About ZWCAD

ZWCAD is a cost-effective, DWG file format compatible CAD solution developed by ZWCAD Software Co., Ltd.. It provides innovative, collaborative and customizable features for engineers in the AEC and MCAD industries, easing their design process.

ZWCAD is now available in 15 languages, including Simplified and Traditional Chinese, Czech, English, French, German, Italian, Japanese, Hungarian, Korean, Polish, Portuguese, Spanish, Russian and Turkish.

Over 550,000 satisfied users across 80 countries



ZWCAD Software Co., Ltd.

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ZWCAD Reseller

www.zwsoft.com

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ZWCAD

Design Great





ZWCADDesign Great

Top 5 Reasons to Choose ZWCAD





Seamless DWG Compatibility





Code-level compatible APIs and easy to migrate





Flexible workflow between desktop and mobile devices





Extra efficiency with micro innovations





Non-expiring perpetual license with latest version upgrade



Familiar CAD

- Seamlessly compatible with DWG files
- Familiar Classic and Ribbon interfaces, you can easily switch to choose the environment you prefer
- Familiar commands and alias



ZWCAD Features

2D Drafting

Auto-complete Command Entry MText

Images Block

External Reference

MLeaders

Table

Associative Dimension

Revision Cloud

Layer Properties Manager

Attribute Block

Advanced 7 Tools

5

Tool Palettes

Dynamic Block

Reference Manager

Block Attribute Manager

Super Hatch

File Compare

Quick Calculator

Extract Attribute

Layer States Manager

Insert OLE Object

Import DGN

Match Properties

Lock Up Drawing

Overkill

Micro Innovation

SmartMouse

SmartVoice

SmartSelect Barcode & QR Code

Lightweight

3D Modeling

Modeling Visualizing

Viewing

Output & Share

Print with STB/CTB plot style Print or publish in other formats

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Industry Solutions

From Desktop to Mobile

ZWCAD vs ACAD

See How CAD Experts & Users Comment on ZWCAD



1

2D Drafting

Auto-complete Command Entry Help to find commands more quickly



Multi-line text, full text editing functions

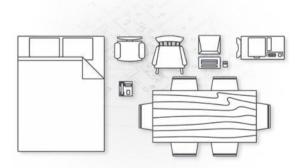
Images

Insert raster images, supports formats like JPEG, PNG and BMP



Block

Collect geometry together into one object which you can use repeatedly



External Reference

Attach other DWG drawings as references



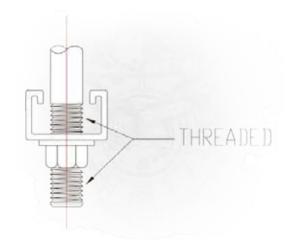
2D Drafting

MText



MLeaders

Attach multi-leader annotations



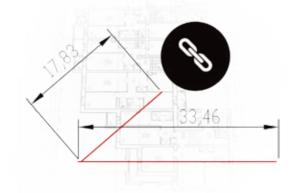
Table

Use table to present data like revision table or bill of materials

CONC. PILE SCHEDULE					
MARK	PILE NO.	LENGTH	VERTICAL REINFORCEMENT		
p-1	16 [406]	25'-0"[7620]	4-15Mx19'-0"[5791]		
P+2	16 [406]	30'-0"[9144]	4-15Mx23'-0"[7010]		
P-3	16"[406]	34'-0'[10363]	4-15Mx26'-0"[7925]		
ProA	16"[406]	38'-0"[11582]	4-15Mx32'-0"[9754]		
P-5	24 [610]	32'-0"[9754]	6-20Mx24'-0"[7315]		
P-6	24 [610]	36'-0"[10973]	6-20Mx27'-0"[8230]		

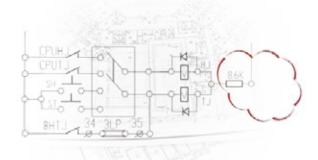
Associative Dimension

Dimension adjusted along with the geometric objects



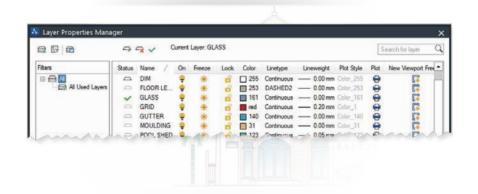
Revision Cloud

Mark the revision items with free-form clouds around them and call attention to them



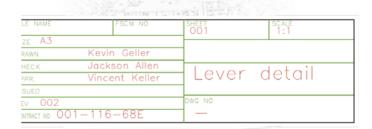
Layer Properties Manager

Set layer properties like color, linetype and VP Freeze



Attribute Block

Block embeds textual information such as inventory numbers, prices, description and more



2D Drafting



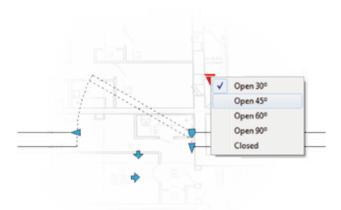
Advanced Tools

Tool Palettes

Organize, share, and place commands, blocks, and other tools



Dynamic Block



Block with parameters, easy to modify

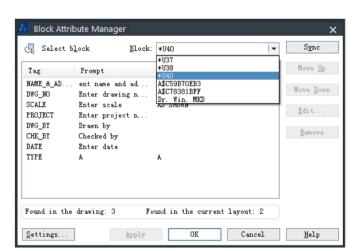
Reference Manager

Manage all external resources like text, image and drawing



Block Attribute Manager

View, edit and synchronize attributes in batches



Super Hatch

Use block, external drawing, or image as hatch pattern







Advanced Tools

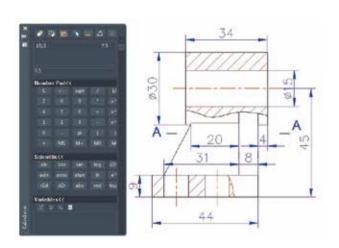
File Compare

Compare two similar drawings and highlight the differences



Quick Calculator

Perform calculation within CAD just as you would with a desktop calculator



Extract Attribute

Extract attribute information to a csv/xls/mdb/txt file



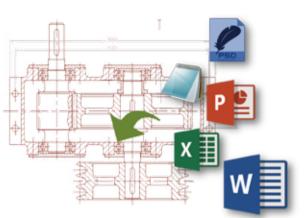
Layer States Manager

Save the layer states and restore with one click, layer settings can be easily changed



Insert OLE Object

Use document from other applications



Import DGN

Exchange drawing with MicroStation®



Advanced Tools



Match Properties

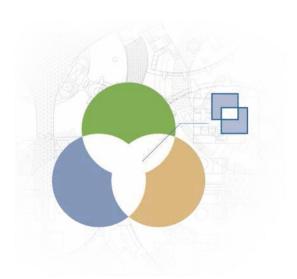
Apply existing style to other objects



Lock Up Drawing
Lock up the selection with a password so that it is visible but uneditable



Delete duplicates or partially overlapped objects

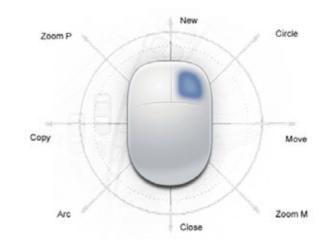




Micro Innovation

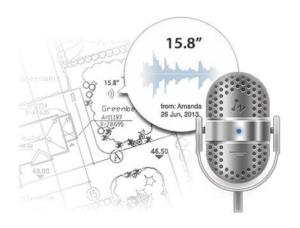
SmartMouse

Trigger commands by mouse gesture



SmartVoice

Mark with voice annotation





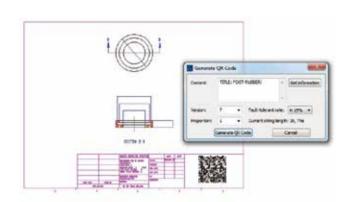
SmartSelect

Multi-filter for selection



Barcode & QR Code

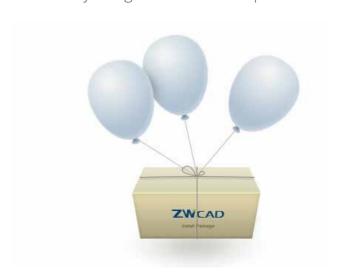
Convert text information as barcode or QR code and embed in the drawing



Lightweight

11

Smaller installation package and quicker start. Less memory usage and lower requirement on hardware



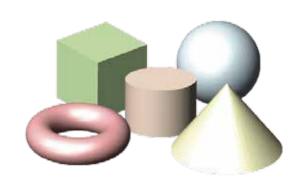


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3D Modeling

Modeling

Create and modify 3D model with solid, surface and mesh modeling tools



Visualizing

Set visual style like wireframe, hidden and shade, get a photorealistic view with rendering



Viewing

View freely with 3D Orbit, and get offset or perspective view with camera target simulation



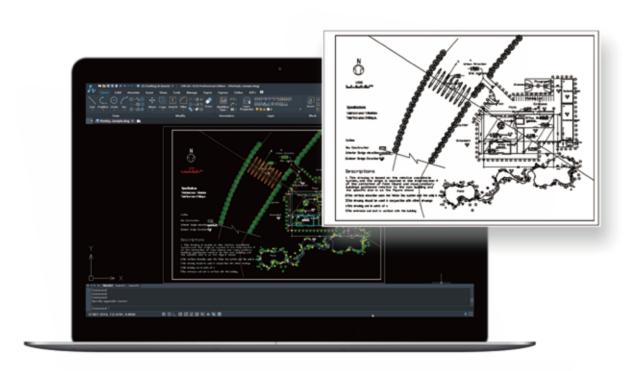




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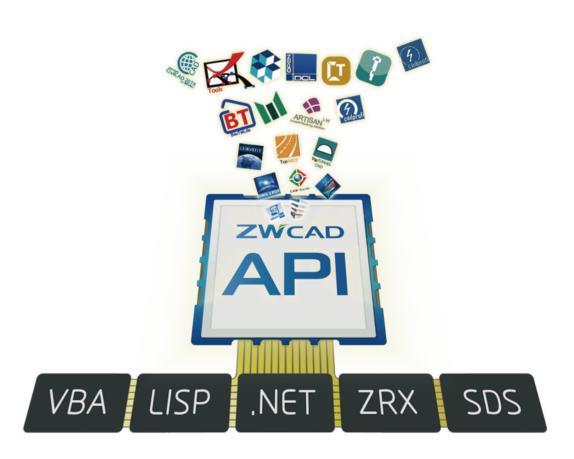
Output & Share

- Print with STB/CTB plot style
 Assign how things print such as color, lineweight and linetype etc
- Print or publish in other formats
 Output DWG drawings to other formats for sharing



Industry Solutions

• Code-level compatible API, easy to migrate





From Desktop To Mobile

• ZWCAD provides a mobile solution – CAD Pockets, with which you can freely work on your desktop and on the go.



ZWCAD vs ACAD

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See How CAD Experts & Users Comment On ZWCAD



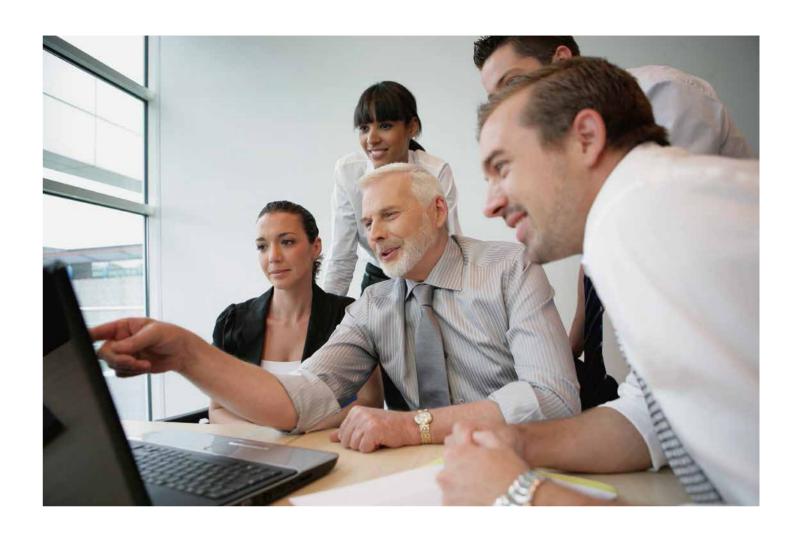
• Ralph Grabowski | Managing Editor of Tenlinks.com

"I sometimes consult on compatibility for competitors to Autodesk, and from this I have a collection of tough drawing with which test DWG files. Here ZWCAD scored excellent, displaying every test drawing correctly."



• William Forty | CAD Expert in Mechanical and Civil Engineering

"I have never seriously considered changing my application to an alternative, but with the impressive compatibility and development API, and its product quality, I will most certainly be considering ZWCAD, when I want to upgrade next."





• Francisco Silva | Engineering Designer

"ZWCAD has impressed me with its easeof-use and accessibility to files. It's pretty intuitive and has all processes guiding users how to use the tools."



• Daniel Dobrzynsk | Certificated Autodesk Trainer

"Should a reduction in the processing time of drawings be important, then the new tools in ZWCAD like SmartVoice, dynamic blocks, and CUI will be a great contribution."



• Ray Howard | CEO of CAD2BIM

"With the combination of ease of use, DWG native format, feature rich commands, user interface, and affordable price point of ZWCAD, it's looking like I may have just turned the corner and freed myself from an old way of thinking."



• Joris Maes | Experienced AutoCAD Designer

"The drawings are perfectly compatible in ZWCAD. I have made changes in drawings and saved them in ZWCAD, which were made in AutoCAD, and vice versa. Besides, AutoCAD.NET applications can be easily used in ZWCAD."