

	GstarCAD 2017		Draftsight 2016SP1	
Files	Pro	Std	Pro	Free
32-bit / 64-bit Support	✓	✓	✓	✓
.dwg and .dxf for AutoCAD version 2.5 to latest	✓	✓	✓	✓
.pat,.shx,.lin and etc	✓	✓	✓	✓
Password Protection and Digital	✓	✓		
File Recover and Audit	✓	✓	✓	✓
Purge	✓	✓	✓	✓
Etransmit	✓	✓		
Edrawing			Seperated software need to pay	Seperated software need to pay
Sheet Set Manager	✓	✓		
CAD Standard .dws	✓	✓	✓	✓
Xrefs in-place Editing	✓	✓		
DWF Underlay	✓	✓		
PDF Underlay	✓	✓		
DGN File Formate Support	✓	✓		
Import to WMF, SAT, 3DS	✓	✓	Only SAT	Only SAT
Export to DWG, DWF, DWFX, WMF, SAT, STL, EPS, DXX, BMP, EMF	✓	✓	Partially	Partially
Plot inner driver and plot manager	✓	✓		
Publish to DWF 2D & 3D	✓	✓		
Interface	Pro	Std	Pro	Free
CUI Menus and Toolbars	✓	✓	✓	✓
CUI Import & Export	✓	✓		
Visual Menu Customization	✓	✓		
Ribbon/Classic	✓	✓	✓	✓
Properties Palettes	✓	✓	✓	✓
Design Center / Tool Palettes	✓	✓	Only support design center	
Toolbox	GstarCAD Mechanical	GstarCAD Mechanical	Few mechanical tools for Pro and Enterprise	
Xref Palette	✓	✓	✓	✓
Command Line	✓	✓	✓	✓
Clean Screen(CTRL+0)	✓	✓	✓	✓
Command Autocomplete and Dynamic Input	✓	✓		
File Tab	✓	✓	✓	✓
Selection, Snap & Track	Pro	Std	Pro	Free
Selection Preview	✓	✓		
Quick Select	✓	✓	SMARTSELECT	SMARTSELECT
Select Similar	✓	✓	SELECTMATCHING	SELECTMATCHING
Xtra Grips for Pline & Hatch Objects	✓	✓		
Osnap	✓	✓	✓	✓
Grid and Snap	✓	✓	✓	✓
Polar & OTrack	✓	✓	✓	✓
Distance from Endpoint and Divide Segments options	✓	✓		
Multifunctional Grips (Pline)	✓	✓		
Group	✓	✓	✓	✓

Dimensions	Pro	Std	Pro	Free
Standard Dimensions	✓	✓	✓	✓
Associative Dimension	✓	✓		
Quick Dimension	✓	✓		
Qleader	✓	✓	✓	✓
Dimension Break	✓	✓		
Multileaders	✓	✓		
Text	Pro	Std	Pro	Free
Mtext	✓	✓	Note	Note
Text	✓	✓	✓	✓
Multi-language Character Set	✓	✓	✓	✓
In-place Text Editor	✓	✓	✓	✓
Mtext Editor	✓	✓	✓	✓
Support .shx and .ttf font	✓	✓	✓	✓
Spelling	✓	✓	✓	✓
Field	✓	✓		
Revcloud	✓	✓	Cloud command as block	Cloud command as block
Wipeout	✓	✓	✓	✓
Rtext / Arc text	✓	✓		
Text Incremental Copy	✓	✓		
Text on line	✓	✓		
Layers	Pro	Std	Pro	Free
Layer Properties Manager	✓	✓	✓	✓
Layer States Manager	✓	✓	✓	✓
Layer Translator	✓	✓		
Layer Walk	✓	✓		
Layer Previous	✓	✓	✓	✓
Layer Isolate	✓	✓	✓	✓
Layer Unisolate	✓	✓	✓	✓
Layer Lock/Unlock	✓	✓	✓	✓
Lock Other Layers	✓	✓		
Layer Freeze	✓	✓	✓	✓
Freeze Other Layer	✓	✓		
Thaw All Layers	✓	✓	✓	✓
Layer Off	✓	✓	✓	✓
Off Other Layer	✓	✓		
Trun All Layers On	✓	✓	✓	✓
Layer Merge	✓	✓		
Layer Delete	✓	✓	✓	✓
Layer Match	✓	✓	✓	✓
Hatch	Pro	Std	Pro	Free
Gradient Hatches	✓	✓	✓	✓
Custom Patterns	✓	✓	✓	✓
Background and Color for Hatch	✓	✓		
Trim/Extend of/to Hatch Pattern	✓	✓	✓	✓
Superhatch	✓	✓		
Raster images	Pro	Std	Pro	Free
Raster Image Support (Clipping, Transparency, ...)	✓	✓		
Support Kinds of Image Files (bmp\jpg\png\tga\tif\gif\pcx\...)	ECW and JPEG 2000 not supported	ECW and JPEG 2000 not supported	Partially	Partially

Express Tools	Pro	Std	Pro	Free
Break Object	✓	✓		
Block Break	✓	✓		
Graphic Compare	✓	✓		
Text Align / Text Match	✓	✓		
Change Text	✓	✓		
Areasum	✓	✓		
Align Tool / Arrange Tool	✓	✓		
Batpurge	✓	✓		
Layout by Path	✓	✓		
Line2pl	✓	✓		
Sptpl	✓	✓		
GstarCAD Tools	✓	✓		
Plot tools	✓	✓		
Drawing Compare	✓	✓	Only for Pro and Enterprise	
Delete Duplicate Objects	✓	✓	✓	✓
Drawing Lock	✓	✓		
Statistics Summation	✓	✓		
Others	Pro	Std	Pro	Free
Symmetric Draw	✓	✓		
Outline Objects	✓	✓		
Invert Fillet	✓	✓		
Helix	✓	✓		
Real Time Pan & Zoom	✓	✓		
Annotative Objects	✓	✓		
Object Scales	✓	✓	ANNENTITYSCALE	ANNENTITYSCALE
Redraw and Regeneration	✓	✓	REFRESH, REBUILD	REFRESH, REBUILD
Layout and Paper Space	✓	✓	✓	✓
Layout Viewport settings	✓	✓	✓	✓
Magnifier (loupe)	✓			
Barcode & QR Code	✓	✓		
Cloud Storage	✓	✓		
Non-rectangular Viewports	✓	✓	✓	✓
Shortcut Customization (CUSTACC)	✓	✓		
Match Properties Across Drawings	✓	✓		
Multilines and Multiline Styles	✓	✓	✓	✓
Block Create and Insert	✓	✓	✓	✓
Block Attribute Definition	✓	✓	✓	✓
Refedit	✓	✓	EDITCOMPONENT	EDITCOMPONENT
Hyperlink	✓	✓	✓	✓
Digitizer Integration	✓	✓		
Scale List	✓	✓	✓	✓
Dynamic Block Create/Insert/View	✓	✓		
MEASUREGEOM (Sum area\Total	✓	✓		
Dynamic Block Editor (BEDIT)	✓	Partially		
Table	✓	✓	✓	✓
AutoXLSTable	✓	✓		
Pline Boolean	✓	✓		
3D	Pro	Std	Pro	Free
Flatshot	✓	✓		
3D Surfaces	✓	✓	✓	✓
ACIS Modeling & Editing	✓		3D command	3D command
3D Orbit	✓	✓	✓	✓

Render	✓		ARENDER	ARENDER
Visual Styles	✓	✓		
Solid Editing	✓			
Solprof / Solview / Soldraw	✓			
Printing	Pro	Std	Pro	Free
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	✓	✓	Only for Pro and Enterprise	
Arrange frame	✓	✓		
Programming	Pro	Std	Pro	Free
LISP Support with vl-, vlr-, vla- and	✓	✓	✓	✓
LISP Encryption	✓	✓		
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	✓	✓		
Licensing	Pro	Std	Pro	Free
Stand-alone USB dongle	✓	✓		
Network USB dongle	✓	✓		
Stand-alone License(Flexnet)	✓	✓		
Network License(Flexnet)	✓	✓		
Online Register	✓	✓		
subscription required			✓	✓

REMARKS

Empty means functionality not supported

Table comparison updated at Aug 16th 2016