GstarCAD 2026 vs AutoCAD 2026

GstarCAD 2026

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GstarCAD 2026 VS AutoCAD 2026

GstarCAD 2026 introduces a completely reconstructed interface, offering a sleek, modern look that enhances the user experience. Performance improvements boost efficiency across various tasks. Exciting new features include Dimensional Constraints, Parameters Manager, DWG Compare and more, unlocking powerful design capabilities. Innovative feature like Drawing Merge streamlines workflows, and Engineering Projection delivers precise bottom-view accuracy. Additionally, updates to DIMCORD, Batch Plot, Batch Purge, PDF Import and Data Extraction further enhance usability.

1. Product Comprehensive Comparison

GstarCAD is well-known alternative CAD software of high compatibility with ACAD. With over 20 years of continuous improvement and lean innovation, today GstarCAD is far ahead in performance, stability and other key indicators and becomes leading CAD software in the world.

The significant advantages of GstarCAD 2026 are as follows:

- **Price and Authorization:** GstarCAD 2026 is significantly more cost-effective than AutoCAD 2026, offering better licensing flexibility.
- **Performance of Common Operations:** In a comparison of common operations, the speed of 11 operations in GstarCAD 2026 outperforms that of AutoCAD 2026. Notably, the speed of 8 operations is over 300% better, while 2 operations exceed a 1000% improvement compared to AutoCAD 2026.
- **Linux System Support:** GstarCAD 2026 provides a version for Linux, whereas AutoCAD 2026 does not.
- **Secondary Development Interface:** GstarCAD 2026 provides a Python secondary development interface, enhancing the possibilities for software ecosystem development.
- **SVG Import and Export, DWF Import Function Advantages**: GstarCAD 2026 supports the import and export of SVG format files and the import of DWF files, which are not available in AutoCAD 2026.

2. Functional comparison

2.1. Key Features Comparison

Modules	Function	Description	GstarCAD 2026	Remark
2D drafting/Graphics/Annotations	Array	Create and modify objects in circular or rectangular arrays or along a path.	√	
	Center Marks and Center Lines	Create and edit centerlines and center marks that move automatically when you move associated objects.	×	Under developing, expected to be available in GstarCAD 2026 SP version or GstarCAD 2027 version.

	Data Extraction	Extract information, blocks and attributes from objects, including graphical information.	√	
	Data Links	Enables simultaneous updates by creating a live link between a Microsoft Excel spreadsheet and a table in a drawing.	√	
	Dimensions	Automatically create dimensions. Hover your cursor over a selected object to see a preview before creating it.	√	
	Dynamic Blocks	Add flexibility and intelligence to block references, including changing shape, size, or configuration.	√	
	Fields	Use a field in a text object to display text that automatically updates when the field value changes.	√	
	Layout	Specify drawing size, add title blocks, and display multiple views of the model.	√	
	Leader	Create leaders with a variety of resources, including text or blocks. Easily format leaders and define styles.	√	
	Parametric constraints	Apply geometric and dimensional constraints to maintain relationships between geometries.	√	GstarCAD 2026 new: supports geometric and dimensional constraints
	Purge	Remove multiple unwanted objects at once with simple selection and object preview.	√	
	Revision Cloud	Draw revision clouds for the latest changes in a drawing to quickly identify updates.	√	REVCLOUDPROPERTIES Command unsupported. Does not affect usage
	Table	Apply formulas, link to Microsoft Excel spreadsheets, and create tables containing data and symbols. Automatically import data into tables using features such as counting.	√	
	Text Settings	Create single-line or multiline text (mtext) as a single text object. Easily format text, columns, and borders.	√	

	View	Save views by name and easily return to a specific view for quick reference or to apply to a layout viewport.	√	CAMERA NEWVIEW VIEWBACK VIEWFORWARD Command unsupported. Does not affect usage
3D Modeling and Visualization	3D Navigation	Use 3D viewing and navigation tools to orbit, swivel, walk, and fly around 3D models to present your designs.	×	3DCLIP 3D DISTANCE 3DFLY 3DPAN 3DSWIVEL 3DWALK 3DZOOM ANIPATH WALKFLYSETTINGS Commands unsupported. Support NAVI (View) cube
	Model Documentation	Generate 2D drawings from 3D models, including basic views, projection views, section views, and detail views.	×	
	Point Cloud	Attach point cloud files acquired by 3D laser scanners or other technologies to use as a starting point for your design.	√	PCEXTRACTCENTERLINE PCEXTRACTCORNER PCEXTRACTEDGE PCEXTRACTSECTION POINTCLOUDCOLORMAP POINTCLOUDCROP POINTCLOUDUNCROP POINTCLOUDCROPSTATE Command does not support But supports point cloud
	Render	Apply lighting and materials to give 3D models a realistic appearance to help communicate your designs.	×	This function is available, but not as good as AutoCAD.

	Remote service render	Render 3D models online without consuming processing power or disk space on your local computer.	×	
	Section plane	Create section planes using solids, surfaces, meshes, or regions to display cross-sectional views.	√	
	Solid, surface and mesh modeling	Create realistic 3D models of your designs using a combination of solid, surface, and mesh modeling tools.	√	
	Visual Styles	Apply visual styles to control the display of edges, lighting, and shading of 3D models.	√	
Collaboration	DGN Files	Share and reuse data in DGN files by importing, exporting, or attaching as an underlay.	×	DGNEXPORT Support import but not export
	DWG Comparison	Compare two versions of a drawing without leaving the current window.	√	
	Geographic location and online maps	Insert geographic location information into a drawing and display a map in the drawing from an online mapping service.	×	
	Referencing and importing models	Attach Navisworks model to your drawing as underlay, and import model from other applications.	√	
	PDF Document	Share and reuse data in PDF files by importing, exporting, or attaching as an underlay.	√	
	Sheet Set Manager	View, access, manage, and plot multiple drawings as drawing sets.	√	
	Save to Web and Mobile Devices	Save drawings from your desktop to view and edit in the web and mobile apps, including external references.	√	
	Shared View	Publish design views of your drawings in a web browser so stakeholders can review and comment on them.	√	
	Xref Compare	Compare two versions of a drawing, including external references (Xrefs).	√	

2.2. Basic Features Comparison

Among the 221 commonly used commands of AutoCAD 2026, the functions related to 2D drawing are basically 100% covered by GstarCAD. AutoCAD 2026 and GstarCAD 2026 also have their own unique functions that surpass each other, and they are equally matched in the comprehensiveness of drawing functions.

Commonly Used Commands in AutoCAD		GstarCAD 2026	Remark	GstarCAD 2026 Innovative
A				
A	ARC / Creates an arc	√		ALIGNTOOL Quick Align the Objects
ADC	ADCENTER / Manages and inserts objects such as blocks, xrefs, and hatch patterns	√		AREASUM Displays the current closed region value and area sum sequence in command line.
AA	AREA / Calculates the area and perimeter of an object or defined area	√		AREATABLE Dimensions and exports area data
AL	ALIGN / Aligns objects with other objects in 2D and 3D space	√		ARRANGETOOL Distributes the Objects
AP	APPLOAD / Loads application	√		...
AR	ARRAY / Creates multiple copies of an object in an array	√		
ARR	ACTRECORD / Starts the action recorder	×	Action Recorder Related Functions	
ARM	ACTUSERMESSAGE / Inserts a user message into an action macro	×		
ARU	ACTUSERINPUT / Pauses in an action macro to wait for user input	×		
ARS	ACTSTOP / Stops the action recorder and provides the option to save the recorded actions to an action macro file	×		
ATI	ATTIPEDIT / Changes the text content of an attribute in a block	√		
ATT	ATTDEF / Redefines a block and updates associated attributes	√		
ATE	ATTEDIT / Changes attribute information in a block	√		

B				
B	BLOCK / Creates a block definition from selected objects	√		BARCODE Creates barcodes from text
BC	BCLOSE / Close the block editor	√		BATPURGE Cleans up redundant objects in batches
BE	BEDIT / Opens a block definition in the Block Editor	√		...
BH	BHATCH / Fills an enclosed area or selected objects with a hatch pattern, solid fill or gradient fill	√		
BO	BOUNDARY / Creates a region or polyline from a closed area	√		
BR	BREAK / Breaks the selected objects between two points	√		
BS	BSAVE / Saves the current block definition	√		
BVS	BVSTATE / Creates, sets, or deletes the visibility state of a dynamic block.	√		
C				
C	CIRCLE / Creates a circle	√		CAREA Exports the area to Excel
CAM	CAMERA / Sets the camera position and target position to create and save a 3D perspective view of an object.	×	CAMERADISPLAY CAMERAHEIGHT There are related system variables but they are not effective.	COLSS Selects all entity sets with the same color
CBAR	CONSTRAINTBAR / Toolbar-like UI element that displays the available geometric constraints on an object	√		CHLA Transforms the wall line of the specified line
CH	PROPERTIES / Controls the properties of existing objects	√		...
CHA	CHAMFER / Adds a chamfer to an object	√		
CHK	CHECKSTANDARDS / Checks the current drawing for standards violations	×	Check for standards violations	

CLI	COMMANDLINE / Displays the command line window	√		
COL	COLOR / Sets the color of new objects	√		
CO	COPY / Copies an object at a specified distance in a specified direction	√		
CT	CTABLESTYLE / Sets the name of the current table style	√		
CUBE	NAVVCUBE / Controls the visibility and display properties of the ViewCube tool	√		
CYL	CYLINDER / Creates a solid 3D cylinder	√		
D				
D	DIMSTYLE / Create and modify dimension styles	√		DYJT/REGSCALE Selects a region of a drawing to be cut and copied to a new location.
DAN	DIMANGULAR / Creates an angular dimension	√		...
DAR	DIMANGULAR / Creates an arc length dimension	√		
DBA	Creates a linear, angular, or ordinate dimension from the baseline of the previous or selected dimension.	√		
Dbc	DBCONNECT / Provides an interface to external database tables	×	DBCSTATE There are related system variables but they are not effective	
DCE	DIMCENTER / Creates center marks or center lines for circles and arcs	√		
DCO	DIMCONTINUE / Creates a dimension that begins at the extension line of the last dimension created	√		
DCON	DIMCONSTRAINT / Applies dimensional constraints to selected objects or points on objects	√	GstarCAD 2026 New	
DDA	DIMDISASSOCIATE / Removes associativity from selected dimensions	√		
DDI	DIMDIAMETER / Creates a diameter dimension for a circle or arc	√		
DED	DIMEDIT / Edits dimension text and extension lines	√		

DI	DIST / Measures the distance and angle between two points	√		
DIV	DIVIDE / Creates evenly spaced point objects or blocks along the length or perimeter of an object.	√		
DJL	DIMJOGLINE / Adds or removes a jog line on a linear or aligned dimension	√		
DJO	DIMJOGGED / Creates jog dimensions for circles and arcs	√		
DL	DATALINK / Displays the Data Link dialog box	√		
DLU	DATALINKUPDATE / Updates data to or from an established external data link	√		
DO	DONUT / Creates a solid circle or wider ring	√		
DOR	DIMORDINATE / Creates a coordinate dimension	√		
DOV	DIMOVERRIDE / Controls overrides of system variables used in selected dimensions.	√		
DR	DRAWORDER / Changes the draw order of images and other objects	√		
DRA	DIMRADIUS / Creates a radial dimension for a circle or arc	√		
DRE	DIMREASSOCIATE / Associates or reassociates selected dimensions to an object or point on an object	√		
DRM	DRAWINGRECOVERY / Displays a list of drawing files that can be recovered after a program or system failure.	√		
DS	DSETTINGS / Sets grid and snap, polar and object snap tracking, object snap modes, Dynamic Input, and Quick Properties.	√		
DT	TEXT / Creates a single-line text object.	√		
DV	DVIEW / Defines parallel projection or perspective views by using a camera and target.	√		
DX	DATAEXTRACTION / Extracts drawing data and merges data from an external source to a data extraction table or external file.	√		
E				

E	ERASE / Removes objects from a drawing.	√		ENTSS Selects similar objects
ED	DDEDIT / Edits single-line text, dimension text, attribute definitions, and feature control frames.	√		ETT Real-time display of the final positioning of the extension effect
EL	ELLIPSE / Creates an ellipse or an elliptical arc.	√		...
EPDF	EXPORTPDF / Exports drawing to PDF.	√		
ER	EXTERNALREFERENCES / Opens the External References palette.	√		
EX	EXTEND / Extends objects to meet the edges of other objects.	√		
EXIT	QUIT / Exits the program.	√		
EXP	EXPORT / Saves the objects in a drawing to a different file format.	√		
EXT	EXTRUDE / Extends the dimensions of a 2D object or 3D face into 3D space.	√		
F				
F	FILLET / Rounds and fillets the edges of objects.	√		FREESCALE Scales the graphic in different proportions
FI	FILTER / Creates a list of requirements that an object must meet to be included in a selection set.	√		...
FS	FSMODE / Creates a selection set of all objects that touch the selected object.	√		
FSHOT	FLATSHOT / Creates a 2D representation of all 3D objects based on the current view.	√		
G				
G	GROUP / Creates and manages saved sets of objects called groups.	√		GC_BOOLOP 2D Boolean operations
GCON	GEOCONSTRAINT / Applies or persists geometric relationships between objects or points on objects.	√		...
GD	GRADIENT / Fills an enclosed area or selected objects with a gradient fill.	√		

GEO	GEOGRAPHICLOCATION / Specifies the geographic location information for a drawing file.	×	Geographic location information GIS module	ArcGIS for GstarCAD is supported.
H				
H	HATCH / Fills an enclosed area or selected objects with a hatch pattern, solid fill, or gradient fill.	√		HCBGE Draws a table consisting of lines
HE	HATCHEDIT / Modifies an existing hatch or fill.	√		...
HI	HIDE / Regenerates a 3D wireframe model with hidden lines suppressed.	√		
I				
I	INSERT / Inserts a block or drawing into the current drawing.	√		IFCIMPORT Imports IFC files
IAD	IMAGEADJUST / Controls the image display of the brightness, contrast, and fade values of images.	√		IGSEXPORT Exports IGS/IGES files
IAT	IMAGEATTACH / Inserts a reference to an image file.	√		...
ICL	IMAGECLIP / Crops the display of a selected image to a specified boundary.	√		
ID	ID / Displays the UCS coordinate values of a specified location.	√		
IM	IMAGE / Displays the External References palette.	√		
IMP	IMPORT / Imports files of different formats into the current drawing.	√		
IN	INTERSECT / Creates a 3D solid, surface, or 2D region from overlapping solids, surfaces, or regions.	√		
INF	INTERFERE / Creates a temporary 3D solid from the interferences between two sets of selected 3D solids.	√		
IO	INSERTOBJ / Inserts a linked or embedded object.	√		
J				
J	JOIN / Joins similar objects to form a single, unbroken object.	√		
JOG	DIMJOGGED / Creates jogged dimensions for circles and arcs.	√		

L				
L	LINE / Creates straight line segments.	√		LAYDRAWORDER Adjusts the order of graphics by layer
LA	LAYER / Manages layers and layer properties.	√		LAYLCKOTHER Locks other layers
LAS	LAYERSTATE / Saves, restores, and manages named layer states.	√		
LE	QLEADER / Creates a leader and leader annotation.	√		
LEN	LENGTHEN / Changes the length of objects and the included angle of arcs.	√		
LI	LIST / Displays property data for selected objects.	√		
LO	LAYOUT / Creates and modifies drawing layout tabs.	√		
LT	LINETYPE / Loads, sets, and modifies linetypes.	√		
LTS	LTSCALE / Changes the scale factor of linetypes for all objects in a drawing.	√		
LW	LWEIGHT / Sets the current lineweight, lineweight display options, and lineweight units.	√		
M				
M	MOVE / Moves objects a specified distance in a specified direction.	√		MAGNIFIER Zooms in on a local area
MA	MATCHPROP / Applies the properties of a selected object to other objects.	√		M2LVPORT Positions the viewport in layout space
ME	MEASURE / Creates point objects or blocks at measured intervals along the length or perimeter of an object.	√		...
MEA	MEASUREGEOM / Measures the distance, radius, angle, area, and volume of selected objects or sequence of points.	√		
MI	MIRROR / Creates a mirrored copy of selected objects.	√		
ML	MLINE / Creates multiple parallel lines..	√		

MLA	MLEADERALIGN / Aligns and spaces selected multileader objects.	√		
MLC	MLEADERCOLLECT / Organizes selected multileaders that contain blocks into rows or columns, and displays the result with a single leader.	√		
MLD	MLEADER / Creates a multileader object.	√		
MLE	MLEADEREDIT / Adds leader lines to, or removes leader lines from, a multileader object.	√		
MLS	MLEADERSTYLE / Creates and modifies multileader styles.	√		
MO	PROPERTIES / Controls properties of existing objects.	√		
MORE	MESHSMOOTHMORE / Increases the level of smoothness for mesh objects by one level.	×	Mesh Object Smoothness	
MS	MSPACE / Switches from paper space to a model space viewport.	√		
MSM	MARKUP / Opens the Markup Set Manager.	×	Mark input and labeling assistance	
MT	MTEXT / Creates a multiline text object.	√		
MV	MVIEW / Creates and controls layout viewports.	√		
N				
NORTH	GEOGRAPHICLOCATION / Specifies the geographic location information for a drawing file.	×	Geographic location information GIS module	
NSHOT	NEWSHOT / Creates a named view with motion that is played back when viewed with ShowMotion.	×	VIEWCUBE module advanced function	
NVIEW	NEWVIEW / Creates a named view with no motion.	×		
O				
O	OFFSET / Creates concentric circles, parallel lines, and parallel curves.	√		OCMP Compares the selected graphic in a drawing or compare the graphic between two drawings

OFFSETSRF	SURFOFFSET/ Creates a parallel surface a specified distance from the original surface.	√		OUTLINE Generates the outer boundary of the specified graphic
OP	OPTIONS / Customizes the program settings.	√		...
ORBIT / 3DO	3DORBIT / Rotates the view in 3D space, but constrained to horizontal and vertical orbit only.	√		
OS	OSNAP / Sets running object snap modes.	√		
P				
P	PAN / Adds a parameter with grips to a dynamic block definition.	√		PCHC Changes the color of the selected object or layer
PA	PASTESPEC / Pastes objects from the Clipboard into the current drawing and controls the format of the data.	√		PICKMIRRDRAWAXIS Picks the axis of symmetry
PAR	PARAMETERS / Controls the associative parameters used in the drawing.	√	GstarCAD 2026 New	...
PARAM	BPARAMETER / Adds a parameter with grips to a dynamic block definition.	√		
PATCH	SURFPATCH / Creates a new surface by fitting a cap over a surface edge that forms a closed loop.	×	3D surface related	
PCATTACH	POINTCLOUDATTACH / Inserts an indexed point cloud file into the current drawing.	√		
PE	PEDIT / Edits polylines and 3D polygon meshes.	√		
PL	PLINE / Creates a 2D polyline.	√		
PO	POINT / Creates a point object.	√		
POFF	HIDEPALETTES / Hides currently displayed palettes (including the command line).	×	SHOWPALETTESTATE There are related system variables but they are not effective	
POL	POLYGON / Creates an equilateral closed polyline.	√		

PON	SHOWPALETTES / Restores the display of hidden palettes.	×	SHOWPALETTESTATE There are related system variables but they are not effective	
PR	PROPERTIES / Displays Properties palette.	√		
PRE	PREVIEW / Displays the drawing as it will be plotted.	√		
PRINT	PLOT / Plots a drawing to a plotter, printer, or file.	√		
PS	PSPACE / Switches from a model space viewport to paper space.	√		
PSOLID	POLYSOLID / Creates a 3D wall-like polysolid.	√		
PU	PURGE / Removes unused items, such as block definitions and layers, from the drawing.	√		
PYR	PYRAMID / Creates a 3D solid pyramid.	√		
Q				
QC	QUICKCALC / Opens the QuickCalc calculator.	√		QRCODE Generates QR code
QCUI	QUICKCUI / Displays the Customize User Interface Editor in a collapsed state.	√		...
QP	QUICKPROPERTIES / Displays open drawings and layouts in a drawing in preview images.	√		
QSAVE	QSAVE / Saves the current drawing.	√		
QVD	QVDRAWING / Displays open drawings and layouts in a drawing using preview images.	×	QVDRAWINGPIN There are related system variables but they are not effective	
QVDC	QVDRAWINGCLOSE / Closes preview images of open drawings and layouts in a drawing.	×	QVDRAWINGPIN There are related system variables but they are not effective	
QVL	QVLAYOUT / Displays preview images of model space and layouts in a drawing.	×	QVLAYOUTPIN There are related system variables but they are not effective	

QVLC	QVLAYOUTCLOSE / Closes preview images of model space and layouts in the current drawing.	×	QVLAYOUTPIN There are related system variables but they are not effective	
R				
R	REDRAW / Refreshes the display in the current viewport.	√		RTCUR Real-time cursor rotation
RA	REDRAWALL / Refreshes the display in all viewports.	√		REGSCALE Selects the area in the picture to capture as a large sample
RC	RENDERCROP / Renders a specified rectangular area, called a crop window, within a viewport.	×	3D render module	RVTIMPORT Imports Revit Files
RE	REGEN / Regenerates the entire drawing from the current viewport.	√		...
REA	REGENALL / Regenerates the drawing and refreshes all viewports.	√		
REC	RECTANG / Creates a rectangular polyline.	√		
REG	REGION / Converts an object that encloses an area into a region object.	√		
REN	RENAME / Changes the names assigned to items such as layers and dimension styles.	√		
REV	REVOLVE / Creates a 3D solid or surface by sweeping a 2D object around an axis.	√		
RO	ROTATE / Rotates objects around a base point.	√		
RP	RENDERPRESETS / Specifies render presets, reusable render parameters, for render an image.	×	3D render module	
RR	RENDER / Creates a photorealistic or realistically shaded image of a 3D solid or surface model.	√		
R W	RENDERWIN / Displays the Render window without starting a render operation.	×	3D render module	
S				

S	STRETCH / Stretches objects crossed by a selection window or polygon.	√		SASCL Sets the drawing scale and automatically adapt
SC	SCALE / Enlarges or reduces selected objects, keeping the proportions of the object the same after scaling.	√		SETLAYER Makes the object layer the current layer
SCR	SCRIPT / Executes a sequence of commands from a script file.	√		SPLINE2LINE Fitters a spline curve to multiple straight line segments
SEC	SECTION / Uses the intersection of a plane and solids, surfaces, or mesh to create a region.	√		...
SET	SETVAR / Lists or changes the values of system variables.	√		
SHA	SHADEMODE / Starts the VSCURRENT command..	√		
SL	SLICE / Creates new 3D solids and surfaces by slicing, or dividing, existing objects.	√		
SN	SNAP / Restricts cursor movement to specified intervals.	√		
SO	SOLID / Creates solid-filled triangles and quadrilaterals.	√		
SP	SPELL / Checks spelling in a drawing.	√		
SPE	SPLINEDIT / Edits a spline or splinefit polyline.	√		
SPL	SPLINE / Creates a smooth curve that passes through or near specified points.	√		
SPLANE	SECTIONPLANE / Creates a section object that acts as a cutting plane through 3D objects.	√		
SPLAY	SEQUENCEPLAY / Plays named views in one category.	√		
SPLIT	MESHSPLIT / Splits a mesh face into two faces.	×		
SSM	SHEETSET / Opens the Sheet Set Manager	√		
ST	STYLE / Creates, modifies, or specifies text styles.	√		

STA	STANDARDS / Manages the association of standards files with drawings.	×	Standards Check Module	
SU	SUBTRACT / Combines selected 3D solids, surfaces, or 2D regions by subtraction.	√		
T				
T	TEXTALIGN / Aligns multiple text objects vertically, horizontally, or obliquely.	√		TXTHEI Modifies string height
TA	TABLE / Creates an empty table object.	√		...
TB	TEXTEDIT / Edits a dimensional constraint, dimension, or text object.	√		
TED	THICKNESS / Sets the default 3D thickness property when creating 2D geometric objects.	√		
TH	TILEMODE / Controls whether paper space can be accessed.	√		
TI	TOOLBAR / Displays/hides, and customizes toolbars.	√		
TOL	TOLERANCE / Creates geometric tolerances contained in a feature control frame.	√		
TOR	TORUS / Creates a donut-shaped 3D solid.	√		
TP	TOOLPALETTES / Opens the Tool Palettes window.	√		
TR	TRIM / Trims objects to meet the edges of other objects.	√		
TS	TABLESTYLE / Creates, modifies, or specifies table styles.	√		
U				
UC	UCSMAN / Manages defined user coordinate systems.	√		UNLOCK Restores object lock status
UN	UNITS / Controls coordinate and angle display formats and precision.	√		...
UNHIDE / UNISOLATE	UNISOLATEOBJECTS / Displays objects previously hidden with the ISOLATEOBJECTS or HIDEOBJECTS command.	√		
UNI	UNION / Unions two solid or two region objects.	√		
V				

V	VIEW / Saves and restores named views, camera views, layout views, and preset views.	√		
VGO	VIEWGO / Restores a named view.	×	VIEWCUBE module advanced function	
VP	DDVPOINT / Sets the 3D viewing direction.	√		
VPLAY	VIEWPLAY / Plays the animation associated to a named view.	×	VIEWCUBE module advanced function	
VS	VSCURRENT / Sets the visual style in the current viewport.	√		
VSM	VISUALSTYLES / Creates and modifies visual styles and applies a visual style to a viewport.	√		
W				
W	WBLOCK / Writes objects or a block to a new drawing file.	√		WZDD/TXTBREAK Breaks text at specified position
WE	WEDGE / Creates a 3D solid wedge.	√		...
WHEEL	NAVSWHEEL / Displays a wheel that contains a collection of view navigation tools.	×	2D navigation control panel	
X				
X	EXPLODE / Breaks a compound object into its component objects.	√		XEDGES Creates a wireframe by extracting edges from a 3D solid or surface
XA	XATTACH / Inserts a DWG file as an external reference (xref).	√		...
XB	XBIND / Binds one or more definitions of named objects in an xref to the current drawing.	√		
XC	XCLIP / Crops the display of a selected external reference or block reference to a specified boundary.	√		
XL	XLINE / Creates a line of infinite length.	√		
XR	XREF / Starts the EXTERNALREFERENCES command.	√		
Z				

Z	ZOOM / Increases or decreases the magnification of the view in the current viewport.	√		ZC/SUPERAXON Converts a plan view to an axonometric view
ZEBRA	ANALYSISZEBRA / Projects stripes onto a 3D model to analyze surface continuity.	×		...
ZIP	ETRANSMIT / Creates a Self-Extracting or Zipped Transmittal Package.	√		

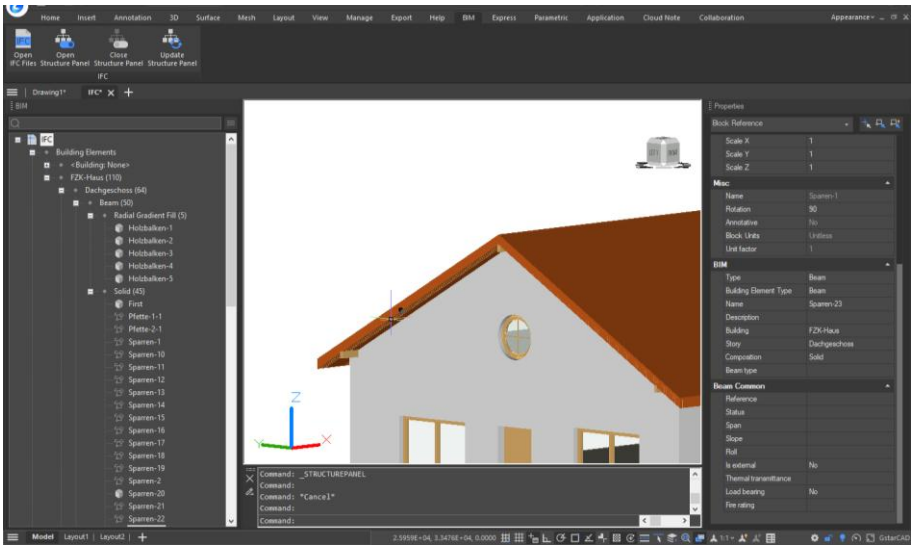
2.3. GstarCAD Special Features

- **IFC standard data conversion**

GstarCAD Supports importing and parsing BIM information models in IFC format through the IFCIMPORT command and forming a tree-structured panel to display a single object.

View the BIM information of the model through the property panel.

The model information is retrieved and managed through the BIM structure panel, and the single model structure is displayed in the form of a tree structure panel.

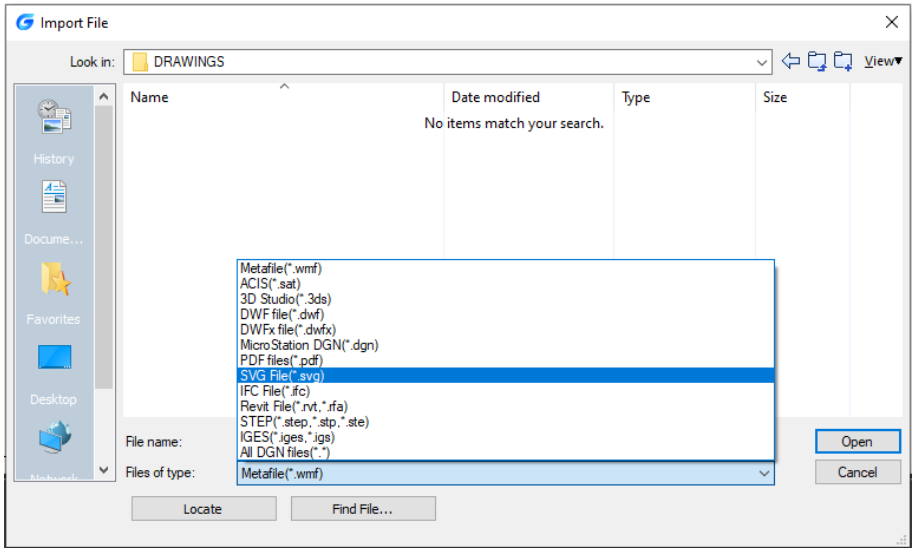


- **SVG Import and Export**

SVG Import:

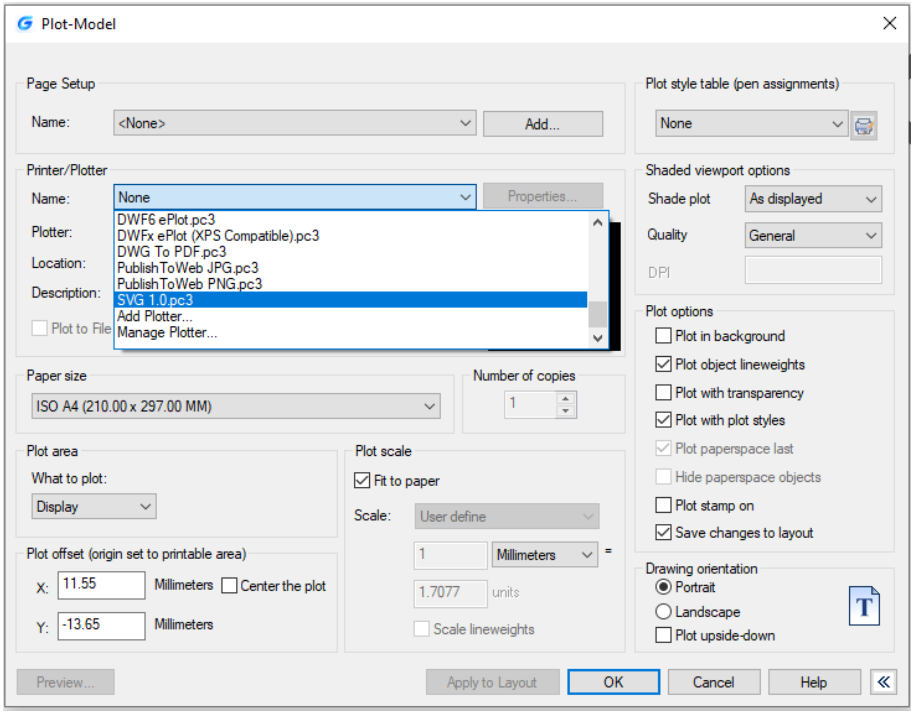
This function supports the import of SVG files. After executing the command, the "Import File" dialog box will be displayed, from which you can select the SVG file to be imported and import its data into the current drawing. The imported SVG graphic is a block

and can be edited in the block editor or edited directly after decomposition. Objects such as straight lines, polylines, polygons, circles, ellipses, texts, and image fills can be correctly imported.



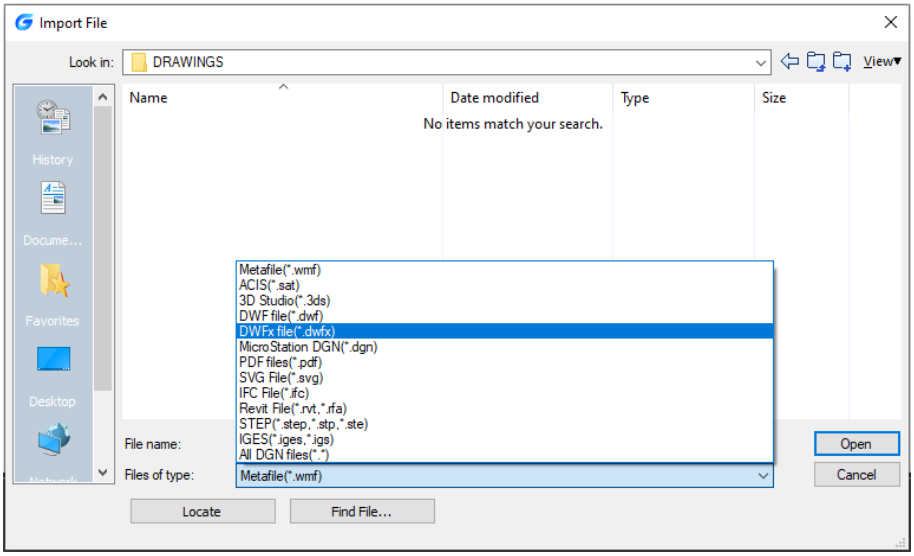
SVG Export:

Execute the PLOT/EXPORT command to export the current graphic file to the specified SVG file format. SVG file is a two-dimensional vector graphic format that takes up little space, is highly compressible, and can be printed with high quality at any resolution. Most objects in the graphic can be exported to SVG files, except for images and gradient hatch. The exported SVG file can be accurately displayed by third-party tools.



- **DWF Import**

Import the DWF/DWFX file into the current drawing. After importing, it becomes a block, which can be exploded into regular objects for editing. After executing the command, the "Select DWF File" dialog is displayed.



- **Linux System Support**

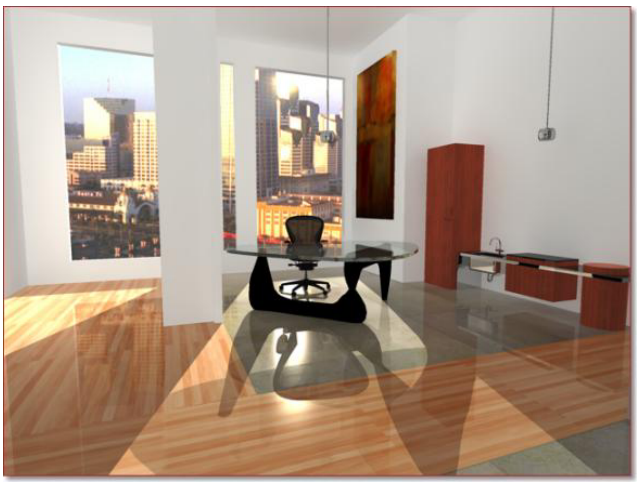
GstarCAD supports Linux system and GstarCAD 2026 for Linux version will be release soon. AutoCAD doesn't support Linux system.

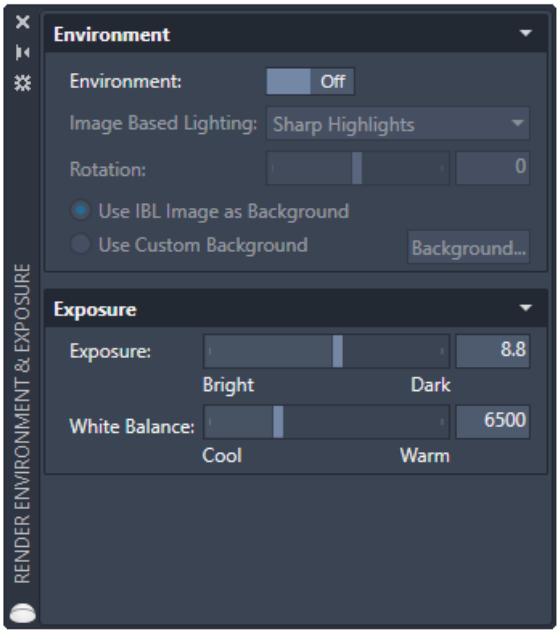
2.4. AutoCAD Special Features

- **3D Render**

Use the render to calculate the appearance of materials attached to objects in the scene. Lighting and shadows are calculated based on the light sources placed in the scene. You can adjust the render environment and exposure settings to control the final rendered image.

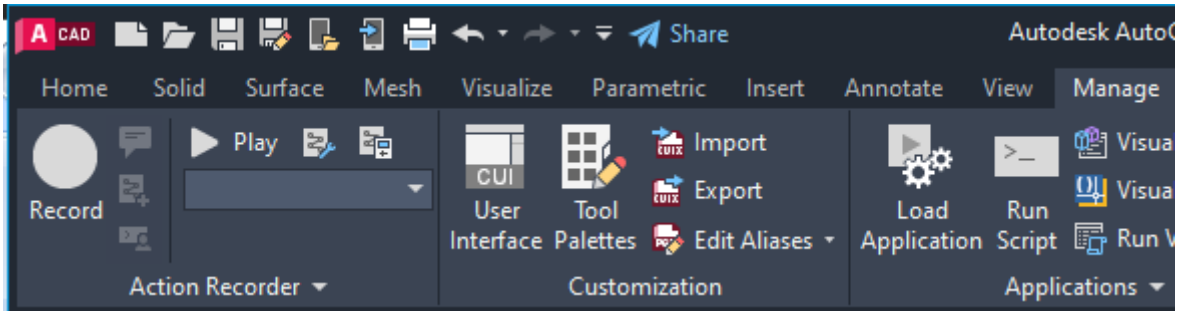
Render example with render environment and exposure settings tabs:

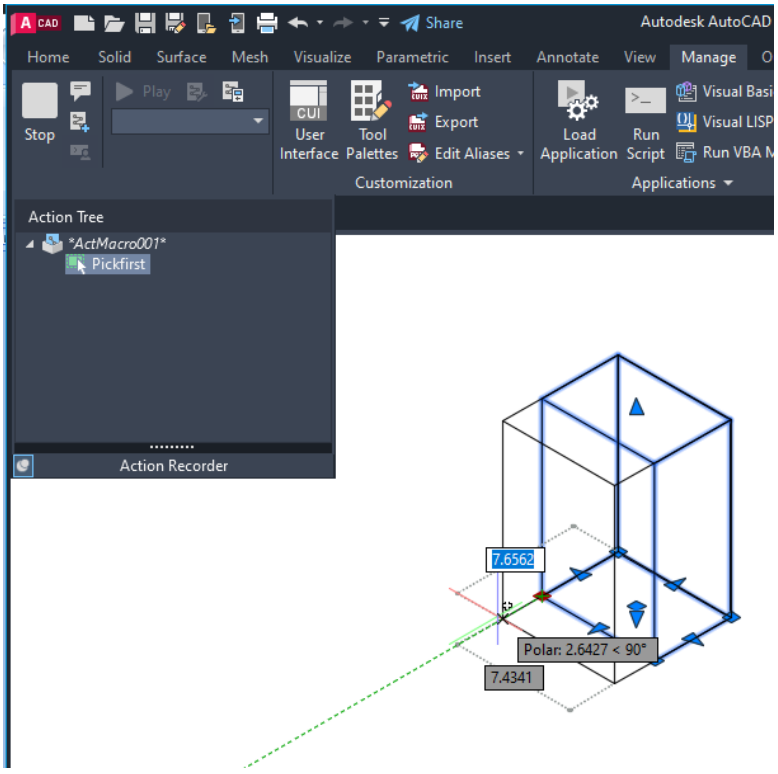


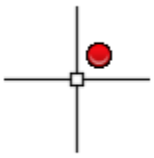


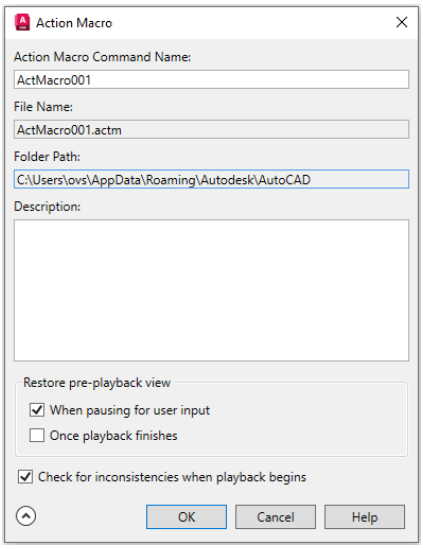
- Action Recorder

Use the ACTRECORD / ACTSTOP command to turn the action recorder on/off or click the Record/Stop button in the Ribbon Manage - Action Recorder options. When recording starts, a red circle will appear next to the cross cursor to inform you that the Action Recorder is actively listening for actions. After recording is completed, an action tree is generated based on the recorded actions.







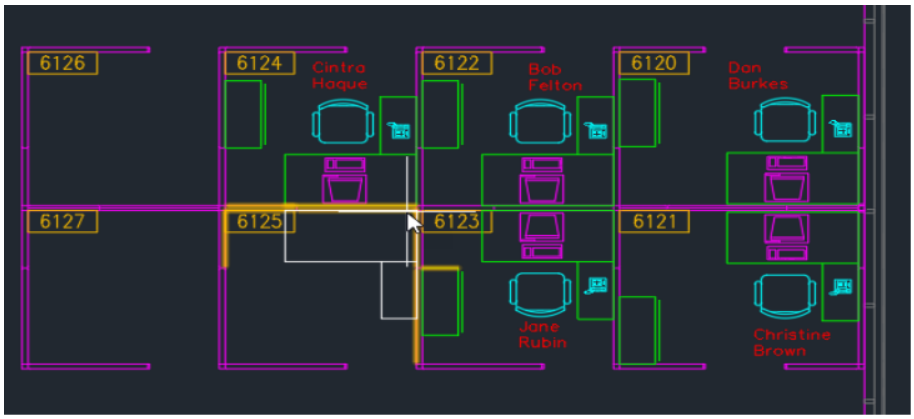


- Smart Blocks: Placement

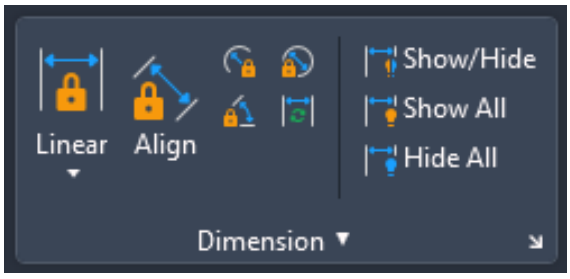
The new Smart Block feature provides placement suggestions based on where you have previously placed the block in the drawing.

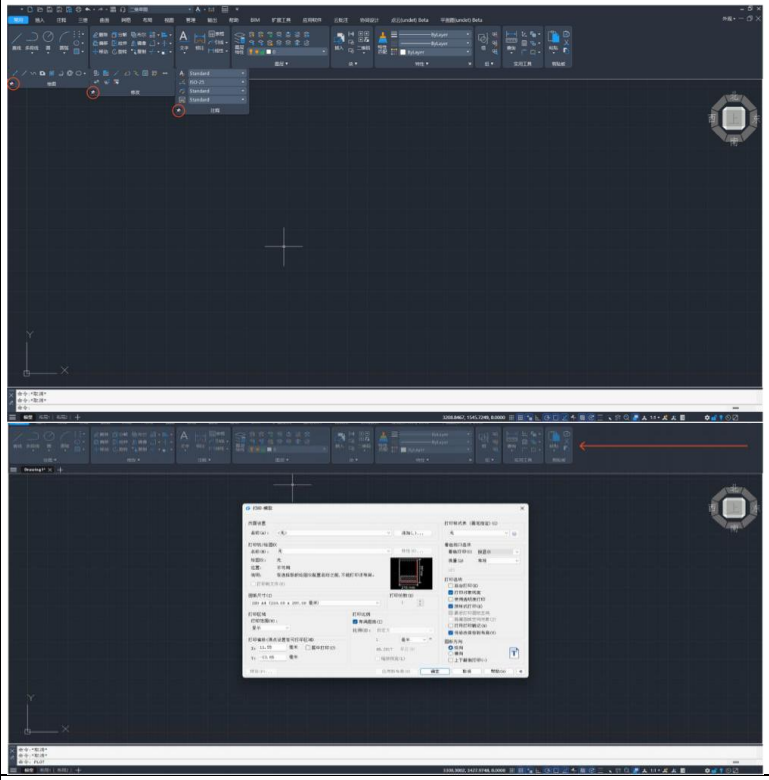
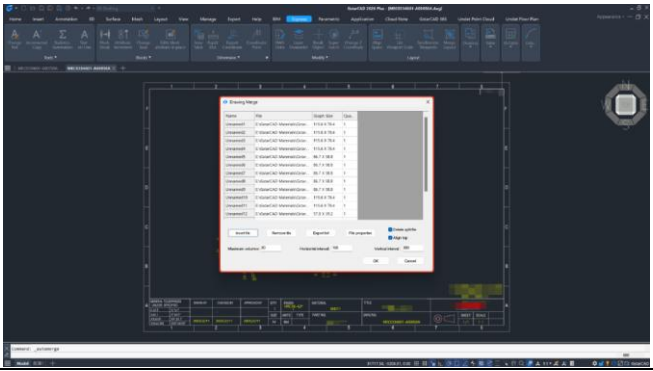
With its advanced features, Smart Blocks simplifies the creation, management, and use of blocks. By using intelligence algorithms to analyze the graphic and identify hatch patterns, Smart Blocks provides a range of intelligent features .

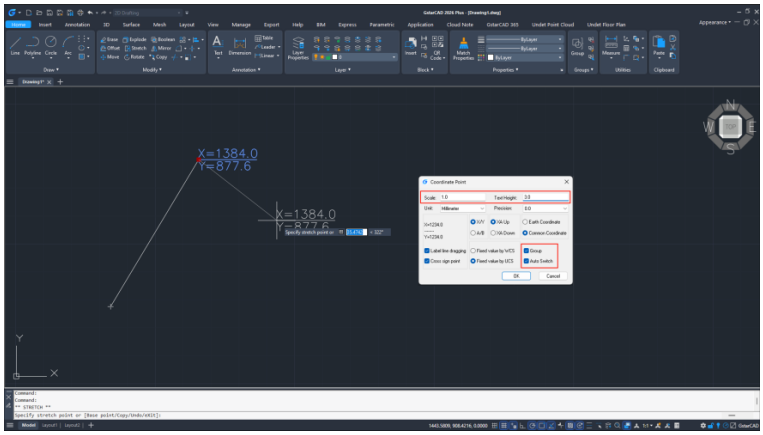
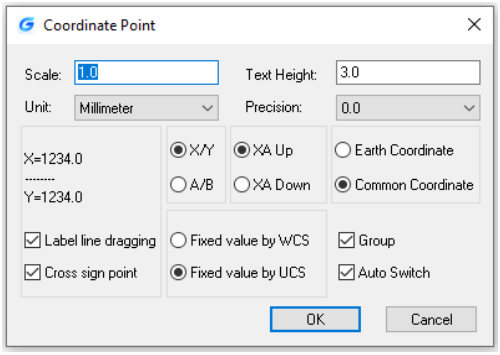
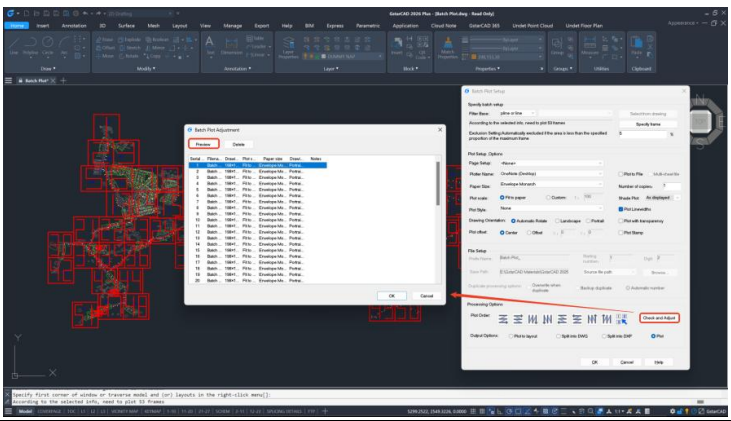
Features include automatic block placement, block replacement using similar block suggestions, object detection, and block conversion.

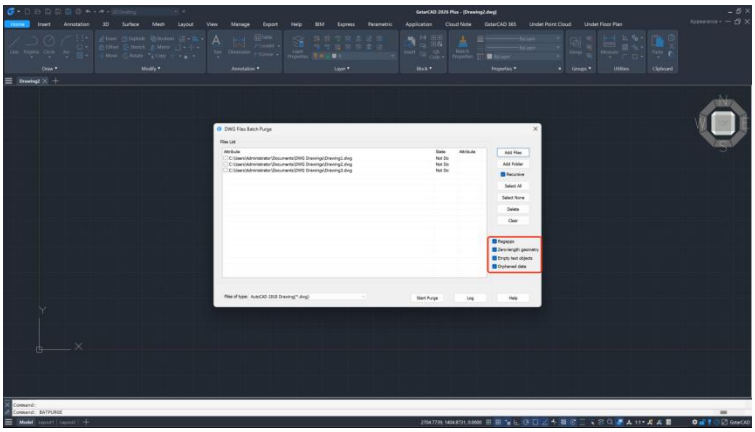
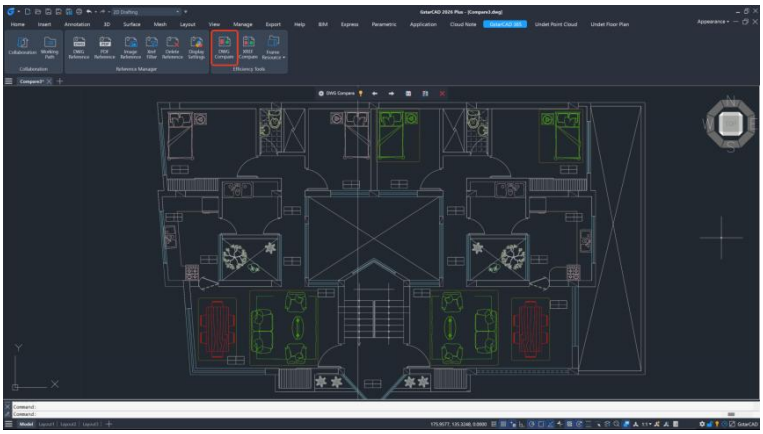
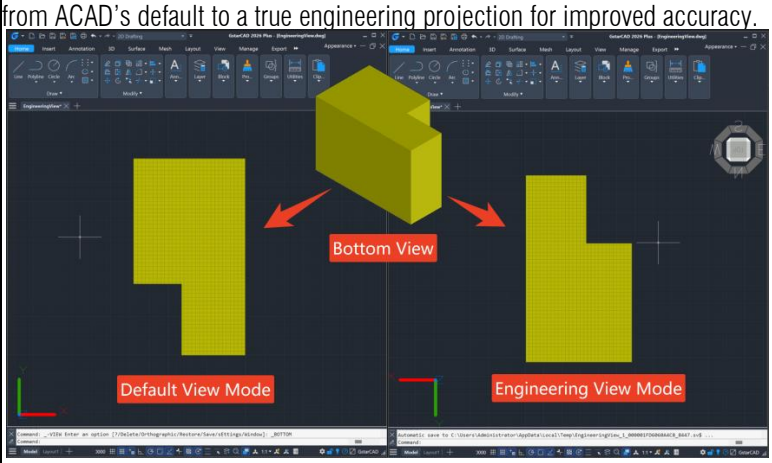


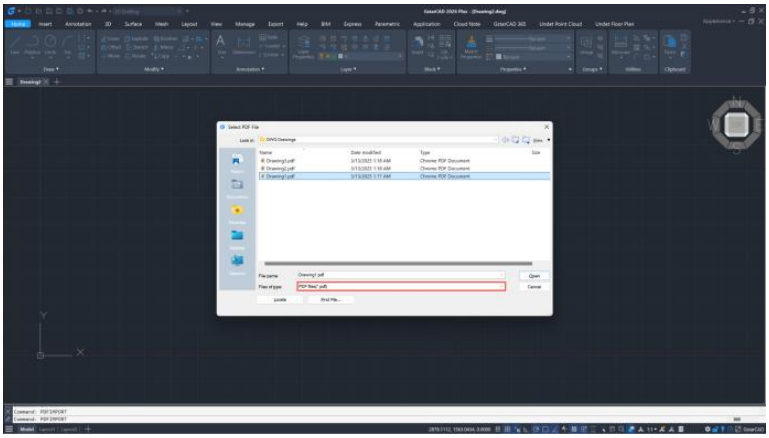
2.5. GstarCAD 2026 New Features

New Features/Improvements		ACAD Support	Comparison
Performance Improvements	Multi-reference drawing opening(without clipping) optimization	/	/
	EXTEND command (Fence/Crossing) optimization		
	TRIM command (Fence/Crossing) optimization		
	Clipped blocks & Xrefs optimization		
	Block editing preview optimization		
	MIRROR operation optimization		
	Block creation/explosion optimization		
	Hatch performance optimization		
Parametric Constraints		√	The functions are the same
Interface Improvements	Visual Refresh: New visual styles for dark and light themes	/	The functions are basically the same
	New SVG Icons: Redesigned color schemes and proportions, with 1500+ icons redrawn in SVG for clear and smooth display at any scale.		
	Application Access Menu:		

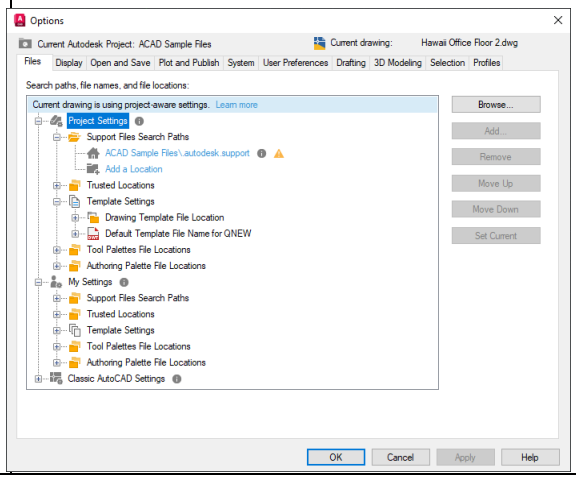
	Optimize the main menu button display effect Support click to print, send to first level menu directly Optimize recent document display logic		
	Ribbon Added fixed display of expanded sub-panels Optimize the disabling effect of ribbon Optimize the print preview panel 		
	Status Bar :optimize selection effect		
Drawing Merge	You can now batch analyze, split, and merge drawings via Xrefs with customizable layout settings, view entity properties, and export the drawing list to a .lst file. 	×	/

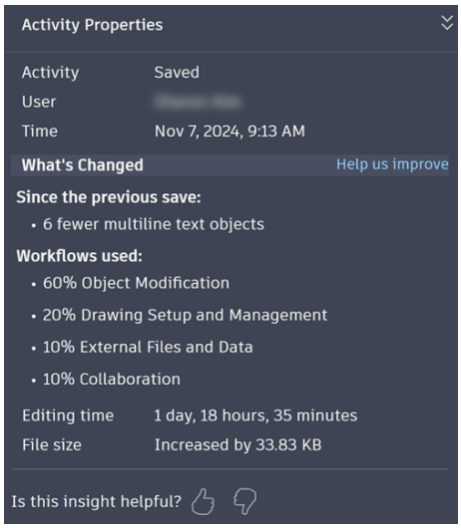
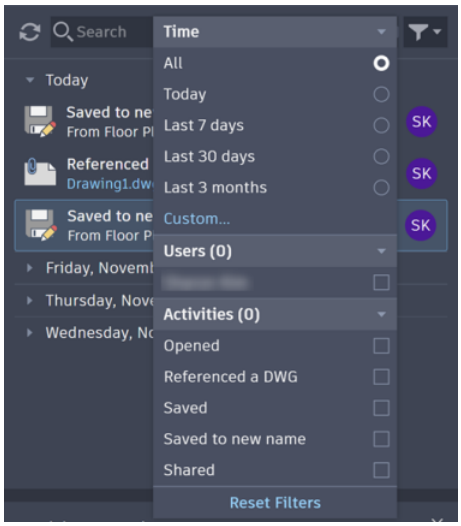
Dimension coordinate(DIM CORD)	The DIMCORD command now features leader lines instead of polylines, so moving a text block automatically carries its leader with it, making label placement more intuitive. The updated “Parameters” dialog also lets you adjust scale and text height, and includes new Group and Auto Switch options for greater flexibility and ease of use.  	×	/
Batch Plot Improvement	You can now sequentially preview frame records: click any record to start, press the spacebar to advance (with the active frame highlighted), and press space again on the last frame to exit preview and return to the Adjustment dialog box. 	×	/

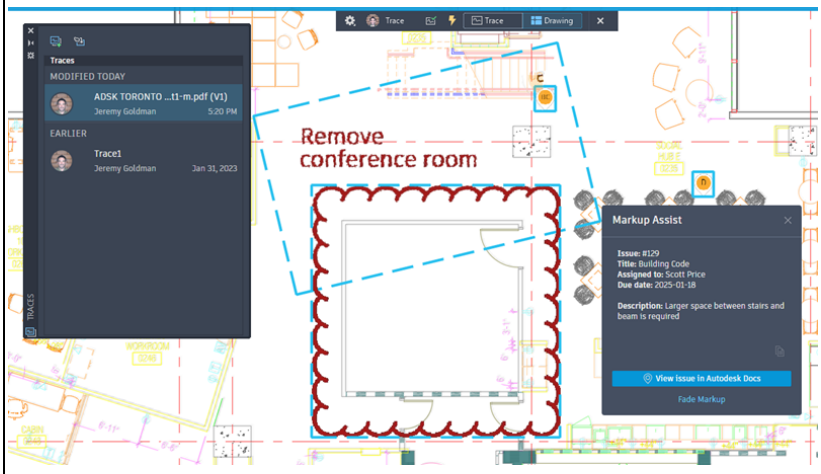
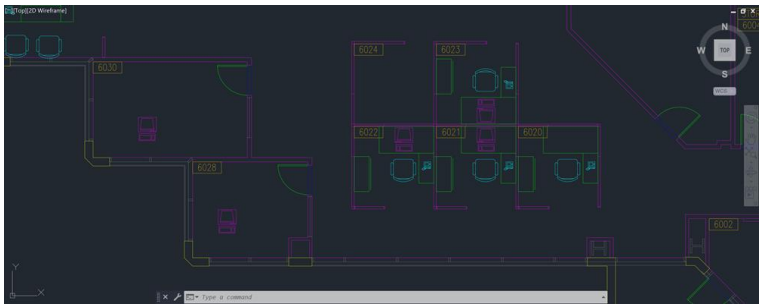
BATPURGE Improvement	The Batch Purge tool now supports cleaning up registered applications, zero-length geometries, empty text objects, and orphaned drawing data. 	×	/
DWG Compare	This feature compares a specified drawing with the current drawing, using revision clouds to highlight the differences. It allows users to configure comparison settings, import objects from the compared drawing, and export and bind the results into new snapshot drawings for future reference. 	√	The functions are basically the same
Engineering Projection (ENGINEERINGVIEWMODE)	You can now use the ENGINEERINGVIEWMODE variable to switch the bottom view from ACAD's default to a true engineering projection for improved accuracy. 	×	/

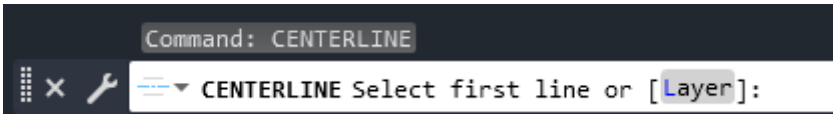
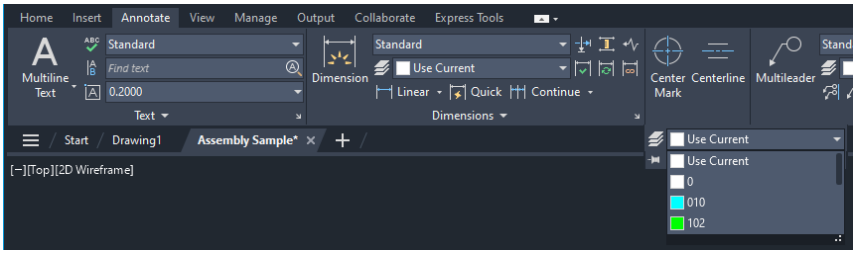
PDF Import Improvement	The PDF import engine has been upgraded to the modern, actively maintained PDFium library—boosting import speed, enhancing raster image rendering (transparency, clarity, color accuracy), improving text recognition and decoding (same-line text recognized as MText for easier editing), and delivering crisper hatch displays. 	/	The functions are basically the same

2.6. AutoCAD 2026 New Features

New Features/Improvements	Function Description	GstarCAD 2026 support	Comparison
Support files for connections	Connected Support Files allow AutoCAD to locate dependencies, such as fonts, plot styles, templates, and other support files based on the configuration defined for an Autodesk Docs project. Connected support files are project-aware and linked to the Autodesk Docs project they belong to. AutoCAD finds the necessary support files for drawings in an Autodesk Docs project without requiring configuration for each AutoCAD installation. 	×	/

Activity Insights	When you click a Saved activity tile in the Activity Insights palette, you'll now see the What's Changed insight in the Activity Properties panel. This insight provides a high-level summary of changes made during each edit session. This can help you know what happened since you last worked in the drawing and continue where you left off. The What's Changed insight is tied to the drawing, not to individual users, so all AutoCAD collaborators working on the drawing can create and view the same insights.  **AutoCAD Architecture and AutoCAD MEP Renovation Plan Changed Event** In AutoCAD Architecture and MEP 2026 toolsets, the Activity Insights captures activities related to renovation mode and provides detailed information for selected activities.	×	/
Search and Filter	We've simplified our search and filter bars for ease of use. Now, you can filter activities by time, users, and specific activities with one button.  You can also access filters easily by right-clicking any activity. This action allows you to filter by the user who did the activity, or filter by the same type of activity.	×	/

Markup Import & Markup Assist	Improvements were made to Markup Import and Markup Assist, namely when importing markups from Autodesk Docs to AutoCAD, making it easier for drafters to incorporate revisions. 	×	/
	Using markups with Autodesk Docs, Markup Assist can now detect markups on a PDF that weren't created in Autodesk Docs In the previous release, once a PDF was uploaded to Autodesk Docs, any existing markups on the PDF (for example, markups created in Adobe or with another markup software) could not be detected by Markup Assist, and instead were only visible as part of the background image that was overlaid in the Trace workspace. In this release, Markup Assist can now detect these types of markups.		
	View Autodesk Docs Issues in AutoCAD Issues created and published on a PDF markup in Autodesk Docs can now be viewed in AutoCAD.		
Smart Blocks: Search and Convert	In addition to identical blocks, this feature now finds text variations to further streamline repetitive tasks in AutoCAD. BSEARCH, formerly known as BCONVERT, finds all instances of the same geometry in a drawing for efficient block conversion. With this release, Search and Convert also finds text variations to convert into block attributes. This new capability is helpful for classifying repetitive but variable types of text, such as hotel room numbers or room names. 	×	/

	Once you decide to convert matching instances to a block, you'll see the preview thumbnail. Now, you can easily see the selected object and text variation. Along with converting matching instances to a block, you can then specify attribute tags for text variations by clicking Define attribute tags		
Smart Blocks: Detect and Convert	Improved detection capability BDETECT, previously known as DETECT, uses machine learning to identify and group similar objects in a drawing for easy block conversion.	×	/
Added Layer Option to CENTERLINE and CENTERMARK	The value of the CENTERLAYER system variable can be changed: At the Command prompt, using the new Layer option of the CENTERLINE and CENTERMARK commands.  On the ribbon, Annotate tab > Centerlines panel, using the Layer control. 	×	/
Additional enhancements	GDI Plot Enhancement: Improve compatibility with Windows system printers, handling custom configuration settings more effectively. GPU Text: The selection effect of GPU text has been enhanced to improve display quality. Use the Changes to the FASTSHADEDMODE System Variable: Two new visual styles with FASTSHADEDMODE support, Hidden and Conceptual. Performance Improvements: Raster images now load asynchronously in the background during the opening of a drawing file. Customer Satisfaction Survey: When you close AutoCAD, a customer satisfaction survey displays.	×	/

The new commands and system variables of AutoCAD 2026 are as follows:

New Commands	Description	AutoCAD 2026	AutoCAD LT 2026
BDETECT	Displays the Detect palette where you can start object detection and manage the objects that are eligible for conversion.	√	×
- BSEARCH	At the Command prompt, converts the selected entities and identical instances into blocks.	√	√
BSEARCH	Displays the Convert dialog box, which provides options to convert selected entities and identical instances into blocks.	√	√
IMAGEASYNCWAIT	Ensures that raster images being loaded in the background during file opening are complete before proceeding.	√	√

New System Variables	Description	AutoCAD 2026	AutoCAD LT 2026
BSEARCHINCLUDEEXISTINGBLOCKS	Controls whether existing block instances are selected by BSEARCH command by default. Users can still make adjustments to the selection during the review process.	√	√
IMAGEASYNC	Controls whether images are asynchronous loaded in the background during the opening of a drawing file.	√	√
MAXINTERSECTIONCURVEPOINTS	Controls the upper limit of the number of control points or vertices that splines and polylines can include in the intersection calculations.	√	√
PROJECTAWARE	Informs the user or developer of the project path state of the current drawing.	√	√
TEXTTOATTRIBUTE	In the BSEARCH command, if text objects are selected, controls whether text variations will be searched for conversion into block attributes.	√	√

3. Performance Comparison

3.1. Test Environment

Hardware Information	
model	Testing Machine
operating system	/
processor	12th Gen Intel(R) Core (TM) i5-12500
Memory	16 GB
Graphics	/
Software Information	
AutoCAD 2026	31.1.60.0
GstarCAD 2026	Beta version (26.0.0.416)

3.2. Performance test drawing

This test uses 50 drawings and is tested on a test machine. The information of all drawings is as follows:

Number	Drawing name	Version	Size
1	1000000 ARC . dwg	AutoCAD 2018	17.311 MB
2	1000000 CIRCLE . dwg	AutoCAD 2018	25.716 MB
3	1000000 LINE-WEIGHT.dwg	AutoCAD 2018	16.555MB
4	1000000 LINE.dwg	AutoCAD 2018	16.556MB
5	1000000 PLINE-NOWID.dwg	AutoCAD 2018	47.573MB
6	1000000 PLINE-WID.dwg	AutoCAD 2018	41.399MB
7	140+ OLE.dwg	AutoCAD 2018	69.662MB
8	200 MTEXT(COMPLEX).dwg	AutoCAD 2018	12.799MB
9	200000 HATCH-ANSI31.dwg	AutoCAD 2018	35.819MB
10	200000 HATCH-SOLID-CIR.dwg	AutoCAD 2018	25.604MB
11	200000 HATCH-SOLID-REC.dwg	AutoCAD 2018	29.375MB
12	200000 SPLINE.dwg	AutoCAD 2018	32.442MB
13	27000+ 3DPLINE.dwg	AutoCAD 2018	141.177MB
14	30000 Overlap Circle X15.dwg	AutoCAD 2018	5.162MB
15	300000 Overlap Line.dwg	AutoCAD 2018	3.469MB
16	3D Test 01.dwg	AutoCAD 2018	17.631MB

17	3D Test 02.dwg	AutoCAD 2018	108.009MB
18	3D Test 03(LICHI).dwg	AutoCAD 2010	11.687MB
19	3X20000 BLOCK.dwg	AutoCAD 2018	1.323MB
20	5000 DIMENSION+ASS-REC.dwg	AutoCAD 2018	2.158MB
21	5000 DIMENSION.dwg	AutoCAD 2018	3.323MB
22	50000 BOX.dwg	AutoCAD 2018	22.516MB
23	50000 SPHERE.dwg	AutoCAD 2018	16.968MB
24	500000 MTEXT.dwg	AutoCAD 2018	21.840MB
25	500000 TEXT-SHX.dwg	AutoCAD 2018	7.804MB
26	500000 TEXT-TTF.dwg	AutoCAD 2018	9.747MB
27	6000+ 2DPLINE.dwg	AutoCAD 2018	112.029MB
28	60000 Spline.dwg	AutoCAD 2018	9.890MB
29	Aerial Plan(3D Pline+Pline).dwg	AutoCAD 2018	92.068MB
30	Converted(Solid).dwg	AutoCAD 2018	41.406MB
31	Converted(Solid+Pline+Spline).dwg	AutoCAD 2018	42.568MB
32	Floor Plan(Line).dwg	AutoCAD 2018	55.826MB
33	High Resolution Image.dwg	AutoCAD 2018	42.516KB
34	Hull(Spline+Arc).dwg	AutoCAD 2018	55.113MB
35	Kr Test Drawing 1.dwg	AutoCAD 2018	82.414MB
36	Kr Test Drawing.dwg	AutoCAD 2018	35.829MB
37	Landscape(Proxy+Block).dwg	AutoCAD 2018	72.770MB
38	Large Image+Layout.dwg	AutoCAD 2018	152.615KB
39	Layout(Viewports + Clipped Block).dwg	AutoCAD 2018	4.099MB
40	Layout(Viewports).dwg	AutoCAD 2018	85.693MB
41	Map(Common test).dwg	AutoCAD 2018	49.940MB
42	MTEXT+Spline.dwg	AutoCAD 2018	83.386MB
43	Multi Images.dwg	AutoCAD 2004	65.170KB
44	Park(Clipped Big Block).dwg	AutoCAD 2018	63.269MB
45	Pipeline plan(Layout).dwg	AutoCAD 2018	153.296MB
46	Solid Hatch.dwg	AutoCAD 2018	50.480MB
47	Structural(Anonymous Block With Text).dwg	AutoCAD 2018	46.274MB
48	Subway (Big Block + Layout) .dwg	AutoCAD 2018	60.201 MB
49	Urban Plan (SOLID) .dwg	AutoCAD 2018	63.764 MB
50	Workshop(Spline+LineWeight).dwg	AutoCAD 2018	80.058 MB

3.3. Performance test results

The performance test results shown in this chapter are the average test data of the above 50 drawings. From the test data, it can be seen that in the current common operations, GsarCAD 2026 is already far ahead of AutoCAD 2026.

Serial number	Test items	Command Name	Time (s)		ratio
			GstarCAD 2026	AutoCAD 2026	
1	Open the picture	OPEN	4.15	14.1	339 %
2	Save As	SAVEAS	2.9	2.38	82 %
3	Regeneration	REGEN	0.86	2.57	301 %
4	Full Image Zoom	ZOOM _100X	0.06	0.92	1408 %
5	Select All	SELECT	1.37	2.36	173 %
6	delete	ERASE	1.63	9.19	565 %
7	move	MOVE	5.94	17.15	289 %
8	Revocation	UNDO	3.6	27.09	752 %
9	recover	REDO	7.07	28.48	403 %
10	Mirror	MIRROR	5.1	20.99	411 %
11	copy	COPYCLIP	8.44	114.65	1358 %
12	Paste	PASTECLIP	15.47	35.96	232%

4. Compatibility Comparison

- **Graphics File Compatibility:** GstarCAD 2026 can fully achieve bidirectional compatibility with AutoCAD 2026 in terms of compatibility and adaptation of mainstream graphic file and drawing formats. GstarCAD has obvious advantages in IFC file import and export, IGES file export, etc., but it is still slightly insufficient in the adaptation of some unpopular formats such as Pro/ENGINEER Granite/Neutral, JT, etc. Each software has its own advantages and disadvantages.
- **Data File compatibility:** In order to ensure that the drawing display and printing effects are completely consistent with AutoCAD, GstarCAD 2026 is fully compatible with various AutoCAD data files such as font files (*.shx), line type files (*.lin), Hatch pattern files (*.pat), alias files (*.pgp), sheet set files (*.dst), slide files (*.sld), script files (*.scr), etc.
- **Secondary Development Compatibility:** The LISP VBA SDS GRX in GstarCAD is perfectly compatible with AutoCAD development interface. The tool plug-ins on AutoCAD can be easily migrated to the GstarCAD platform, and the Python secondary development interface is added to GstarCAD 2026, providing more possibilities for the software secondary development ecosystem.

Compatibility	AutoCAD 2026		GstarCAD 2026	
	Import	Export	Import	Export
DWG/DFX 2.5-2018	√	√	√	√
Template file (*.dwt)	√	/	√	/
Standard file (*.dws)	√	/	√	/
Interface files (*.cui/*.cuix)	√	/	√	/
Old menu files (*.mnu)	√	/	√	/
Sheet set files (*.dst)	√	/	√	/
Hatch file (*.pat)	√	/	√	/
Font files (*.shx)	√	/	√	/
Linetype files (*.lin)	√	/	√	/
Alias file (*.pgp)	√	/	√	/
Script file (*.scr)	√	/	√	/
Print style table files (*.ctb/*.stb)	√	/	√	/
IFC2x3/IFC4 (*.ifc)	×	×	√	√
Revit files (*.rvt ; * .rfa)	×	/	√	/
STEP(*.stp ; *ste ; *.step)	√	/	√	/
IGES(*.igs *.iges)	√	√	√	×

CATIA V4(*.model ; *.session ; *.exp ; *.dlv3)	√	/	×	/
CATIA V5(*.CATPart ; *.CATProduct)	√	/	×	/
Inventor(*.ipt *.iam)	√	/	×	/
NX(*.prt)	√	/	×	/
Jt(*.jt)	√	/	×	/
Parasolid binary/text files (*.x_b) (*.x_t)	√	/	×	/
Pro/engineer granite/neutral	√	/	×	/
PDF file (*.pdf)	√	√	√	√
Pro/ENGINEER(*.prt* ; *.asm*)	√	/	×	/
Pro/ENGINEER Granite(*.g)	√	/	×	/
Pro/ENGINEER Neutral(*.neu*)	√	/	×	/
Rhino(*.3dm)	√	/	×	/
Solidworks (*.prt *.sldprt *.asm *.sldasm)	√	/	×	/
Acis(*.sat)	√	√	√	√
3D Studio (* .3ds)	√	/	√	/
3D DWF (* .dwf)	×	√	√	√

3D DWFx (* .dwfx)	×	√	√	√
Metafile (* .wmf)	√	√	√	√
MicroStation DGN (* .dgn)	√	√	√	×
Enhanced Metafile (* .emf)	/	×	/	√
Lithographic printing (* .stl)	/	√	/	√
Package PS (* .eps)	/	√	/	√
DXX Extraction (* .dxx)	/	√	/	√
Bitmap (* .bmp)	/	√	/	√
Block (* .dwg)	/	√	/	√
DGN V 7/V8(*. dgn)	/	√	/	×
Vector graphics (* .svg)	×	×	√	√

5. Secondary Development Interface Support

Secondary development compatibility: GstarCAD 2026's LISP, VBA, SDS, GRX is perfectly compatible with the AutoCAD development interface. The plug-ins on AutoCAD can be easily migrated to the GstarCAD platform and the Python secondary development interface provides more possibilities for the software secondary development ecosystem.

Compatibility	AutoCAD 2026		GstarCAD 2026	
	Import	Export	Import	Export
LISP Development Interface	√	/	√	/
VBA Development Interface	√	/	√	/
ARX -like development interface	√	/	√	/

.net development interface	√	/	√	/
Python Development Interface	×	/	√	/

6. Operating System Support

The difference between GstarCAD 2026 and AutoCAD 2026 in terms of operating system support mainly lies in their compatibility with Windows and Linux.

6.1. GstarCAD 2026 Os

Windows system support

GsarCAD 2026 supports the full range of Windows operating systems, including Windows 7, Windows 10. Windows 11 and earlier versions (such as WinAll), and is compatible with both 32-bit and 64-bit.

Linux system support

GsarCAD 2026 has launched a Linux version designed specifically for the trusted innovation environment, which is compatible with a variety of domestic operating systems and CPU architectures:

Mac system support

GstarCAD support for Mac version. The Mac main interface display remains consistent with Windows, allowing users to get started at zero cost. It suports supports more than 790 commands, covering more than 90% of the 2D commands of the Windows version of the same period Supports hundreds of extended tools, including block tools, text tools, layout tools , annotation tools, selection tools, editing tools, customization tools, coordinate tools, and GstarCAD tools Additionally, LISP interface is more complete and richer than AutoCAD .

6.2. AutoCAD 2026 Os

Windows system support

AutoCAD 2026 only supports 64-bit Windows systems and requires Windows 10 (version 1809 or higher) or Windows 11, and DirectX required 12 compatible graphics cards 26.

Other system support

AutoCAD 2026 supports Mac version, but there is no mention of official support for Linux.

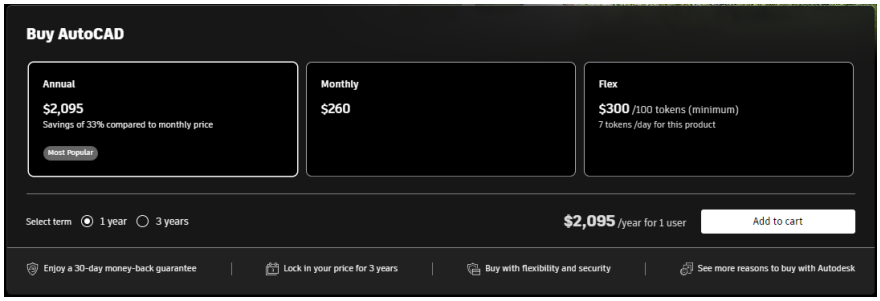
Comparison and Summary:

Software	Windows Support	Linux Support	Mac Support
GstarCAD 2026	Win 7 - Win 11 (32/64 bit)	Support	Support
AutoCAD 2026	Win 10/ Win 11 (64-bit only, version 1809+)	Not support	Support

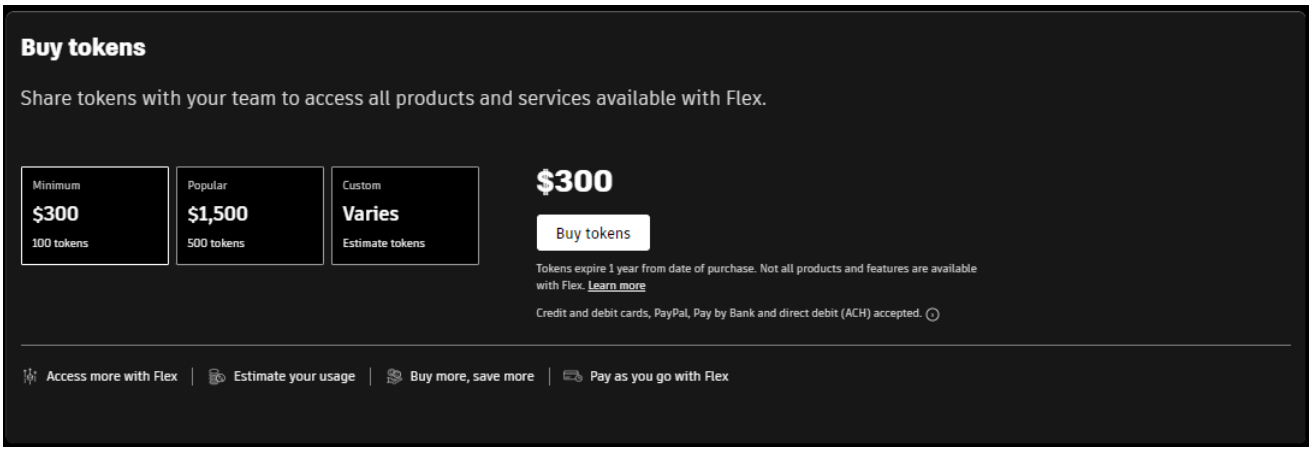
7. Market Positioning

7.1. AutoCAD 2026 Pricing Strategy

AutoCAD 2026 adopts a subscription-based business model in line with previous versions.



In Europe and the United States, there is also a new usage-based subscription system called Autodesk Flex , 7 tokens/day, 100 tokens for $300 (usage period of 1 year and 14 days), 500 tokens for $1,500 (usage period of 1 year and 71 days), or purchase any number of tokens. Flex is a good choice for team members or individuals who want to try out the product or only need occasional access.



7.2. GstarCAD 2026 Pricing Strategy

GstarCAD's licensing policy is flexible and simple. We provide both perpetual license and subscription. You are free to choose the license mode and you decide when to upgrade.

Perpetual License

When you choose to buy GstarCAD Perpetual License, you have the right to use it perpetually. Buy it once and it's forever yours. You are not forced to buy the subscription or upgrades.

Perpetual License and Subscription Plans

You can buy GstarCAD Perpetual License together with Subscription Plans. Gstarsoft releases a new GstarCAD major version every year, with Subscription Plans you can upgrade to the latest version of GstarCAD.

Yearly Subscription

GstarCAD Yearly Subscription is similar to AutoCAD Subscription; you can just pay a smaller amount for GstarCAD's 1-year license.

7.3. Marketing Share

Autodesk: As the global CAD software market leader, Autodesk's AutoCAD and other CAD products occupy a significant market share in the world. This is mainly due to its wide range of capabilities and applications in various industries such as construction, manufacturing and engineering.

GstarCAD: Even though GstarCAD market share is not as high as AutoCAD's, GstarCAD products are more and more accepted by designers due to it is seamless compatible, high performance, great stability and efficiency features, etc.

8. Summary and Suggestions

Although AutoCAD is still the star product in computer-aided design field, the performance is still not as good as GstarCAD. GstarCAD is extremely excellent dealing with large amounts of date which enhances the work efficiency a lot. GstarCAD drawing file and data are compatible with AutoCAD perfectly and realizes bidirectional compatibility with AutoCAD, and users can easily migrate from AutoCAD to GstarCAD with a lower cost.

GstarCAD 2026 not only covers almost all the command used features of AutoCAD 2026 at the drawing function level, but also develops plenty of practical features which enhance user's work flow greatly. Even it has also made more complete solutions in multi directions of collaboration, but it still needs to accumulate technology in terms of intelligence.

GstarCAD 2026

https://www.gstarcad.net

Gstarsoft