	GstarCAD 2025			DraftSight 2024
Files	Plus	Pro	Std	Premium
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	✓	✓	✓	Pack and Go
Edrawing				Seperated software need to pay
Sheet Set Manager	✓	✓	✓	✓
CAD Standard .dws	✓	✓	✓	✓
Xrefs in-place Editing	✓	✓	✓	✓
DWF Underlay	✓	✓	✓	
PDF Underlay	✓	✓	✓	✓
DGN File Formate Support	✓	✓	✓	✓
DWG Convert	✓	✓	✓	
Import WMF, SAT, 3DS, DWF, DWFX, DGN, PDF, SVG	✓	✓	✓	Partially
Export to DWG, DWF, DWFX, WMF, EMF, SAT, STL, EPS, DXX, BMP, SVG	✓	✓	✓	Partially
Add Plotter and Plot Manager	✓	✓	✓	
Plot and Publish to PDF	✓	✓	✓	✓
Publish to DWF 2D & 3D	✓	✓	✓	
Collaboration	✓ 365	✓ 365	✓ 365	
IFC Import/Export and Edit	✓	✓		
RVT Import and Edit	✓	✓		
PDF Import and Export	✓	✓	✓	✓
ACAD Tool Palettes Import Tool	✓	✓	✓	
Single-document Mode	✓	✓	✓	✓
Digital Signature	✓	✓	✓	
Batch Digital Signing Tool	✓	✓	✓	
Reset Settings to Default.	✓	✓	✓	
STEP/IGES Files	✓	✓		
DWGUNITS	✓	✓	✓	
CATIA Drawing Import				✓
Interface	Plus	Pro	Std	Premium
Quick Properties	✓	✓	✓	
Hidden Message Settings	✓	✓	✓	
WorkSpace command	✓	✓	✓	
Color Scheme	More	More	More	Dark/Light
CUI Menus and Toolbars	✓	✓	✓	✓
CUI Import & Export	✓	✓	✓	
Drag and Drop Customization	✓	✓	✓	Different Method
Visual Menu Customization	✓	✓	✓	
Ribbon/Classic	✓	✓	✓	✓
Properties Palettes	✓	✓	✓	✓
Design Center / Tool Palettes	✓	✓	✓	✓
Toolbox	GstarCAD Mechanical	GstarCAD Mechanical	GstarCAD Mechanical	Few Mechanical Tools
Xref Palette	✓	✓	✓	✓
Command Line	✓	✓	✓	✓

	Plus	Pro	Std	Premium
Work Spaces Switching	✓	✓	✓	✓
Clean Screen	✓	✓	✓	✓
New Dynamic Input	✓	✓	✓	
Menu bar	✓	✓	✓	
File Tab	✓	✓	✓	✓
Selection, Snap & Track	**Plus**	**Pro**	**Std**	**Premium**
3D Mouse Device Adaption	✓	✓	✓	✓
Lasso Selection	✓	✓	✓	
Navigation Cube	✓	✓	✓	✓
SELECTIONCYCLING	✓	✓	✓	✓
Right-Click + Drag Method	✓	✓	✓	
Selection Preview	✓	✓	✓	✓
Quick Select	✓	✓	✓	SMARTSELECT
Select Similar	✓	✓	✓	SELECTMATCHING
Xtra Grips for Hatch Objects	✓	✓	✓	
Osnap	✓	✓	✓	✓
Grid and Snap	✓	✓	✓	✓
Polar & OTrack	✓	✓	✓	✓
Distance from Endpoint and Divide Segments options	✓	✓	✓	
Multifunctional Grips (Pline)	✓	✓	✓	✓
Group	✓	✓	✓	✓
ADDSELECTED command	✓	✓	✓	
Multiple command	✓	✓	✓	✓
Dimensions	**Plus**	**Pro**	**Std**	**Premium**
DIMCENTER Command	✓	✓	✓	Partially
Reassociate Dimension	✓	✓	✓	✓
DIMTOFFSET	✓	✓	✓	
Rapid Distance	✓	✓	✓	
Standard Dimensions	✓	✓	✓	✓
Associative Dimension	✓	✓	✓	✓
Quick Dimension	✓	✓	✓	AUTODIMENSION
Qleader	✓	✓	✓	SMARTLEADER
Dimension Break	✓	✓	✓	✓
Multileader	✓	✓	✓	✓
Multileader style manager	✓	✓	✓	✓
Dynamic Dimensions	✓	✓	✓	
Voice Annotation	✓	✓	✓	
Parametric Constraints	**Plus**	**Pro**	**Std**	**Premium**
Coincident Constraint	✓			✓
Perpendicular Constraint	✓			✓
Parallel Constraint	✓			✓
Tangent Constraint	✓			✓
Horizontal Constraint	✓			✓
Vertical Constraint	✓			✓
Collinear Constraint	✓			✓
Concentric Constraint	✓			✓
Smooth Constraint	✓			✓
Symmetric Constraint	✓			✓
Equal Constraint	✓			✓
Fix Constraint	✓			✓

Constraint Settings	✓			✓
Delete Constraint	✓			✓
Show/Hide Constraint	✓			✓
Text	**Plus**	**Pro**	**Std**	**Premium**
Text Align / Text Match	✓	✓	✓	
Change Text	✓	✓	✓	
Mtext	✓	✓	✓	NOTE
Text	✓	✓	✓	SIMPLENOTE
Multi-language Character Set	✓	✓	✓	✓
In-place Text Editor	✓	✓	✓	✓
Mtext Editor	✓	✓	✓	✓
Support .shx and .ttf font	✓	✓	✓	✓
Spelling	✓	✓	✓	Partially
Check spelling in Mtext	✓	✓	✓	
Field	✓	✓	✓	✓
Revcloud	✓	✓	✓	CLOUD
Wipeout	✓	✓	✓	Partially
Rtext / Arc text	✓	✓	✓	Only CURVEDTEXT
Text Incremental Copy	✓	✓	✓	
Text on line	✓	✓	✓	
Statistics Summation	✓	✓	✓	
Layers	**Plus**	**Pro**	**Std**	**Premium**
Layer Palette	✓	✓	✓	✓
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	✓	✓	✓	
Trun All Layers On	✓	✓	✓	✓
Layer Merge	✓	✓	✓	✓
Layer Delete	✓	✓	✓	✓
Layer Match	✓	✓	✓	✓
Hatch	**Plus**	**Pro**	**Std**	**Premium**
Hatch objects from Tool Palettes	✓	✓	✓	
Gradient Hatches	✓	✓	✓	✓
Gradient Hatches Color books	✓	✓	✓	
Custom Patterns	✓	✓	✓	Partially

	Plus	Pro	Std	Premium
Background and Line Color for Hatch Patterns	✓	✓	✓	✓
Trim/Extend of/to Hatch Pattern Entities	✓	✓	✓	✓
Superhatch	✓	✓	✓	
Transparency for Hatch	✓	✓	✓	✓
trim/Extend/hatch preview	✓	✓	✓	Only Hatch Preview
Raster images	Plus	Pro	Std	Premium
Raster Image Support (Clipping, Transparency, ...)	✓	✓	✓	IMAGE TRACER/IMAGECLIP
Support Kinds of Image Files (bmp\jpg\png\tga\tif\gif\pcx\ecw...)	✓	✓	✓	Not support ECW/JPEG 2000/Others
Express Tools	Plus	Pro	Std	Premium
Lockup(with password)	✓	✓	✓	
Layout Merge	✓	✓	✓	
Synchronize Viewports	✓	✓	✓	
Breakpoint Check	✓	✓	✓	
Fast Select (FASTSEL)	✓	✓	✓	
Change Base	✓	✓	✓	
Layer Draw Order	✓	✓	✓	
Area Table	✓	✓	✓	
Break Object	✓	✓	✓	
Block Break	✓	✓	✓	
Graphic Compare	✓	✓	✓	
Batpurge	✓	✓	✓	
Layout by Path	✓	✓	✓	
Line2pl	✓	✓	✓	
Sptpl	✓	✓	✓	
GstarCAD Tools	✓	✓	✓	
Table Tools	✓	✓	✓	
Plot tools	✓	✓	✓	
Drawing Compare	✓	✓	✓	DRAWCOMPARE
Delete Duplicate Objects (OVERKILL)	✓	✓	✓	✓
Others	Plus	Pro	Std	Premium
Hardware Acceleration	✓	✓	✓	
Break at Point	✓	✓	✓	
LISP Debugger	✓	✓	✓	
CLIPIT Command	✓	✓	✓	
Quick Edit Block Attribute Text	✓	✓	✓	✓
System Variable Monitor	✓	✓	✓	
Region	✓	✓		✓
Dataextraction	✓	✓	✓	✓
Datalink	✓	✓	✓	✓
Make Shape	✓	✓	✓	
Import Layout as Sheet	✓	✓	✓	✓
Viewport Scale	✓	✓	✓	
VPMAX/VPMIN	✓	✓	✓	
Attribute Increment	✓	✓	✓	
Define Layout Viewport from ModelSpace (M2LVPORT)	✓	✓	✓	
Security	✓	✓	✓	
Free Scale	✓	✓	✓	
Hatch to Back	✓	✓	✓	
Reverse	✓	✓	✓	
Synchronize Attributes	✓	✓	✓	UPDATEBLOCKATTRIBUTES

	Plus	Pro	Std	Premium
Clip Command	✓	✓	✓	
Array Options Panel	✓	✓	✓	
Align Tool / Arrange Tool	✓	✓	✓	
Areasum	✓	✓	✓	
Table	✓	✓	✓	✓
Formulas in Table	✓	✓	✓	✓
Symmetric Draw	✓	✓	✓	
Outline Objects	✓	✓	✓	
Invert Fillet	✓	✓	✓	
Draw and Modify Commands	✓	✓	✓	Partially
Offset Multiple	✓	✓	✓	✓
Helix	✓	✓	✓	✓
Real Time Pan & Zoom	✓	✓	✓	✓
Annotative Objects	✓	✓	✓	EDITANNOTATION
Object Scales	✓	✓	✓	ANNENTITYSCALE
Redraw and Regeneration	✓	✓	✓	REFRESH, REBUILD
Layout and Paper Space	✓	✓	✓	✓
Layout Viewport settings	✓	✓	✓	
Magnifier	✓	✓		
Barcode & QR Code	✓	✓	✓	
Non-rectangular Viewports	✓	✓	✓	✓
Shortcut Customization	✓	✓	✓	
Match Properties Across Drawings	✓	✓	✓	
Multilines and Multiline Styles	✓	✓	✓	RICHLINE
Block Create and Insert	✓	✓	✓	✓
Block Attribute Definition	✓	✓	✓	✓
Redefine Block	✓	✓	✓	
Refedit	✓	✓	✓	EDITCOMPONENT
Hyperlink	✓	✓	✓	✓
Scale List	✓	✓	✓	✓
Dynamic Block Create/ Insert/View/Edit	✓	✓	Partially	✓
MEASUREGEOM (Sum area and Total Length)	✓	✓	✓	
AutoXLSTable	✓	✓	✓	
Pline Boolean	✓	✓	✓	
3D	**Plus**	**Pro**	**Std**	**Premium**
3D ContentCentral				✓
POLYSOLID	✓	✓		✓
PLANESURF	✓	✓		✓
SURFOFFSET	✓	✓		
CONVTOMESH	✓	✓		
CONVTOSOLID	✓	✓		
CONVTOSURFACE	✓	✓		
CONVTONURBS	✓	✓		
Point Cloud	✓	✓	✓	
3D Edition Grips	✓	✓		✓
Section Plane	✓	✓		
Flatshot	✓	✓		
3D Surfaces	✓	✓	✓	✓
ACIS Modeling & Editing	✓	✓		3D command
3D Orbit options	✓	✓	✓	ROLLVIEW
Render	✓	✓		ARENDER

	Plus	Pro	Std	Premium
Visual Styles Manager	✓	✓		
Solid Editing	✓	✓		✓
Solprof / Solview / Soldraw	✓	✓		
Printing	**Plus**	**Pro**	**Std**	**Premium**
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	✓	✓	✓	BATCHPRINT
Arrange frame	✓	✓	✓	
Licensing	**Plus**	**Pro**	**Std**	**Premium**
Stand-alone USB dongle	✓	✓	✓	
Network USB dongle	✓	✓	✓	
Stand-alone License (Flexnet) Perpetual	✓	✓	✓	
Network License (Flexnet) Perpetual	✓	✓	✓	
Online Register	✓	✓	✓	✓
Subscription	✓	✓	✓	✓
Technical Support	✓	✓	✓	

REMARKS

This table is for reference only.

Empty space means functionally not supported.

The package that contains LT version does not support BEDIT.

Table comparison updated on June 21st 2024.