

	GstarCAD 2022		BricsCAD 2021	
Files	Pro	Std	Pro	LT
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	✓	✓	View only	View only
DWG Convert	✓	✓		
Import to WMF, SAT, 3DS	✓	✓	Partially	Partially
Export to DWG, DWF, DWFX, WMF, SAT, STL, EPS, DXX,	✓	✓	Partially	Partially
Plot and Publish to PDF	✓	✓	✓	✓
Publish to DWF 2D & 3D	✓	✓		
Export to SVG			✓	✓
DAE import/export (XML 3D data)			✓	✓
Collaboration	✓	✓	Bricsys24/7	Bricsys24/7
IFC format	✓	✓	BricsCAD BIM	BricsCAD BIM
ACAD Tool Palettes Import Tool	✓	✓		
Single-document Mode	✓	✓		
Interface	Pro	Std	Pro	
Quick Properties	✓	✓		
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	✓	✓	Partially	Partially
Library	TOOLPALETTES	TOOLPALETTES	BricsCAD Mech	BricsCAD Mech
Xref Palette	✓	✓	Partially	Partially
Command Line and auto complete	✓	✓	✓	✓
WorkSpace command	✓	✓	✓	✓
Clean Screen	✓	✓	✓	✓
New Dynamic Input	✓	✓		
File Tab	✓	✓	✓	✓

Extended Quad cursor 2D/3D			✓	✓
Get Started Page			✓	✓
<b>Selection, Snap &amp; Track</b>	<b>Pro</b>	<b>Std</b>	<b>Pro</b>	
<a href="#">Fast Select (FASTSEL command)</a>	✓	✓		
SELECTIONCYCLING	✓	✓	Different Method	Different Method
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	✓	✓		
Group	✓	✓	✓	✓
ADDSELECTED command	✓	✓	✓	✓
Multiple command	✓	✓	✓	✓
<b>Dimensions</b>	<b>Pro</b>	<b>Std</b>	<b>Pro</b>	
<a href="#">DIMCENTER Command</a>	✓	✓	Partially	Partially
<a href="#">Reassociate Dimension</a>	✓	✓	✓	✓
Rapid Distance	✓	✓		
Standard Dimensions	✓	✓	✓	✓
Associative Dimension	✓	✓	✓	✓
Quick Dimension	✓	✓		
Qleader	✓	✓	✓	✓
Dimension Break	✓	✓	✓	✓
Multileaders	✓	✓	✓	✓
Dynamic dimensions			✓	✓
Dimensional constraints			✓	✓
<b>Text</b>	<b>Pro</b>	<b>Std</b>	<b>Pro</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	✓	✓	Partially	Partially
Rtext / Arc text	✓	✓		

Text Incremental Copy	✓	✓		
Text on line	✓	✓		
Statistics Summation	✓	✓		
<b>Layers</b>	<b>Pro</b>	<b>Std</b>	<b>Pro</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	✓	✓	✓	✓
Layer Unlock	✓	✓	✓	✓
Layer Unlock All	✓	✓		
Lock Other Layers	✓	✓		
Layer Freeze/Freeze Other	✓	✓	✓	✓
Freeze Other Layer	✓	✓		
Thaw All Layers	✓	✓	✓	✓
Layer On/Off	✓	✓	✓	✓
Off Other Layer	✓	✓		
Trun All Layers On	✓	✓	✓	✓
Layer Merge	✓	✓		
Layer Delete	✓	✓		
Layer Match	✓	✓		
<b>Hatch</b>	<b>Pro</b>	<b>Std</b>	<b>Pro</b>	
Gradient Hatches	✓	✓	✓	✓
Custom Patterns	✓	✓	Less patterns	Less patterns
Background and Color for Hatch Patterns	✓	✓	less combination	less combination
Trim/Extend of/to Hatch Pattern Entities	✓	✓	✓	✓
Superhatch	✓	✓		
Hatch grip edit	✓	✓	✓	✓
<b>Raster images</b>	<b>Pro</b>	<b>Std</b>	<b>Pro</b>	
Raster Image Support (Clipping, Transparency, ...)	✓	✓	✓	✓
Support Kinds of Image Files (bmp\jpg\png\tga\tif\gif\pcx\...)	Not support ECW	Not support ECW	✓	✓
<b>Express Tools</b>	<b>Pro</b>	<b>Std</b>	<b>Pro</b>	
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	✓	✓	✓	✓
Delete Duplicate Objects (OVERKILL)	✓	✓	✓	✓
Drawing Lock	✓	✓		
<b>Others</b>	<b>Pro</b>	<b>Std</b>	<b>Pro</b>	
Region	✓		✓	
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	✓	✓		
Real time boundary detection			✓	✓
Invert Fillet	✓	✓		
Draw and Modify Commands	✓	✓	✓	✓
Offset Both Option	✓	✓		
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	✓	✓	Bricscad24\7	Bricscad24\7
Non-rectangular Viewports	✓	✓	✓	✓
Shortcut Customization	✓	✓		
Match Properties Across Drawings	✓	✓		

Multilines and Multiline Styles	✓	✓	✓	✓
Block Create and Insert	✓	✓	✓	✓
Block Attribute Definition	✓	✓	✓	✓
Refedit	✓	✓	✓	✓
Hyperlink	✓	✓	✓	✓
Digitizer Integration	✓	✓	✓	✓
Scale List	✓	✓	✓	✓
Dynamic Block Create/Insert/View	✓	✓	Partially	Partially
MEASUREGEOM (Sum area and Total Length)	✓	✓	Area	Area
Dynamic Block Editor (BEDIT)	✓	Partially		
AutoXLSTable	✓	✓		
Pline Boolean	✓	✓		
Layout export	✓	✓	✓	✓
<b>3D</b>	<b>Pro</b>	<b>Std</b>	<b>Pro</b>	
POLYSOLID	✓		✓	
PLANESURF	✓			
SURFFOFFSET	✓			
CONVTOMESH	✓		✓	
CONVTOSOLID	✓		✓	
CONVTOSURFACE	✓		✓	
CONVTONURBS	✓			
Point Cloud	✓	✓	✓	
3D Edition Grips	✓			
Section Plane	✓		✓	
Flatshot	✓		✓	
3D Surfaces	✓	✓	✓	
ACIS Modeling & Editing	✓		✓	
3D Orbit options	✓	✓	✓	
Render	✓		✓	
Visual Styles Manager	✓		✓	✓
Solid Editing	✓		✓	
Solprof / Solview / Soldraw	✓		Partially	
Polysolids (walls, slabs, ...)			✓	
Geometric constraints			✓	
Geometric 3D constraints creation			✓	
Geometric 3D constraints solving			✓	
Design intent			✓	
Surface entity creation			✓	
Deformable Modeling			✓	
Lofting	✓		✓	
Lighting	✓	✓	✓	
3D geometry-driven constraints			✓	
Parametric Blockify			✓	
<b>Printing</b>	<b>Pro</b>	<b>Std</b>	<b>Pro</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	✓	✓		
Publish to PDF	✓	✓	✓	✓

## REMARKS

Empty space means functionally not supported.

The GstarCAD package that contains LT version does not support BEDIT.

Table comparison updated at Aug 30th 2021.