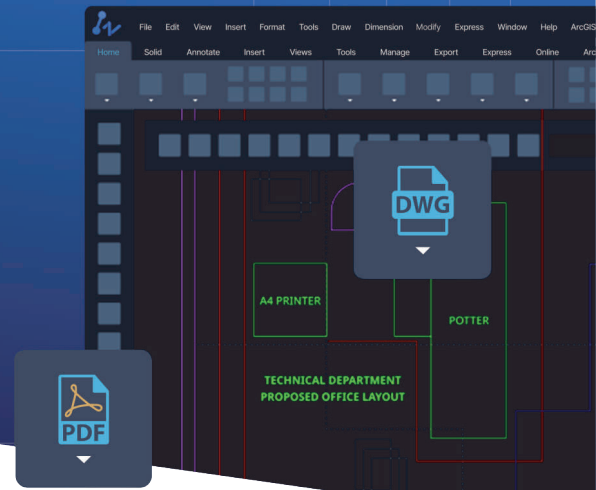# ZWCAD

Create Amazing Things

Overview

ZWCAD is a powerful CAD solution for 2D drafting and 3D navigation. Fully compatible with DWG, it ensures seamless collaboration across industries. With an intuitive interface, efficiency-boosting tools, and AI-powered features, ZWCAD helps professionals design smarter and faster.

Capabilities

Seamless Compatibility

ZWCAD offers robust compatibility with DWG and many other file formats to ensure smooth collaboration. Its familiar interface enables you to start working immediately without a learning curve. With our migration tool, you can easily migrate your files to ZWCAD like fonts, print configurations and hatch patterns.
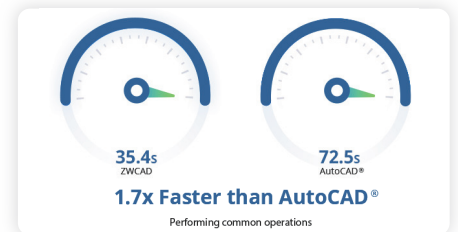
Powerful Features

Our software is packed with all the features you need to get your work done. But that's not all - we've also included advanced features like Flexiblock to help you tackle complex tasks easily. And with our innovative Smart series, you can streamline your workflow like never before.

Exceptional Speed

Good software won't keep you waiting. ZWCAD offers you a seamless experience from start to finish by taking full advantage of multi-core CPUs. From opening files to selecting, moving, panning, and zooming, our common operations are executed with unparalleled speed.

35.4s
ZWCAD

72.5s
AutoCAD®

1.7x Faster than AutoCAD®
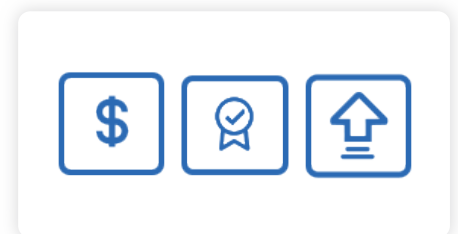
Performing common operations

Diverse Applications

ZWCAD supports over 400 third-party applications for various industries and provides open APIs including LISP, VBA, ZRX, and .NET so you can customize ZWCAD to fit your unique industry needs.

Perpetual License

With perpetual licensing, you can pay once and own the software forever, eliminating worries about costly subscription fees. We offer both stand-alone and network options for individuals and teams. Plus, you can upgrade to the latest version at any time to enjoy the latest features and enhancements.

Compare ZWCAD with AutoCAD®

		ZWCAD		AUTOCAD	
		Standard	Professional	LT	Full
Compatibility	DWG, DWF, DWFx, DWT, DWS, DXF Import and Export	✓	✓	✓	✓
	PDF, DGN Import and Export	✓	✓	✓	✓
	IFC Import	✓	✓	✗	✓
	STEP Import	✗	✓	✗	✓
	ACIS SAT Import	✗	✓	✗	✓
Interface and Interaction	Classic and Ribbon Interfaces	✓	✓	✓	✓
	Customize User Interface (CUI)	✓	✓	✓	✓
	Floating Document Tab	✓	✓	✓	✓
	Tool Palettes, Properties Palette, Design Center	✓	✓	✓	✓
	Panel Navigation Indicator	✓	✓	✗	✗
Drafting	2D Drawing Tools (Line, Circle, Rectangle, etc.)	✓	✓	✓	✓
	2D Editing Tools (Move, Copy, Trim, etc.)	✓	✓	✓	✓
	2D Annotation Tools (Dimension, Text, Leader, Table, etc.)	✓	✓	✓	✓
	Reference Tools (Block, Underlay, Image Attach, etc.)	✓	✓	✓	✓
	Printing and Plotting (Plot, Publish, Export, eTransmit, etc.)	✓	✓	✓	✓
	Layer Browser	✓	✓	✗	✗
	Multiline and Multiline Style	✓	✓	✗	✓
	Undo/Redo Preview	✓	✓	✗	✗
	Enhanced Coordinate Dimension	✓	✓	✗	✗
	Multiple Blocks Inserting	✓	✓	✗	✓
	GeoTIFF Attach	✓	✓	✗	✗
	Automatic Drawing Layout	✓	✓	✗	✗
Advanced Features	Parametric Deisgn	✓	✓	✓	✓
	Smart Match/Similar Search	✗	✓	✓	✓
	Smart Mouse/Voice/Select/Plot	✓	✓	✗	✗
	ZWCAD Toolbox	✓	✓	✗	✗
	Flexiblock	✓	✓	*Dynamic Block is interchangeable to Flexiblock.	
	Drawing View	✗	✓	✗	✓
	Raster to Vector Conversion	✗	✓	*Only available when the raster design toolset is loaded.	
	Point Cloud	✗	✓	✗	✓
	GIS	✗	✓	✓	✓
	Area Table	✓	✓	✗	✗
	File Compare	✓	✓	✓	✓
	Sheet Set Manager	✓	✓	✗	✓
	Barcode & QR Code	✓	✓	✗	✗
	Data Extraction	✓	✓	✗	✓
	Lockup & Unlock	✓	✓	✗	✗
3D Modeling	Solid, Mesh and Surface Modeling	✗	✓	✗	✓
	Photorealistic Rendering	✗	✓	✗	✓
	3D Gizmo	✗	✓	✗	✓
	Visual Style	✓	✓	✗	✓
	ViewCube	✗	✓	✗	✓
	3D Orbit	✓	✓	✗	✓
Programming	LISP Routines	✓	✓	✓	✓
	Lisp Debugger	✓	✓	✗	✓
	Visual Basic for Applications (VBA)	✗	✓	✗	✓
	Runtime Extension (ZRX/ARX)	✗	✓	✗	✓
	.NET	✗	✓	✗	✓

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About ZWSOFT

ZWSOFT has been a trusted provider of all-in-one CAx (CAD/CAE/CAM) solutions since 1998, empowering 1.4 million customers in 90+ countries with proven expertise and constant innovation.

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