

	GstarCAD 2021		CorelCAD 2020
Files	Pro	Std	Full Version
32-bit / 64-bit Support	✓	✓	✓
.dwg and .dxf for AutoCAD version 2.5 to 2018	✓	✓	✓
.pat,.shx,.lin and etc	✓	✓	✓
Password Protection	✓	✓	
File Recover and Audit	✓	✓	✓
Purge	✓	✓	✓
Etransmit	✓	✓	PACKANDGO
Sheet Set manager	✓	✓	
CAD Standard .dws	✓	✓	✓
Xrefs in-place Editing	✓	✓	✓
DWF Underlay	✓	✓	
PDF Underlay	✓	✓	✓
DGN Import and Underlay	✓	✓	✓
DWG Convert	✓	✓	
Import to WMF, SAT, 3DS, DWF, DGN	✓	✓	Partially
Export to DWG, DWF, DWFX, WMF, EMF, SAT, STL, EPS, DXF, BMP	✓	✓	Partially
Plot and Publish to PDF	✓	✓	✓
Publish to DWF 2D & 3D	✓	✓	
Collaboration	✓	✓	
IFC format	✓	✓	
ACAD Tool Palettes Import Tool	✓	✓	
Interface	Pro	Std	Full Version
Quick Properties	✓	✓	
Hidden Message Settings	✓	✓	✓
WorkSpace command	✓	✓	
Color Schemes	✓	✓	
CUI Menus and Toolbars	✓	✓	✓
CUI Import & Export	✓	✓	
Drag and Drop Customization	✓	✓	
Visual Menu Customization	✓	✓	
Ribbon / Classic	✓	✓	✓
Properties Palettes	✓	✓	✓
Design Center / Tool Palettes	✓	✓	DESIGNRESOURCES
Xref Palette	✓	✓	✓
Command Line	✓	✓	✓
Clean Screen	✓	✓	✓
New Dynamic Input	✓	✓	
Menu bar	✓	✓	
File Tab	✓	✓	✓
Selection, Snap & Track	Pro	Std	Full Version
SELECTIONCYCLING	✓	✓	
Right-Click + Drag Method	✓	✓	
Selection Preview	✓	✓	
Quick Select	✓	✓	SMARTSELECT
Select Similar	✓	✓	✓
Xtra Grips for Pline & Hatch Objects	✓	✓	✓
Osnap	✓	✓	ENTITYSNAP
Grid and Snap	✓	✓	✓
Polar & OTrack	✓	✓	✓
Distance from Endpoint and Divide Segments option	✓	✓	
Multifunctional Grips	✓	✓	✓

Group	✓	✓	✓
ADDSELECTED command	✓	✓	
Multiple command	✓	✓	REPEAT
Dimensions	Pro	Std	Full Version
Rapid Distance	✓	✓	
Standard Dimensions	✓	✓	✓
Associative Dimension	✓	✓	✓
Quick Dimension	✓	✓	SMARTDIMENSION
Qleader	✓	✓	SMARTLEADER
Dimension Break	✓	✓	SPLITDIMENSION
Multileaders	✓	✓	✓
Text	Pro	Std	Full Version
Mtext supports Numbering, Superscript, Subscrip.....	✓	✓	
Text Align / Text Match	✓	✓	
Change Text	✓	✓	
Mtext	✓	✓	✓
Text	✓	✓	✓
Multi-language Character Set	✓	✓	✓
In-place Text Editor	✓	✓	✓
Mtext Editor	✓	✓	✓
Support .shx and .ttf font	✓	✓	✓
Spelling	✓	✓	SPELLCHECK
Check spelling in Mtext	✓	✓	✓
Fields	✓	✓	
Revcloud	✓	✓	✓
Wipeout circle option	✓	✓	
Rtext / Arc Text	✓	✓	
Text Incremental Copy	✓	✓	
Text on line	✓	✓	
Statistics Summation	✓	✓	
Layers	Pro	Std	Full Version
Auto Layer	✓	✓	
Change to ByLayer (SETBYLAYER)	✓	✓	✓
Layer Properties Manager	✓	✓	✓
Layer States Manager	✓	✓	✓
Layer Translator	✓	✓	
Layer Walk	✓	✓	
Layer Previous	✓	✓	UNDOLAYER
Layer Isolate	✓	✓	ISOLATELAYER
Layer Unisolate	✓	✓	UNISOLATELAYER
Layer Lock	✓	✓	LOCKLAYER
Layer Unlock	✓	✓	Layer Unlock
Lock Other Layers	✓	✓	
Layer Freeze	✓	✓	FREEZELAYER
Freeze Other Layer	✓	✓	
Thaw All Layers	✓	✓	THAWLAYERS
Layer Off	✓	✓	HIDELAYER
Off Other Layer	✓	✓	
Trun All Layers On	✓	✓	SHOWLAYERS
Layer Merge	✓	✓	MERGELAYER
Layer Delete	✓	✓	DELETELAYER
Layer Match	✓	✓	MATCHLAYER
Hatch	Pro	Std	Full Version
Hatch objects from Tool Palettes	✓	✓	Not support toolpalettes
Gradient Hatches	✓	✓	✓

Gradient Hatches Color books			
Custom Patterns	✓	✓	Partially
Background and Color for Hatch Patterns	✓	✓	✓
Trim/Extend of/to Hatch Pattern Entities	✓	✓	✓
Superhatch	✓	✓	
Transparency for Hatch	✓	✓	✓
Trim/Extend/Hatch preview	✓	✓	✓
Raster images	Pro	Std	Full Version
Raster Image Support (Clipping, Transparency, ...)	✓	✓	✓
Support Kinds of Image Files (bmp\jpg\png\tga\tif\gif\pcx\...)	Not support ecw and jpeg 2000	Not support ecw and jpeg 2000	Not support ecw/jpeg 2000/tga/pxc
Express Tools	Pro	Std	Full Version
Area Table	✓	✓	
Break Object	✓	✓	
Block Break	✓	✓	
Graphic Compare	✓	✓	
Change Text	✓	✓	
Batpurge	✓	✓	
Layout by Path	✓	✓	
Line2pl	✓	✓	
Sptpl	✓	✓	
GstarCAD Tools	✓	✓	
Plot tools	✓	✓	
Drawing Compare	✓	✓	
Delete Duplicate Objects (OVERKILL)	✓	✓	DISCARD DUPLICATES
Drawing Lock	✓	✓	
Others	Pro	Std	Full Version
Region	✓		✓
Dataextraction	✓	✓	✓
Make Shape	✓	✓	✓
Import Layout as Sheet	✓	✓	
Viewport Scale	✓	✓	
Attribute Increment (ATTINC)	✓	✓	
Define Layout Viewport from ModelSpace (M2LVPC)	✓	✓	
Security	✓	✓	SECURITY
Free Scale	✓	✓	
Hatch to Back	✓	✓	
Reverse	✓	✓	
Synchronize Attributes (ATTSYNC)	✓	✓	UPDATEBLOCKATTRIBUTES
Clip command	✓	✓	
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	✓	✓	EDITANNOTATION
Object Scales	✓	✓	ANNENTITYSCALE
Redraw and Regeneration	✓	✓	REFRESH and REBUILD
Layout and Paper Space	✓	✓	✓

Layout Viewport settings	✓	✓	Partially
Magnifier	✓		
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	✓	✓	MAKEBLOCKATTRIBUTE
Redefine Block	✓	✓	✓
Refedit	✓	✓	✓
Hyperlink	✓	✓	✓
Digitizer Integration	✓	✓	
Scale List	✓	✓	EDITSCALELIST
Dynamic Block Create/Insert/View	✓	✓	✓
Dynamic Block Editor (BEDIT)	✓	✓ Partially	✓
Table Tools	✓	✓	
AutoXLSTable	✓	✓	
Pline Boolean	✓	✓	
3D	Pro	Std	Full Version
POLYSOLID	✓		
PLANESURF	✓		✓
SURFOFFSET	✓		
CONVTOMESH	✓		
CONVTOSOLID	✓		
CONVTOSURFACE	✓		
CONVTONURBS	✓		
Point Cloud	✓	✓	
3D Edition Grips	✓		✓
Section Plane	✓		
Flatshot	✓		MAKEFLATSNAPSHOT
3D Surfaces	✓	✓	✓
ACIS Modeling & Editing	✓		✓
3D Orbit options	✓	✓	✓
Render	✓		ARENDER
Visual Styles Manager	✓		
Solid editing	✓		✓
Solprof / Solview / Soldraw	✓		
Printing	Pro	Std	Full Version
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	Pro	Std	Full Version
Subscription	✓	✓	
Stand-alone USB dongle	✓	✓	
Network USB dongle	✓	✓	
Stand-alone License(Flexnet)	✓	✓	✓
Network License(Flexnet)	✓	✓	✓

REMARKS:

This table is for reference only.

Empty space means functionally not supported.

Table comparison updated at Sep 28th 2020.

The package that contains LT version will not support bedit, no matter in PRO,STD,LT version.

Conclusion:

CorelCAD is not fully compatible with ACAD.

The command, interface and dialog box in CorelCAD are quite different with ACAD.

Some of the features are intergrated in options dialog box and complex to operate.