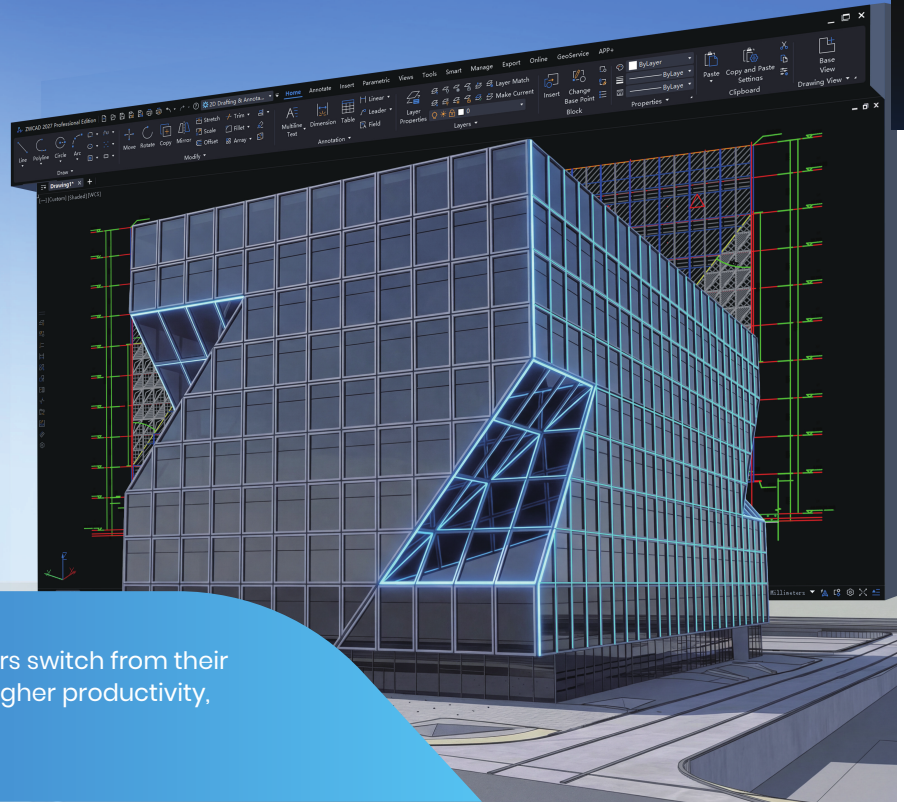


ZWCAD

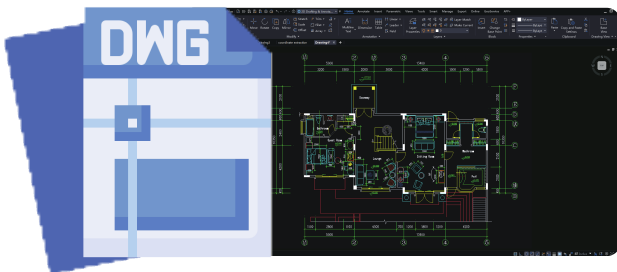
Create Amazing Things

With native .dwg compatibility, ZWCAD helps customers switch from their current CAD with less disruption, better cost control, higher productivity, and easier participation in BIM workflows.



Switch Smoothly, With Less Risk

With native .dwg compatibility, ZWCAD enables teams to adopt a new CAD platform without interrupting existing work.



Control Costs Better Over Time

ZWCAD gives teams more control over how they invest in CAD software.



Flexible licensing - Choose between perpetual and term licensing based on business needs.



Network licensing - Supports centralized management and flexible allocation.



Friendly upgrade policies - Stay in control of total costs of ownership.

Improve Everyday Efficiency and Team Output



Renovation projects - Point cloud data import and efficient editing speed up as-built modeling and redesign.



Legacy drawing digitization - Vectorization tool and similar graphic search function improve reuse of archived drawings.



Quantity takeoff - Automatic area and perimeter calculations, object counting, and batch coordinate extraction - aggregate key data to reduce errors and rework.



Batch drawing output - Automated title block recognition, batch output, and smart drawing merging turn sheet-by-sheet work into a batch workflow.

Stay Connected to BIM Workflows

ZWCAD helps teams participate in BIM workflows without leaving the 2D environment they already know.



Participate in BIM workflows - ZWCAD supports IFC and RVT formats, view BIM models and 2D drawings in the same environment.



Accurate data extraction - Extract quantities and properties and export them as tables, providing accurate data for bidding and procurement.



Flexible BIM adoption - BIM participation without immediate new-platform transformation.

ZWCAD

Create Amazing Things

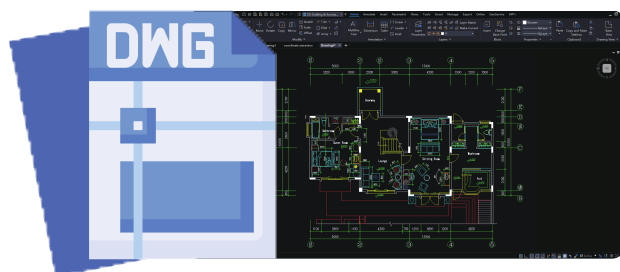
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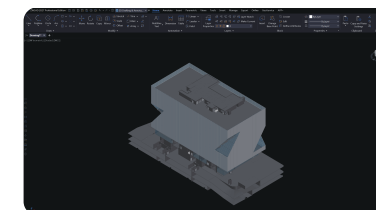
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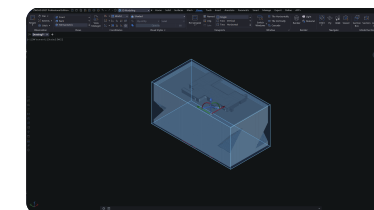
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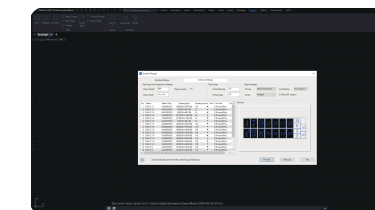
RVT Import

Supports importing RVT files (versions 2015-2025), retains partial model properties, and allows model management via the layer manager.



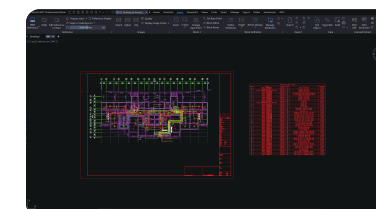
Section View

Supports browsing 3D models by sectioning them in the form of box and plane.



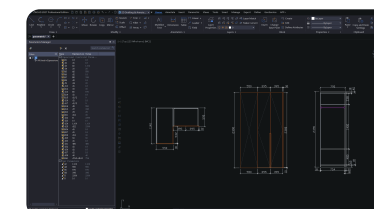
Smart Merge

Supports horizontal/vertical arrangement with auto-wrap and optimal frame-matching calculation to quickly organize multiple drawings into a single orderly sheet.



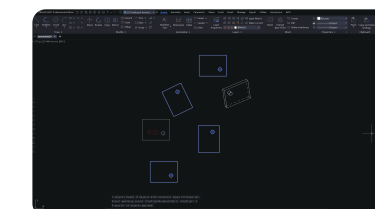
Data Extraction

The data extraction process has been restructured to support batch extraction from multiple files, more objects and properties, and reusable templates, significantly improving overall efficiency.



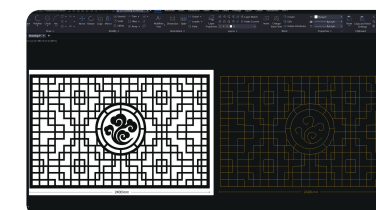
Parametric Design

Add geometric and dimension constraints to entities for quick size and shape adjustments, making design changes and drawing reuse easier.



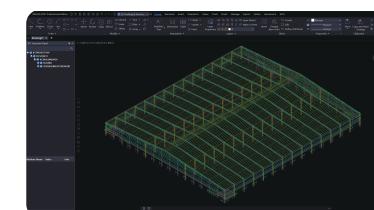
Smart Match

Automatically identify identical shapes and support batch editing to improve drawing editing efficiency, reducing manual effort significantly.



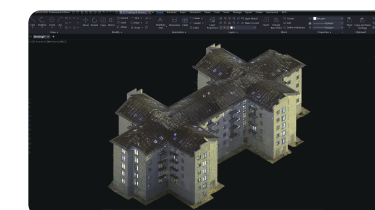
Vectorization

ZWCAD offers the ability to convert scans of old plans and raster graphics into editable vector graphics.



IFC Import, Edit, Export

Enhanced IFC format support enables component filtering for import and custom attribute export, combined with structure tree intelligent retrieval and reference attachment.



Point-Cloud

Thanks to efficient hardware utilization, ZWCAD can import and edit large Point Cloud models. Editing tools allow users to automatically create drawings, edit visual styles and change the LoD.

Trusted by over 1.4 million professionals



About ZWSOFT

Since 1998, ZWSOFT has relentlessly pursued its mission to provide professional and affordable all-in-one CAx (CAD/CAE/CAM) solutions to architects, designers, and engineers worldwide, fostering a future of sustainable innovation.

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