

|                                                            | GstarCAD 2023 |     | AutoCAD 2023 |           |
|------------------------------------------------------------|---------------|-----|--------------|-----------|
| Files                                                      | Pro           | Std | Com          | LT        |
| 32-bit / 64-bit Support                                    | ✓             | ✓   | ✓            | ✓         |
| .dwg/.dxf for AutoCAD version 2.5 to 2018                  | ✓             | ✓   | ✓            | ✓         |
| .pat,.shx,.lin and etc                                     | ✓             | ✓   | ✓            | ✓         |
| File Recover and Audit                                     | ✓             | ✓   | ✓            | ✓         |
| Purge                                                      | ✓             | ✓   | ✓            | ✓         |
| Etransmit                                                  | ✓             | ✓   | ✓            | ✓         |
| Sheet Set Manager                                          | ✓             | ✓   | ✓            | ✓         |
| CAD Standard .dws                                          | ✓             | ✓   | ✓            |           |
| DWF Underlay                                               | ✓             | ✓   | ✓            | ✓         |
| PDF Underlay                                               | ✓             | ✓   | ✓            | ✓         |
| DGN Import and Underlay                                    | ✓             | ✓   | ✓            | ✓         |
| 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                                              | ✓             | ✓   | Different    | Different |
| IFC format                                                 | ✓             | ✓   |              |           |
| Single-document Mode                                       | ✓             | ✓   | ✓            | ✓         |
| Digital Signature                                          | ✓             | ✓   | ✓            | ✓         |
| Reset Settings to Default.                                 | ✓             | ✓   | ✓            | ✓         |
| DWF Import                                                 | ✓             | ✓   |              |           |
| Mark Up                                                    |               |     | ✓            | ✓         |
| Interface                                                  | Pro           | Std | Com          | LT        |
| Quick Properties                                           | ✓             | ✓   | ✓            | ✓         |
| Block Palette                                              |               |     | ✓            | ✓         |
| Dark Theme                                                 | ✓             | ✓   | ✓            | ✓         |
| Hidden Message Settings                                    | ✓             | ✓   | ✓            | ✓         |
| WorkSpace command                                          | ✓             | ✓   | ✓            | ✓         |
| CUI Menus and Toolbars                                     | ✓             | ✓   | ✓            |           |
| CUI Import & Export                                        | ✓             | ✓   | ✓            | ✓         |
| Drag and Drop Customization                                | ✓             | ✓   |              |           |
| Visual Menu Customization                                  | ✓             | ✓   | ✓            | ✓         |
| Ribbon/Classic                                             | ✓             | ✓   | ✓            | ✓         |
| Properties Palettes                                        | ✓             | ✓   | ✓            | ✓         |
| Design Center/Tool Palette/Xref Palette                    | ✓             | ✓   | ✓            | ✓         |
| Command Line                                               | ✓             | ✓   | ✓            | ✓         |
| Clean Screen                                               | ✓             | ✓   | ✓            | ✓         |
| Dynamic Input and Auto Complete                            | ✓             | ✓   | ✓            | ✓         |
| Clickable Command Line Options                             |               |     | ✓            | ✓         |
| File Tab                                                   | ✓             | ✓   | ✓            | ✓         |
| Selection, Snap & Track                                    | Pro           | Std | Com          | LT        |
| Navigation Cube                                            | ✓             | ✓   | ✓            | ✓         |
| SELECTIONCYCLING                                           | ✓             | ✓   | ✓            | ✓         |
| Right-Click + Drag Method                                  | ✓             | ✓   | ✓            | ✓         |
| Selection Preview                                          | ✓             | ✓   | ✓            | ✓         |
| Selection Effect Customization                             |               |     | ✓            | ✓         |
| Quick Select                                               | ✓             | ✓   | ✓            | ✓         |
| Select Similar                                             | ✓             | ✓   | ✓            | ✓         |
| Multifunctional Grips                                      | ✓             | ✓   | ✓            | ✓         |
| Osnap                                                      | ✓             | ✓   | ✓            | ✓         |
| Grid and Snap                                              | ✓             | ✓   | ✓            | ✓         |

|                                            |                |                |            |            |
|--------------------------------------------|----------------|----------------|------------|------------|
| Polar & OTrack                             | ✓              | ✓              | ✓          | ✓          |
| Distance from Endpoint and Divide Segments | ✓              | ✓              |            |            |
| Group                                      | ✓              | ✓              | ✓          | ✓          |
| ADDSELECTED command                        | ✓              | ✓              | ✓          | ✓          |
| Multiple command                           | ✓              | ✓              | ✓          | ✓          |
| <b>Dimensions</b>                          | <b>Pro</b>     | <b>Std</b>     | <b>Com</b> | <b>LT</b>  |
| DIMCENTER Command                          | ✓              | ✓              | Partially  | Partially  |
| Reassociate Dimension                      | ✓              | ✓              | ✓          | ✓          |
| DIMTOFFSET                                 | ✓              | ✓              |            |            |
| Quick Measure                              | Rapid Distance | Rapid Distance | ✓          | ✓          |
| Standard Dimensions                        | ✓              | ✓              | ✓          | ✓          |
| Associative Dimension                      | ✓              | ✓              | ✓          | ✓          |
| Quick Dimension                            | ✓              | ✓              | ✓          | ✓          |
| Qleader                                    | ✓              | ✓              | ✓          | ✓          |
| Dimension Break                            | ✓              | ✓              | ✓          | ✓          |
| Multileaders                               | ✓              | ✓              | ✓          | ✓          |
| Smart Dimensioning                         |                |                | ✓          | ✓          |
| <b>Text</b>                                | <b>Pro</b>     | <b>Std</b>     | <b>Com</b> | <b>LT</b>  |
| Text Align / Text Match                    | ✓              | ✓              | Text Align | Text Align |
| Change Text                                | ✓              | ✓              |            |            |
| Mtext                                      | ✓              | ✓              | ✓          | ✓          |
| Mtext Superscript and Subscripts           | ✓              | ✓              | ✓          | ✓          |
| Text                                       | ✓              | ✓              | ✓          | ✓          |
| Multi-language Character Set               | ✓              | ✓              | ✓          | ✓          |
| In-place Text Editor                       | ✓              | ✓              | ✓          | ✓          |
| Mtext Editor                               | ✓              | ✓              | ✓          | ✓          |
| Support .shx and .ttf font                 | ✓              | ✓              | ✓          | ✓          |
| Spelling                                   | ✓              | ✓              | ✓          | ✓          |
| Check spelling in Mtext                    | ✓              | ✓              | ✓          | ✓          |
| Field                                      | ✓              | ✓              | ✓          | ✓          |
| Revcld                                     | ✓              | ✓              | ✓          | ✓          |
| Wipeout Circle and Arc Options             | ✓              | ✓              |            |            |
| Text Incremental Copy                      | ✓              | ✓              |            |            |
| Automatic Text Numbering                   | ✓              | ✓              | ✓          | ✓          |
| Text on line                               | ✓              | ✓              |            |            |
| Statistics Summation                       | ✓              | ✓              |            |            |
| <b>Layers</b>                              | <b>Pro</b>     | <b>Std</b>     | <b>Com</b> | <b>LT</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 Layer                         | ✓              | ✓              |            |            |
| Thaw All Layers                            | ✓              | ✓              | ✓          | ✓          |
| Layer Off                                  | ✓              | ✓              | ✓          | ✓          |
| Off Other Layer                            | ✓              | ✓              |            |            |

|                                                                   |                 |                 |               |               |
|-------------------------------------------------------------------|-----------------|-----------------|---------------|---------------|
| Trun All Layers On                                                | ✓               | ✓               | ✓             | ✓             |
| Layer Merge                                                       | ✓               | ✓               | ✓             | ✓             |
| Layer Delete                                                      | ✓               | ✓               | ✓             | ✓             |
| Layer Match                                                       | ✓               | ✓               | ✓             | ✓             |
| Viewport Layer                                                    | ✓               | ✓               | ✓             | ✓             |
| <b>Hatch</b>                                                      | <b>Pro</b>      | <b>Std</b>      | <b>Com</b>    | <b>LT</b>     |
| Hatch objects from Tool Palettes                                  | ✓               | ✓               | ✓             | ✓             |
| Gradient Hatches                                                  | ✓               | ✓               | ✓             | ✓             |
| Custom Patterns                                                   | ✓               | ✓               | ✓             | ✓             |
| Background and Color for Hatch Patterns                           | ✓               | ✓               | ✓             | ✓             |
| Trim/Extend of/to Hatch Pattern Entities                          | ✓               | ✓               | ✓             | ✓             |
| Superhatch                                                        | ✓               | ✓               | ✓             |               |
| Transparency for Hatch                                            | ✓               | ✓               | ✓             | ✓             |
| Trim/Extend/Hatch preview                                         | ✓               | ✓               | ✓             | ✓             |
| <b>Raster images</b>                                              | <b>Pro</b>      | <b>Std</b>      | <b>Com</b>    | <b>LT</b>     |
| Raster Image Support (Clipping, Transparency, ...)                | ✓               | ✓               | ✓             | ✓             |
| Support Kinds of Image Files<br>(bmp\jpg\png\tga\tif\gif\pcx\...) | Not support ECW | Not support ECW | ✓             | ✓             |
| <b>Express Tools</b>                                              | <b>Pro</b>      | <b>Std</b>      | <b>Com</b>    | <b>LT</b>     |
| Lockup Command                                                    | ✓               | ✓               |               |               |
| Layout Merge                                                      | ✓               | ✓               | ✓             | ✓             |
| Synchronize Viewports                                             | ✓               | ✓               | ✓             | ✓             |
| Breakpoint Check (CLOSELINE)                                      | ✓               | ✓               |               |               |
| Fast Select (FASTSEL)                                             | ✓               | ✓               | ✓             | ✓             |
| Change Base                                                       | ✓               | ✓               |               |               |
| Layer Draw Order                                                  | ✓               | ✓               |               |               |
| Stat, Blocks Number                                               | ✓               | ✓               | Count Command | Count Command |
| Area Table                                                        | ✓               | ✓               |               |               |
| Break Object                                                      | ✓               | ✓               |               |               |
| Block Break                                                       | ✓               | ✓               |               |               |
| Graphic Compare                                                   | ✓               | ✓               |               |               |
| Batpurge                                                          | ✓               | ✓               |               |               |
| Layout by Path                                                    | ✓               | ✓               | Array path    | Array path    |
| Line2pl                                                           | ✓               | ✓               |               |               |
| Sptpl                                                             | ✓               | ✓               |               |               |
| GstarCAD Tools                                                    | ✓               | ✓               |               |               |
| Plot tools                                                        | ✓               | ✓               |               |               |
| Drawing Compare                                                   | ✓               | ✓               | DWG COMPARE   | DWG COMPARE   |
| Delete Duplicate Objects (OVERKILL)                               | ✓               | ✓               | ✓             | ✓             |
| <b>Others</b>                                                     | <b>Pro</b>      | <b>Std</b>      | <b>Com</b>    | <b>LT</b>     |
| Region                                                            | ✓               |                 | ✓             | ✓             |
| Make Shape                                                        | ✓               | ✓               | ✓             | ✓             |
| Import Layout as Sheet                                            | ✓               | ✓               | ✓             | ✓             |
| Viewport Scale                                                    | ✓               | ✓               | ✓             | ✓             |
| Attribute Increment                                               | ✓               | ✓               |               |               |
| Define Layout Viewport from ModelSpace (M2LVP)                    | ✓               | ✓               |               |               |
| Security                                                          | ✓               | ✓               | ✓             |               |
| Free Scale                                                        | ✓               | ✓               |               |               |
| Hatch to Back                                                     | ✓               | ✓               | ✓             | ✓             |
| Reverse                                                           | ✓               | ✓               | ✓             | ✓             |
| Synchronize Attributes                                            | ✓               | ✓               | ✓             | ✓             |
| Clip                                                              | ✓               | ✓               | ✓             | ✓             |
| Array Options                                                     | ✓               | ✓               | ✓             | ✓             |
| Align Tool / Arrange Tool                                         | ✓               | ✓               |               |               |
| Areasum                                                           | ✓               | ✓               |               |               |

|                                       |            |            |            |           |
|---------------------------------------|------------|------------|------------|-----------|
| Table                                 | ✓          | ✓          | ✓          | ✓         |
| Symmetric Draw                        | ✓          | ✓          |            |           |
| Outline Objects                       | ✓          | ✓          |            |           |
| Smart centerlines/center marks        |            |            | ✓          | ✓         |
| Invert Fillet                         | ✓          | ✓          |            |           |
| Draw and Modify Commands              | ✓          | ✓          | ✓          | ✓         |
| Offset Multiple                       | ✓          | ✓          | ✓          | ✓         |
| Helix                                 | ✓          | ✓          | ✓          | ✓         |
| Real Time Pan & Zoom                  | ✓          | ✓          | ✓          | ✓         |
| SteeringWheels                        |            |            | ✓          | ✓         |
| Redraw and Regeneration               | ✓          | ✓          | ✓          | ✓         |
| Layout and Paper Space                | ✓          | ✓          | ✓          | ✓         |
| Layout Viewport settings              | ✓          | ✓          | ✓          | ✓         |
| Magnifier                             | ✓          |            |            |           |
| Barcode & QR Code                     | ✓          | ✓          |            |           |
| Non-rectangular Viewports             | ✓          | ✓          | ✓          | ✓         |
| Shortcut Customization (CUSTACC)      | ✓          | ✓          |            |           |
| Match Properties Across Drawings      | ✓          | ✓          | ✓          | ✓         |
| Multilines and Multiline Styles       | ✓          | ✓          | ✓          |           |
| Block Create and Insert               | ✓          | ✓          | ✓          | ✓         |
| Redefine Block                        | ✓          | ✓          | ✓          | ✓         |
| Block Attribute Definition            | ✓          | ✓          | ✓          | ✓         |
| Refedit                               | ✓          | ✓          | ✓          | ✓         |
| Hyperlink                             | ✓          | ✓          | ✓          | ✓         |
| Scale List                            | ✓          | ✓          | ✓          | ✓         |
| Dynamic Block Creat/ Insert/View/Edit | ✓          | Partially  | ✓          | ✓         |
| Table Tools                           | ✓          | ✓          |            |           |
| AutoXLSTable                          | ✓          | ✓          |            |           |
| Pline Boolean                         | ✓          | ✓          |            |           |
| Xref path repair                      |            |            | ✓          | ✓         |
| Undo/Redo Preview                     | ✓          | ✓          | ✓          | ✓         |
| <b>3D</b>                             | <b>Pro</b> | <b>Std</b> | <b>Com</b> | <b>LT</b> |
| POLYSOLID                             | ✓          |            | ✓          |           |
| PLANESURF                             | ✓          |            | ✓          |           |
| SURFFOFFSET                           | ✓          |            | ✓          |           |
| CONVTOMESH                            | ✓          |            | ✓          |           |
| CONVTOSOLID                           | ✓          |            | ✓          |           |
| CONVTOSURFACE                         | ✓          |            | ✓          |           |
| CONVTONURBS                           | ✓          |            | ✓          |           |
| Point Cloud                           | ✓          | ✓          | ✓          |           |
| 3D Edition Grips                      | ✓          |            | ✓          |           |
| Section Plane                         | ✓          |            | ✓          |           |
| Flatshot                              | ✓          |            | ✓          |           |
| 3D Surfaces                           | ✓          | ✓          | ✓          |           |
| ACIS Modeling & Editing               | ✓          |            | ✓          |           |
| 3D Orbit options                      | ✓          | ✓          | ✓          |           |
| Camera                                |            |            | ✓          |           |
| Render                                | ✓          |            | ✓          |           |
| Visual Styles Manager                 | ✓          |            | ✓          |           |
| Solid editing                         | ✓          |            | ✓          |           |
| Solprof / Solview / Soldraw           | ✓          |            | ✓          |           |
| <b>Printing</b>                       | <b>Pro</b> | <b>Std</b> | <b>Com</b> | <b>LT</b> |
| CTB & STB Plot Style Files            | ✓          | ✓          | ✓          | ✓         |
| Plot Styles Table Editor              | ✓          | ✓          | ✓          | ✓         |
| Built-in Print Driver                 | ✓          | ✓          | ✓          | ✓         |
| Import & Editing of Page Setups       | ✓          | ✓          | ✓          | ✓         |

|                                     |            |            |            |           |
|-------------------------------------|------------|------------|------------|-----------|
| Publish                             | ✓          | ✓          | ✓          | ✓         |
| Viewport Max                        |            |            | ✓          | ✓         |
| 3D Print Studio                     |            |            | ✓          |           |
| Hide and Shade Plot                 | ✓          | ✓          | ✓          | ✓         |
| Batch Print                         | ✓          | ✓          |            |           |
| Arrange frame                       | ✓          | ✓          |            |           |
| <b>Programming</b>                  | <b>Pro</b> | <b>Std</b> | <b>Com</b> | <b>LT</b> |
| LISP Debugger                       | ✓          | ✓          | ✓          | ✓         |
| Entity Data Editor                  | ✓          | ✓          | ✓          |           |
| Action Recording and Action Macros  |            |            | ✓          |           |
| LISP vl-, vlr-, vla- and vlax       | ✓          | ✓          | ✓          |           |
| LISP Encryption                     | ✓          | ✓          | ✓          |           |
| (SDS/ADS)                           | ✓          | ✓          | ✓          |           |
| DCL / DCL engine / COM API          | ✓          | ✓          | ✓          |           |
| Visual Basic for Applications       | ✓          | ✓          | ✓          |           |
| VBA VBI Projects Support            | ✓          | ✓          | DVB        |           |
| .Net Framework                      | ✓          | ✓          | ✓          |           |
| GRX (GstarCAD Runtime eXtension)    | ✓          | ✓          | ARX        |           |
| CUI Menu Support/Diesel Expressions | ✓          | ✓          | ✓          | ✓         |
| Diesel Expressions                  | ✓          | ✓          | ✓          | ✓         |
| MNU and MNS File Support            | ✓          | ✓          | ✓          | ✓         |
| API (Toolbar & Menu Customization)  | ✓          | ✓          | ✓          |           |
| <b>Licensing</b>                    | <b>Pro</b> | <b>Std</b> | <b>Com</b> | <b>LT</b> |
| Subscription                        | ✓          | ✓          | ✓          | ✓         |
| Peperual License                    | ✓          | ✓          |            |           |
| Stand-alone USB dongle              | ✓          | ✓          |            |           |
| Network USB dongle                  | ✓          | ✓          |            |           |
| Stand-alone License                 | ✓          | ✓          | ✓          | ✓         |
| Network License                     | ✓          | ✓          |            |           |

## 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 at Sep 1st 2022