	✓
Clickable Command Line Options	✗	✗	✓	✓
File Tab	✓	✓	✓	✓
Selection, Snap & Track				
Navigation Cube	✓	✓	✓	✓
SELECTIONCYCLING	✓	✓	✓	✓
Right-Click + Drag Method	✓	✓	✓	✓
Selection Preview	✓	✓	✓	✓
Selection Effect Customization	✗	✗	✓	✓
Quick Select	✓	✓	✓	✓
Select Similar	✓	✓	✓	✓
Multifunctional Grips	✓	✓	✓	✓
OSnap	✓	✓	✓	✓
Grid and Snap	✓	✓	✓	✓
Polar & OTrack	✓	✓	✓	✓
Group	✓	✓	✓	✓
Distance from Endpoint and Divide Segments	✓	✓	✗	✗
ADDSSELECTED Command	✓	✓	✓	✓
Multiple command	✓	✓	✓	✓
Dimensions				
DIMCENTER Command	✓	✓	Partially	Partially
Reassociate Dimension	✓	✓	✓	✓
Quick Measure by Hovering	Rapid Distance	Rapid Distance	✓	✓
Standard Dimensions	✓	✓	✓	✓
Associative Dimension	✓	✓	✓	✓
Dimension Break	✓	✓	✓	✓
Quick Dimension	✓	✓	✓	✓
Qleader	✓	✓	✓	✓
Smart Dimensioning	✗	✗	✓	✓
Multileaders	✓	✓	✓	✓
Text				
Mtext	✓	✓	✓	✓
Text	✓	✓	✓	✓
Multi-language Character Set	✓	✓	✓	✓
In-place Text Editor	✓	✓	✓	✓
Mtext Superscript and Subscript	✓	✓	✓	✓
Support .shx and .art font	✓	✓	✓	✓
Spelling	✓	✓	✓	✓
Fields	✓	✓	✓	✓
Text Align / Text Match	✓	✓	Text Align	Text Align
Change Text	✓	✓	✗	✗
Mtext Editor	✓	✓	✓	✗
Text Incremental Copy	✓	✓	✗	✗
Text on line	✓	✓	✗	✗
Statistics Summation	✓	✓	✗	✗
Check spelling in Mtext	✓	✓	✓	✓
Recycle	✓	✓	✓	✓
Wipeout	✓	✓	✓	✓
Autobulleted and Numbering	✓	✓	✓	✓
Layers				
Auto Layer	✓	✓	✗	✗
Change to ByLayer(SETBYLAYER)	✓	✓	✓	✓
Layer Properties Manager	✓	✓	✓	✓
Layer States Manager	✓	✓	✓	✓
Layer Translator	✓	✓	✓	✓
Layer Walk	✓	✓	✓	✓
Layer Previous	✓	✓	✓	✓
Layer Isolate	✓	✓	✓	✓
Layer Unisolate	✓	✓	✓	✓
Layer Lock	✓	✓	✓	✓
Layer Unlock	✓	✓	✓	✓
Layer Unlock All	✓	✓	✗	✗
Lock Other Layers	✓	✓	✗	✗
Layer Freeze	✓	✓	✓	✓
Freeze Other Layer	✓	✓	✗	✗
Thaw All Layers	✓	✓	✓	✓
Layer Off	✓	✓	✓	✓
Off Other Layer	✓	✓	✗	✗
Turn All Layers On	✓	✓	✓	✓
Layer Merge	✓	✓	✓	✓
Layer Delete	✓	✓	✓	✓
Layer Match	✓	✓	✓	✓
Hatch				
Hatch objects from Tool Palettes	✓	✓	✓	✓
Gradient Hatches	✓	✓	✓	✓
Custom Patterns	✓	✓	✓	✓
Background and Color for Hatch Patterns	✓	✓	✓	✓
Trim/Extend of/o Hatch Pattern Entities	✓	✓	✓	✓
Superhatch	✓	✓	✓	✗
Raster images				
Raster Image Support (Clipping, Transparency, ...)	✓	✓	✓	✓
Support kinds of Image Files (bmp/gif/png/jpeg/psd/...)	Not support ECW	Not support ECW	✓	✓
Express Tools				
Layout Merge	✓	✓	✓	✓
Synchronize Viewports	✓	✓	✓	✓
Breakpoint Check (CLOSELINE)	✓	✓	✗	✗
Fast Select	✓	✓	✓	✓
Change Base	✓	✓	✗	✗
Area Table	✓	✓	✗	✗
Break Object	✓	✓	✗	✗
Block Break	✓	✓	✗	✗
Graphic Compare	✓	✓	✗	✗
Batchpage	✓	✓	✗	✗
Layout by Path	✓	✓	Array path	Array path
Linlog	✓	✓	✗	✗
Split	✓	✓	✗	✗
GstarCAD Tools	✓	✓	✗	✗
Plot tools	✓	✓	✓	✓
Drawing Compare	✓	✓	DWG COMPARE	DWG COMPARE
Delete Duplicate Objects (OVERKILL)	✓	✓	✓	✓
Drawing Lock	✓	✓	✗	✗
Other				
Region	✓	✗	✓	✓
Asssum	✓	✓	✗	✗
Draw and Modify Commands	✓	✓	✓	✓
Outline Objects	✓	✓	✗	✗
Align Tool / Arrange Tool	✓	✓	✗	✗
Real Time Pan & Zoom	✓	✓	✓	✓
SteeringWheels	✗	✗	✓	✓
Magnifier	✓	✗	✗	✗
Redraw and Regeneration	✓	✓	✓	✓
Layout and Paper Space	✓	✓	✓	✓
Non-rectangular Viewports	✓	✓	✓	✓
Layout Viewport settings	✓	✓	✓	✓
Multilines and Multiline Styles	✓	✓	✓	✗
Block create and insert	✓	✓	✓	✓
Redefine Block	✓	✓	✓	✓
Reformat	✓	✓	✓	✓
Dynamic Block Create/ Insert/ View/ Edit	✓	Partially	✓	✓
Block Attribute Definition	✓	✓	✓	✓
Barcode & QRcode	✓	✓	✗	✗
Table Tools	✓	✓	✗	✗
Table	✓	✓	✓	✓
AutoXLSTable	✓	✓	✗	✗
Make Shape	✓	✓	✓	✓
Import Layout as Sheet	✓	✓	✓	✓
Viewport Scale	✓	✓	✓	✓
Attribute Increment	✓	✓	✗	✗
Define Layout Viewport from ModelSpace(MZLVPORIT)	✓	✓	✗	✗
Security	✓	✓	✓	✗
Free Scale	✓	✓	✗	✗
Hatch to Back	✓	✓	✓	✓
Reverse	✓	✓	✓	✓
Synchronize Attributes	✓	✓	✓	✓
Clip	✓	✓	✓	✓
Array Options	✓	✓	✓	✓
Symmetric Draw	✓	✓	✗	✗
Smart centerlines/create marks	✗	✗	✓	✓
Invert Fillet	✓	✓	✗	✗
Offset Multiple	✓	✓	✓	✓
Helix	✓	✓	✓	✓
Cloud Storage	✓	✓	✓	✓
Shortcut Customization(CUSTACC)	✓	✓	✗	✗
March Properties Across Drawings	✓	✓	✓	✓
Hyperlink	✓	✓	✓	✓
Digitizer Integration	✓	✓	✓	✓
Scale List	✓	✓	✓	✓
Plane Boolean	✓	✓	✗	✗
Xref path repair	✗	✗	✓	✓
Undo/Redo Preview	✓	✓	✓	✓
3D				
POLYSOLID	✓	✗	✓	✗
PLANESURF	✓	✗	✓	✗
SURFOFFSET	✓	✗	✓	✗
CONVTOMESH	✓	✗	✓	✗
CONVTOSOLID	✓	✗	✓	✗
CONVTSURFACE	✓	✗	✓	✗
CONVTORUBS	✓	✗	✓	✗
Paint Cloud	✓	✓	✓	✓
3D Edition Grips	✓	✗	✓	✗
Section Plane	✓	✗	✓	✗
Flatten	✓	✗	✓	✗
Solid editing	✓	✗	✓	✗
3D Surfaces	✓	✓	✓	✗
ACIS Modeling & Editing	✓	✗	✓	✗
Camera	✗	✗	✓	✗
3D Orbit options	✓	✓	✓	✗
Render	✓	✗	✓	✗
Visual Styles Manager	✓	✗	✓	✗
Solprof / Subview / Solidraw	✓	✗	✓	✗
Printing				
CTB & STB Plot Style Files	✓	✓	✓	✓
Build-in Print Driver	✓	✓	✓	✓
Import & Editing of Page Setups	✓	✓	✓	✓
Publish	✓	✓	✓	✓
Hide and Shade Plot	✓	✓	✓	✓
Batch Print	✓	✓	✗	✗
Arrange Frame	✓	✓	✗	✗
Plot Styles Table Editor	✓	✓	✓	✓
Viewport Max	✗	✗	✓	✓
3D Print Studio	✗	✗	✓	✗
Programming				
LISP Vb-, vb-, vba- and vlx	✓	✓	✓	✗
LISP Encryption	✓	✓	✓	✗
Solutions Development System (SDS/ADS)	✓	✓	✓	✗
DCL / DCL engine / Professional API	✓	✓	✓	✗
Visual Basic for Applications	✓	✓	✓	✗
VBA VBI projects support	✓	✓	DVB	✗
.Net Framework	✓	✓	✓	✗
GRX (GstarCAD Runtime eXtension)	✓	✓	ABX	✗
CLI	✓	✓	✓	✓
Direct Expressions	✓	✓	✓	✓
MNU and MNS File Support	✓	✓	✓	✓
API (Toolbar & Menu Customization)	✓	✓	✓	✗
Entity Data Editor	✓	✓	✓	✗
Action Recording and Action Macros	✗	✗	✓	✗
Licensing				
Subscription	✓	✓	✓	✓
Perpetual License	✓	✓	✗	✗
Stand-alone USB dongle	✓	✓	✗	✗
Network USB dongle	✓	✓	✗	✗
Stand-alone License	✓	✓	✓	✓
Network License	✓	✓	✗	✗