

ZWCAD Overview

Create Amazing Things

ZWCAD, Your Top Choice CAD Solution

ZWCAD is a professional and cost-effective 2D/3D CAD solution, offering architects, designers, and engineers unparalleled DWG and DXF compatibility to ensure seamless collaboration with other CAD tools. With its intuitive user interface and innovative tools, ZWCAD offers an affordable alternative to other CAD solutions.



First-time questions about ZWCAD

Why choose ZWCAD when AutoCAD works well?

Will learning to use ZWCAD take up a lot of my time?

Can ZWCAD be trusted as I've never heard of it?

Can I quickly find solutions if I encounter any issues with ZWCAD?



Outline

01

ZWCAD from ZWSOFT

The largest CAD/CAM software provider in China

02

ZWCAD

The Perfect CAD Alternative

03

ZWCAD + Applications

Expanding Capabilities

04

Professional Technical Service

Supporting you every step of the way

05

Follow The Choice

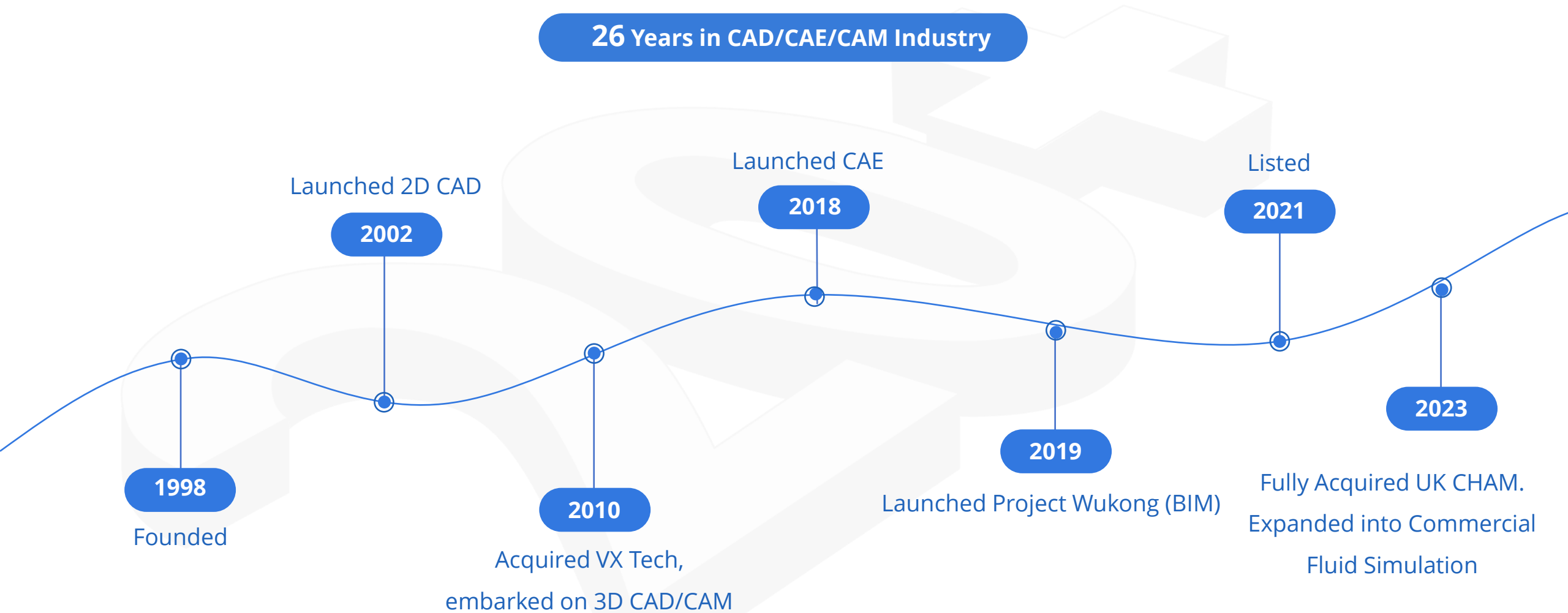
Of The 1,400,000 Users

06

Summary

ZWSOFT History

26 Years in CAD/CAE/CAM Industry



ZWSOFT Profile

First and largest CAD/CAM company listed in China



Employees
2000+



Partners
800+



Users
1,400,000+



Languages
15



Countries
& Regions
90+



Subsidiaries/
Branches
27



R&D
Centers
7



Partner
Institutions
70,000+

*All numbers updated on June 30, 2024

Global Partner Network

800+ business partners from 90+ countries/regions bring ZWSOFT's Solutions to global users



All-in-One CAx (CAD/CAE/CAM) Solutions

Industrial
Solution

Application
Solution


Modules
+
Platform

Kernel
Technology

AEC Solution

Civil Engineering, Energy, Environment...

ZWCAD, ZWCAD MFG,
ZWCAD Viewer



2D CAD

Geometric Modeling Engine
Overdrive

Multi-Process Computing
Technology

MFG Solution

General & Specialized Machinery Equipment, Molds...

ZW3D, ZW3D Harness Module,
ZW3D Piping Module,
CADbro, ZWTeammate



3D CAD/CAM

Constraint Solving Engine
ZGS

Hardware Acceleration
Technology

ZWSim Strutral



CAE

Data Conversion Engine
IPX

High-Performance
Computing Engine

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Summary

Competitive price and flexible licensing system.

Reasonable license purchase options: Perpetual/subscription licenses

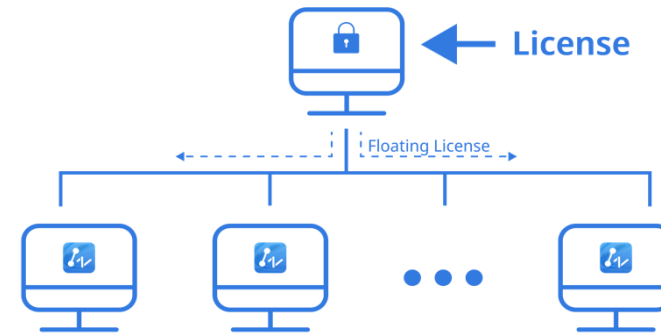
The screenshot shows a software licensing selection interface. At the top, three license types are listed: ZWCAD Standard (\$899), ZWCAD Professional (\$1199), and AutoCAD® (\$1865). Below this, there are controls for 'Years' (set to 1) and 'Number of seats' (set to 1). Three price options are displayed: \$1079 for ZWCAD Standard, \$1439 for ZWCAD Professional, and \$1865 for AutoCAD®.

- Allows users to purchase licenses based on actual needs.
- One-time purchase for perpetual use.

* Yearly Maintenance Included.

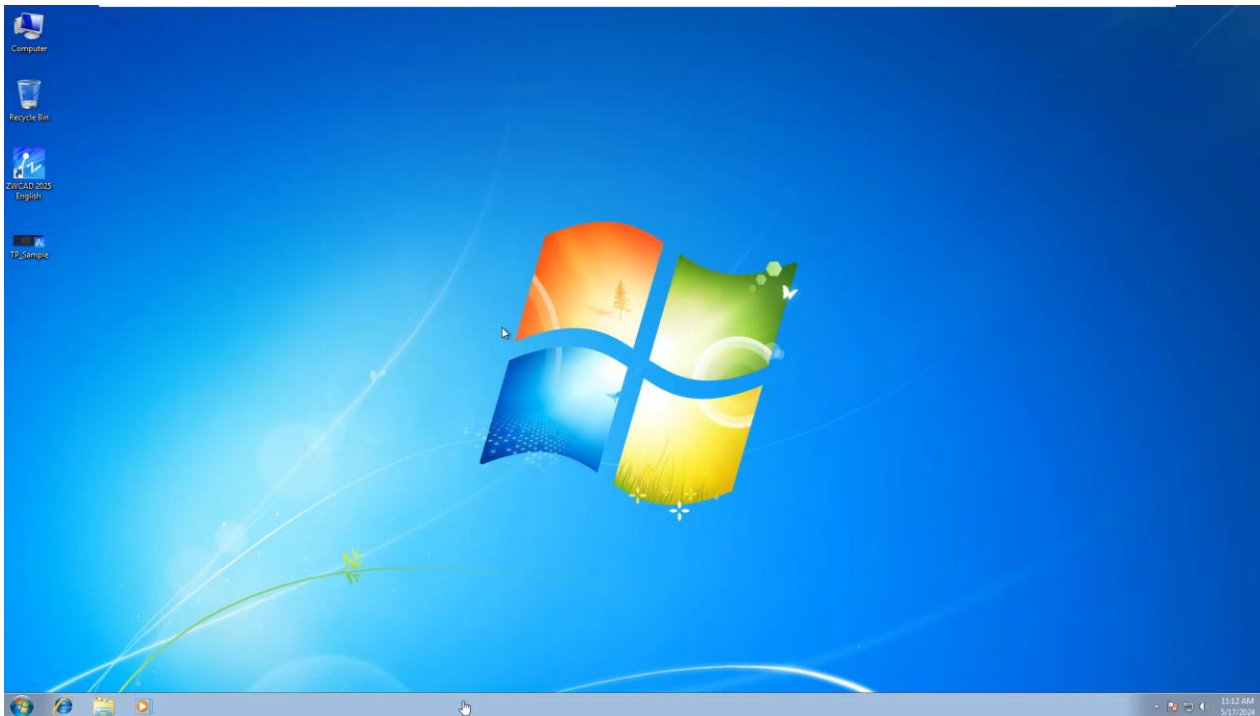
With ZWCAD's Yearly Maintenance program, you will receive unlimited access to industry-leading technical support and the latest major release versions and updates at an unbeatable price - starting just at \$180/year for ZWCAD Standard and \$240/year for ZWCAD Professional.

Flexible license allocation model: Standalone/network licenses



- Flexible allocation of licenses.
- Maximizing the utilization of each license.
- Reduce business costs.

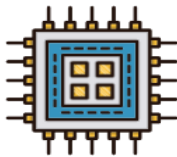
Not only affordable, ZWCAD is also friendly to system requirements.



Operating system	Microsoft® Windows 7 sp1 Microsoft® Windows Server 2008 R2 sp1 and above Microsoft® Windows Server 2012 Microsoft® Windows Server 2016 Microsoft® Windows 8.1 Microsoft® Windows 10 Microsoft® Windows 11
Processor	Intel® Pentium™ 4 1.5 GHz or equivalent AMD® processor
RAM	2 GB
Display card	1 GB, support OpenGL 4.2
Hard disk	2 GB free space in OS disk, 2 GB free space in installation disk
Resolution	1024*768 VGA with True Color
Pointing device	Mouse, trackball, or other devices
DVD-ROM	Any speed (for installation only)

- ZWCAD performs excellently from Windows 7 to Windows 11.
- The installation is easy and fast.

If you appreciate a smooth CAD experience, you will love ZWCAD.

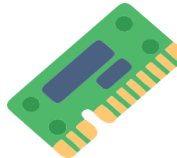
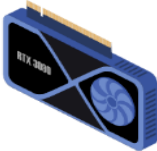


Multithreading Computing Technology

Leveraging multi-core CPU advantages improves the speed of opening drawings.

Hardware Acceleration Technology

Utilizing GPU resources enhances the quality of graphic displays.

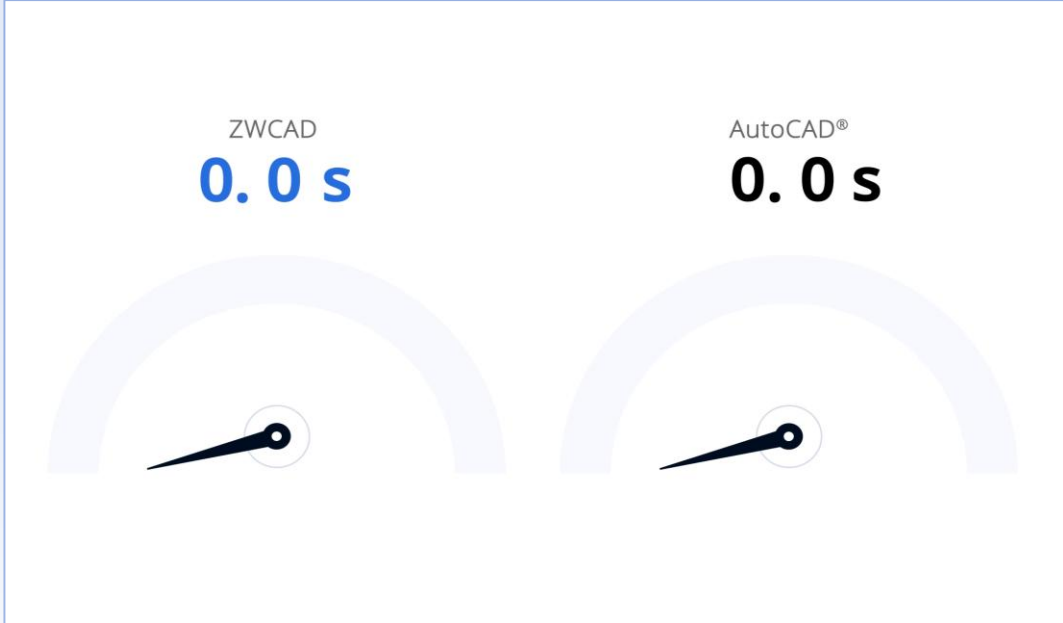


Large Image Display Technology

Utilizing memory card resources improves the speed of displaying large images.

Incremental Save Technology

Improve the speed of saving large drawings.



- The graph above presents the results of our performance tests, conducted on over 250 DWG files ranging from 1 to 1395 MB.
- The operations included opening, panning, zooming, copying, moving, selecting, and saving.

Innovative technologies make ZWCAD faster at every stage of the design process.

Switching made easy.



DWG Compatibility?

- ZWCAD seamlessly opens and edits any DWG files.
- Drawings made in ZWCAD are fully compatible with and editable in other CAD software.



Alter work habits?

- Similar interface to other CAD software.
- Same functions as other CAD software.
- Familiar user interface and consistent usage habits.

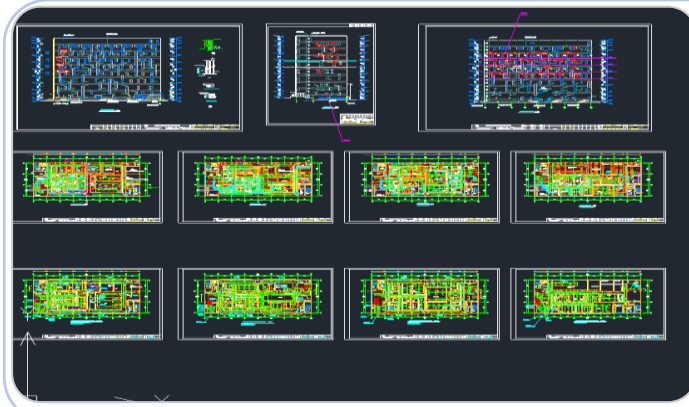


Unable to use add-ons?

- ZWCAD supports loading and using add-ons in various formats (VLX, DLL, ZRX).
- Numerous plugins have been successfully ported to ZWCAD.

Innovative tools for increased productivity.

Smart Plot An innovative plotting method to enhance your drawing print efficiency.



Why designers need this feature?

- Working with multiple sheets in model space can make printing multiple frames cumbersome.
- Designers often need to print a large number of drawings from one or more folders.

What are the benefits for designers?

- **Efficiency:** Smart Plot simplifies the printing process with just a few steps, enhancing productivity.
- **Accuracy:** Automating the printing process ensures the precision of printed drawings.

Name	Date modified	Type	Size
sample 1.dwg	5/11/2024 10:17 AM	ZWCAD.Drawing	47 KB
sample 2.dwg	5/11/2024 10:19 AM	ZWCAD.Drawing	43 KB
sample 3.dwg	5/11/2024 10:20 AM	ZWCAD.Drawing	42 KB
sample 5.dwg	5/11/2024 10:17 AM	ZWCAD.Drawing	47 KB
sample 6.dwg	5/11/2024 10:17 AM	ZWCAD.Drawing	47 KB
sample 7.dwg	5/11/2024 10:17 AM	ZWCAD.Drawing	47 KB
sample 8.dwg	5/11/2024 10:19 AM	ZWCAD.Drawing	43 KB
sample 9.dwg	5/11/2024 10:19 AM	ZWCAD.Drawing	43 KB
sample 10.dwg	5/11/2024 10:19 AM	ZWCAD.Drawing	43 KB
sample 11.dwg	5/11/2024 10:20 AM	ZWCAD.Drawing	42 KB
sample 12.dwg	5/11/2024 10:20 AM	ZWCAD.Drawing	42 KB
sample 13.dwg	5/11/2024 10:21 AM	ZWCAD.Drawing	57 KB

More efficient and unique features await your exploration.



Drawing View

- Support creating base views from 3D models in model space.
- Support the creation, editing, and updating of base views and projected views.



Viewcube

- Switch and position the 3D model's viewpoint faster and more convenient.
- navigate and switch views conveniently in 2D model space or 3D visual styles.



Vector Graphic Converter

- Convert images and scanned documents into CAD drawings
- Automatically convert hand-drawn sketches into CAD drawings.

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Summary

Pro plugins for dedicated industrial application.



ZWCAD + Third-Party Applications

ZWCAD provides a powerful and rich API interface to assist developers in immigrating plugins to ZWCAD or developing plugins based on ZWCAD.

Boost your productivity.

ZWCAD offers free tools to enhance your design experience



Auto-Numbering
Tool

Block Calculator

Change
Base Point

DWG Files
Cleaning

DWG Converter

PDF Converter



ZWCAD + Self-Developed Tools

In addition to the software itself, we offer free tools developed based on real user scenarios to improve the efficiency of designers and enhance their design experience.

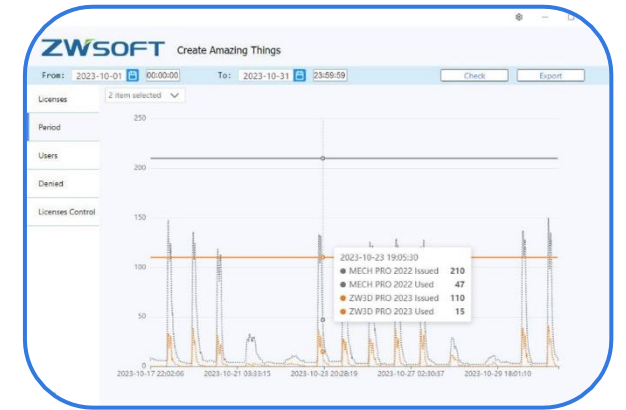
License management made easy.

ZWSOFT Network License Management Tool

NLAT

ZWSOFT's Network License Management Tool

- View real-time license usage
- Monitor peak license usage
- Track user CAD usage time
- Manage license node permissions
- Export data management



Type	User/Host/IpV4/Group	Float	Borrow
group	Group A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
group	Group B	<input checked="" type="checkbox"/>	<input type="checkbox"/>
user	Raya	<input checked="" type="checkbox"/>	<input type="checkbox"/>
user	SaIiba	<input type="checkbox"/>	<input checked="" type="checkbox"/>
user	Saka	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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Your success, our priority.

Customers

1,400,000+

ZWSOFT is proud to have 149 Fortune 500 companies as our valued clients.

We take great pride in providing world-class support to more than one million satisfied customers. We offer a wide range of customizable support options tailored to meet your unique needs and expectations.



Product Demo



Requirement Evaluation



Onboarding & Upgrade



Product Training



Tutorials



Help Center



After-sales Support

**The specific technical support services may vary by region and should be customized accordingly.*

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Customers From Multiple Industries

Architecture

Engineering

Construction

Oil & Gas

Government

Consumer Products

Automotive

Machinery

Mold Tool & Die

Electronic & Electric

Medicine

Education

...



Industry Recognition



“Impressive raster image vectorization and point cloud handling capabilities in the latest ZWCAD2025”

Gediminas Kirdeikis

An influential YouTuber in architecture

“During the transition, we received on-site support for the installation and configuration of network licenses.”

Peter Eke

CEO Of SZELTERV

“Seamless transition from popular CAD software.”

Ronald Allan T.

Small-Business, validated G2 reviewer

“Dealing large 3D drawing with ease, which is crucial for large-scale projects.”

Balkan Architect

A senior architect and YouTuber

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Competitive Price & Flexible Licensing System

Perpetual and network licensing can significantly reduce enterprise costs.



Excellent Product Quality

Exceptional DWG compatibility, comprehensive Features, high efficiency and stability.



Zero Learning Cost

Familiar interface and similar functionality usage allow users to start using it without relearning.



Strong Plug-in Ecosystem

ZWCAD has a wide range of plugins with different functionalities, and developers can also develop plugins based on ZWCAD.



A Comprehensive Technical Service System

Combining online and offline services to provide users with comprehensive technical support experience.



Multiple Product Solutions

Providing different software combination solutions for users in various industries to effectively improve work efficiency.

A blue-tinted photograph of a snow-capped mountain peak, likely Mount Everest, with a white horizontal line below the text.

Empowering Sustainable Innovation.