

# GstarCAD 2019

Files	Pro	Std
32-bit / 64-bit Support	✓	✓
.dwg and .dxf for AutoCAD version 2.5 to latest	✓	✓
.pat,.shx,.lin and etc	✓	✓
Password Protection	✓	✓
File Recover and Audit	✓	✓
Purge	✓	✓
Etransmit	✓	✓
Sheet Set Manager	✓	✓
CAD Standard .dws	✓	✓
Xrefs in-place Editing	✓	✓
DWF Underlay	✓	✓
PDF Underlay	✓	✓
DGN File Formate Support	✓	✓
DWG Convert	✓	✓
Import to WMF, SAT, 3DS	✓	✓
Export to DWG, DWF, DWFX, WMF, SAT, STL, EPS, DXX, BMP, EMF	✓	✓
Plot and Publish to PDF	✓	✓
Publish to DWF 2D & 3D	✓	✓
Collaboration	✓	✓
IFC format	✓	✓
Interface	Pro	Std
Hidden Message Settings	✓	✓
CUI Menus and Toolbars	✓	✓
CUI Import & Export	✓	✓
Drag and Drop Customization	✓	✓
Visual Menu Customization	✓	✓
Ribbon/Classic	✓	✓
Properties Palettes	✓	✓
Design Center / Tool Palettes	✓	✓
Xref Palette	✓	✓
Command Line	✓	✓
Work Spaces Switching	✓	✓
WorkSpace command	✓	✓
Clean Screen	✓	✓
New Dynamic Input	✓	✓
File Tab	✓	✓
Selection, Snap & Track	Pro	Std
SELECTIONCYCLING	✓	✓
Right-Click + Drag Method	✓	✓
Selection Preview	✓	✓
Quick Select	✓	✓
Select Similar	✓	✓
Xtra Grips for Pline & Hatch Objects	✓	✓
Osnap	✓	✓
Grid and Snap	✓	✓
Polar & OTrack	✓	✓
Distance from Endpoint and Divide Segments options	✓	✓
Multifunctional Grips (Pline)	✓	✓
Group	✓	✓
ADDSELECTED command	✓	✓
Multiple command	✓	✓

<b>Dimensions</b>	<b>Pro</b>	<b>Std</b>
Standard Dimensions	✓	✓
Associative Dimension	✓	✓
Quick Dimension	✓	✓
Qleader	✓	✓
Dimension Break	✓	✓
Multileaders	✓	✓
<b>Text</b>	<b>Pro</b>	<b>Std</b>
Text Align / Text Match	✓	✓
Change Text	✓	✓
Mtext	✓	✓
Text	✓	✓
Multi-language Character Set	✓	✓
In-place Text Editor	✓	✓
Mtext Editor	✓	✓
Support .shx and .ttf font	✓	✓
Spelling	✓	✓
Check spelling in Mtext	✓	✓
Field	✓	✓
Revcloud	✓	✓
Wipeout	✓	✓
Rtext / Arc text	✓	✓
Text Incremental Copy	✓	✓
Text on line	✓	✓
<b>Layers</b>	<b>Pro</b>	<b>Std</b>
Auto Layer	✓	✓
Change to ByLayer (SETBYLAYER)	✓	✓
Layer Properties Manager	✓	✓
Layer States Manager	✓	✓
Layer Translator	✓	✓
Layer Walk	✓	✓
Layer Previous	✓	✓
Layer Isolate	✓	✓
Layer Unisolate	✓	✓
Layer Lock/Unlock	✓	✓
Layer Unlock	✓	✓
Lock Other Layers	✓	✓
Layer Freeze/Freeze Other	✓	✓
Freeze Other Layer	✓	✓
Thaw All Layers	✓	✓
Layer Off/Off Other	✓	✓
Off Other Layer	✓	✓
Trun All Layers On	✓	✓
Layer Merge	✓	✓
Layer Delete	✓	✓
Layer Match	✓	✓
<b>Hatch</b>	<b>Pro</b>	<b>Std</b>
Gradient Hatches	✓	✓
Custom Patterns	✓	✓
Background and Color for Hatch Patterns	✓	✓
Trim/Extend of/to Hatch Pattern Entities	✓	✓
Superhatch	✓	✓
<b>Raster images</b>	<b>Pro</b>	<b>Std</b>
Raster Image Support (Clipping, Transparency, ...)	✓	✓

Support Kinds of Image Files (bmp\jpg\png\tga\tif\gif\pcx\...)	ECW and JPEG 2000 not supported yet	ECW and JPEG 2000 not supported yet
<b>Express Tools</b>	<b>Pro</b>	<b>Std</b>
Area Table	✓	✓
Break Object	✓	✓
Block Break	✓	✓
Graphic Compare	✓	✓
Batpurge	✓	✓
Layout by Path	✓	✓
<b>Express Tools</b>	<b>Pro</b>	<b>Std</b>
Line2pl	✓	✓
Sptpl	✓	✓
GstarCAD Tools	✓	✓
Table Tools	✓	✓
Plot tools	✓	✓
Drawing Compare	✓	✓
Delete Duplicate Objects (OVERKILL)	✓	✓
Drawing Lock	✓	✓
<b>Others</b>	<b>Pro</b>	<b>Std</b>
Make Shape	✓	✓
Import Layout as Sheet	✓	✓
Viewport Scale	✓	✓
Attribute Increment	✓	✓
Define Layout Viewport from ModelSpace (M2LVPORT)	✓	✓
Security	✓	✓
Free Scale	✓	✓
Hatch to Back	✓	✓
Reverse	✓	✓
Synchronize Attributes	✓	✓
Clip	✓	✓
Array Options	✓	✓
Align Tool / Arrange Tool	✓	✓
Areasum	✓	✓
Table	✓	✓
Symmetric Draw	✓	✓
Outline Objects	✓	✓
Invert Fillet	✓	✓
Draw and Modify Commands	✓	✓
Offset Multiple	✓	✓
Helix	✓	✓
Real Time Pan & Zoom	✓	✓
Annotative Objects	✓	✓
Object Scales	✓	✓
Redraw and Regeneration	✓	✓
Layout and Paper Space	✓	✓
Layout Viewport settings	✓	✓
Magnifier	✓	
Barcode & QR Code	✓	✓
Cloud Storage	✓	✓
Non-rectangular Viewports	✓	✓
Shortcut Customization	✓	✓
Match Properties Across Drawings	✓	✓
Multilines and Multiline Styles	✓	✓
Block Create and Insert	✓	✓
Block Attribute Definition	✓	✓

Redefine Block	✓	✓
Refedit	✓	✓
Hyperlink	✓	✓
Digitizer Integration	✓	✓
Scale List	✓	✓
Dynamic Block Create/ Insert/View	✓	✓
MEASUREGEOM (Sum area and Total Length)	✓	✓
Dynamic Block Editor (BEDIT)	✓	Partially
AutoXLSTable	✓	✓
Pline Boolean	✓	✓
<b>3D</b>	<b>Pro</b>	<b>Std</b>
Section Plane	✓	
Flatshot	✓	✓
3D Surfaces	✓	✓
ACIS Modeling & Editing	✓	
3D Orbit options	✓	✓
Render	✓	
Visual Styles	✓	✓
Solid Editing	✓	
Solprof / Solview / Soldraw	✓	
<b>Printing</b>	<b>Pro</b>	<b>Std</b>
CTB & STB Plot Style Files	✓	✓
Plot Styles Table Editor	✓	✓
Built-in Print Driver	✓	✓
Import & Editing of Page Setups	✓	✓
Publish	✓	✓
Hide and Shade Plot	✓	✓
Batch Print	✓	✓
Arrange frame	✓	✓
<b>Programming</b>	<b>Pro</b>	<b>Std</b>
Entity Data Editor	✓	✓
LISP Support with vl-, vlr-, vla- and vlax- support	✓	✓
LISP Encryption	✓	✓
Solutions Development System (SDS/ADS)	✓	✓
DCL / DCL engine / COM API	✓	✓
Visual Basic for Applications	✓	✓
VBA VBI Projects Support	✓	✓
.Net Framework	✓	✓
GRX (GstarCAD Runtime eXtension)	✓	✓
CUI Menu Support	✓	✓
Diesel Expressions	✓	✓
MNU and MNS File Support	✓	✓
API for Toolbar and Menu Customization	✓	✓
<b>Licensing</b>	<b>Pro</b>	<b>Std</b>
Stand-alone USB dongle	✓	✓
Network USB dongle	✓	✓
Stand-alone License(Flexnet)	✓	✓
Network License(Flexnet)	✓	✓
Online Register	✓	✓

## REMARKS

This table is for reference only

Empty space means functionally not supported

Table comparison updated at Sep 30th 2018