

About ZWCAD

ZWCAD is a cost-effective, DWG file format compatible CAD solution developed by ZWCAD Design Co., Ltd.. It provides innovative, collaborative and customizable features for engineers in the AEC and MCAD industries, easing their design process. Now ZWCAD is a proven CAD solution for users across 80 countries.

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.

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ZWCAD

THEY RELY ON ZWCAD



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01 Section

PRODUCT DESIGN & MANUFACTURING

Product Design & Manufacturing is the general engineering art of designing products in such a way that they are easy to manufacture. Most of the product lifecycle costs are committed at design stage. So choosing a fully functional design software can greatly improve their project efficiency.

DELTAMARIN POLAND CHOOSES ZWCAD FOR MORE EFFICIENT VESSEL DESIGNS

02

Challenge:

- Flexible licensing system to ensure easy access to the software
- Simplify the design process to improve working efficiency
- Shorter development cycle to save on design duration and cost

Solution:

- Offered both stand-alone and network licensing with soft-key and dongle authorization, and enabled easier floating licenses or borrowable licenses from the server
- Developed a wealth of advanced tools to speed up project delivery and make complex designs easier

About Deltamarin Poland

Deltamarin Poland specializes in consulting, design and engineering ranging from small concept development tasks and studies to complete engineering packages in the marine field. They keep up with the latest development of CAD software to support effective project execution and to achieve the optimal end result, reflecting their commitment to combining cost-efficiency with sustainability.



Profile:



Company: Deltamarin Poland

Country: Poland

Industry: Shipbuilding

Website: www.deltamarin.com





U-SMD SELECTED ZWCAD TO STAY AHEAD OF THE SWITCHBOARD MANUFACTURING COMPETITION

03

Challenge:

- Stable and fast design environment to ensure non-stop operation throughout the day
- More advanced features to address increasingly complex design needs
- Multi-version compatibility to eliminate time-consuming data conversion
- Data recovery function to minimize the risk of data loss

Solution:

- Enabled users to open and edit any large drawings with memory usage reduced by 50%
- Provide advanced features, such as SmartVoice, to help get the job done with less effort and time
- Fully compatible with other mainstream CAD formats such as DWG/DXF 2013 and DWF
- Provided Drawing Recovery that helps backup files after a program or system failure

About U-SMD

Established in 1995, U-SMD is one of the first switchboard enclosure manufacturers to have obtained the ISO 9002 certification in Thailand. With more than 15 years experience in switchboards design and assembly, their production capacity has reached 3000 cubic tons/year.

Profile:

U-SMD

Company: U-SMD Co.,Ltd.

Country: Thailand

Industry: Switchboard Manufacturing

Website: www.u-smd.com



ADVANEX SELECTS ZWCAD FOR PRECISION SPRING DESIGN PROJECTS

04

Challenge:

- Extensive format compatibility to allow for extensive collaboration
- Effective tools to produce precision designs
- Simple and efficient layout to improve the speed and efficiency of the design process

Solution:

- Offered improved compatibility with DWG, DWF and DWT, as well as many other mainstream CAD formats
- Introduced Dynamic Block and Smart Series, making it easier to undertake complex design tasks
- Removed unnecessary and unused tools to make the layout clearer and easier to use

About Advanex

Started by Advanex (Singapore) Pte. Ltd. formerly known as Kato Spring (Singapore) Pte. Ltd., is a wholly-owned subsidiary of Advanex Inc in Japan, a mainboard listed company on the Tokyo Stock Exchange. Incorporated in 1978, Advanex (Singapore) which is a leading manufacturer of precision springs is now the regional headquarter to Advanex (Thailand) and Advanex (Shanghai).



Profile:



Company: Advanex

Country: Thailand

Industry: Metal Manufacturing

Website: www.advanex.co.th



OPTIMATIC SOLUTIONS CHOOSE ZWCAD FOR ITS EFFICIENT TOOLS AND FUNCTIONS

05

Challenge:

- Wide range of functions to improve efficiency
- Effective tools to ease revision and reduce duplication of effort
- Ability to handle large drawings over 100MB comfortably with no lag

Solution:

- Offered many tools and features that improve the ability of users to customize commands and undertake tasks effectively
- Introduced Associative Dimensions and External References, allowing revisions to be synchronized across the entire drawing
- Contains efficient memory optimization technology, meaning large files do not affect the computer's speed

About Optimatic Solutions

Established in 2005, Optimatic Solutions is a leading specialist in design, engineering and consulting for the Romanian oil and gas industry. Their main focus is the oil coating process in fields including pipeline, automations, electrical, civil and fire risk studies.

Profile:



Company: Optimatic Solutions

Country: Romania

Industry: Oil and Gas

Website: www.optimaticsolutions.ro



CSR CORPORATION CHOOSES ZWCAD TO DESIGN WORLD-CLASS TRANSIT VEHICLES

06

Challenge:

- Seamless compatibility integrated with other manufacturing systems
- The ability to deal with long-term, high-intensity, continuous design tasks
- Easy-to-deploy API that allows for industrial applications to port without any problems

Solution:

- Offer powerful format and API compatibility to accelerate and advance the integration process
- The latest memory optimization technology allows ZWCAD to run effectively with minimum memory, even after long hours of use
- Provides professional technical support that helps customize ZWCAD based applications

About CSR Corporation

Founded on December 28, 2007, CSR is a limited liability company promoted by CSR Corporation in association with Beijing Railway Industry Economic and Trade Company with the approval of the State Council and the State-owned Assets Supervision and Administration Commission of the State Council SASAC.



Profile:




Company: CSR Corporation Limited

Country: China

Industry: Transportation

Website: www.csrgc.com.cn



A photograph of a man and a woman wearing blue hard hats and yellow safety vests, looking at a large set of blueprints on a construction site. In the background, a red tower crane is visible against a blue sky with white clouds. A semi-transparent dark grey box is overlaid on the right side of the image, containing the section header and a paragraph of text.

02 Section

ARCHITECTURE, ENGINEERING AND CONSTRUCTION

The fact that three different but related industries make up the AEC industry complicates industry standards. Each component of the building process individually covers an extensive area, which makes it difficult to streamline the standards between these separate components. So choosing a CAD software with powerful compatibility and easy collaboration process is particularly important.

CASAIS GROUP SELECTS ZWCAD FOR REAL ESTATE AND ARCHITECTURAL PROJECTS

08

Challenge:

- Flexible large drawing support to handle sophisticated architectural tasks
- Strong format compatibility to ensure design accuracy and enhance team productivity
- Quick and correct quotations to increase the probabilities of gaining more work

Solution:

- Offered new memory optimization technology to enable smooth opening and editing of large drawings
- Supported mainstream file formats such as DWG, DWF and DWT to make cross-platform communication easier
- Developed customized tools to quickly measure bill of materials, directly which affects the success of the whole company

About CASAIS Group

CASAIS Group is a famous Portuguese enterprise with a history of more than 50 years in real estate, environmental, energy, tourism, industrial and commercial sectors. Aiming to better address today's business challenges, they always stay abreast of evolving trends in domestic and international markets, keeping its leading position in AEC industry worldwide.

Profile:



Company: CASAIS Group

Country: Portugal

Industry: Architecture

Website: www.casais.pt



ZWCAD AND OASRN ENTER INTO STRATEGIC COOPERATION

09

Challenge:

- Strong format and operating system compatibility to ensure design accuracy and enhance team productivity
- Sufficient essential productivity tools in CAD drawing to empower design tasks
- Fast processing speed in dealing with large drawings

Offer:

- Supported mainstream file formats such as DWG, DWF and DWT to make cross-platform communication easier
- Featured more essential and useful productivity tools
- Offered new memory optimization solution to guarantee smooth and stable opening and editing of large drawings

About OASRN

OASRN is a public Portuguese association for the profession of architect and architecture. It is responsible for certifying the registration of architects and granting the professional title of architect in the northern area of Portugal. OASRN also represents some of the most reputed architects in the world including two Pritzker Award (The Nobel Prize in architecture) winners.

Profile:



Company: OASRN

Country: Portugal

Industry: Architecture

Website: www.arquitectos.pt



OUTSTANDING PRODUCT PERFORMANCE LEADS ZAMIL TO ZWCAD

10

Challenge:

- Strong compatibility to give them direct access to mainstream CAD formats
- Familiar interface to eliminate relearning cost when making a CAD switch
- Cost-effective CAD software that incurs less financial and time investment to further boost profitability

Solution:

- Supported DWG/DXF 2013 and DWF files which helps streamline project workflows and reduce the potential for data loss
- Provided a familiar Ribbon Interface to make design tasks extremely intuitive and efficient
- Offered a favorable price and professional technical support to reinforce their leading industrial position

About Zamil

Zamil Industrial is a leading manufacturing and fabrication group that provides products, engineering systems and services for the construction industry. It was established in 1998 in Dammam, Saudi Arabia and sells its products in more than 90 countries with manufacturing facilities in Saudi Arabia, United Arab Emirates, Egypt, India, Vietnam and Italy.



Profile:



Company: Zamil Industrial Investment Co. (Zamil Industrial)

Country: Saudi Arabia

Industry: Building & Construction

Website: www.zamilindustrial.com



EURONED ENGINEERING CHOOSES ZWCAD TO IMPROVE OFFSHORE WORKFLOW EFFICIENCY

11

Challenge:

- The need to handle large drawings with minimum memory usage
- The ability to frequently change the design, quickly and efficiently
- Strong compatibility with a variety of image formats including raster images

Solution:

- Allowed the quick opening and editing of large, complex drawings, whilst minimizing memory usage to reduce the effect on processing speed
- Associative Dimension allows users to revise drawings efficiently, with many aspects of the drawing changing with the change of one certain block
- Allowed users to insert and edit large raster images smoothly in many formats such as BMP, TIFF, GIF and JPEG

About Euroned Engineering

Euroned Engineering is a member of Upetrom Group, which renders offshore drilling and construction services, subsea services, hydro-technical construction services, well services, engineering and training through Grup Servicii Petroliere, and coordinates the production of oilfield equipment.

Profile:



Company: Euroned Engineering

Country: Romania

Industry: Offshore Engineering

Website: www.euronedeng.com



ZWCAD CONVINCED WISCO WITH GREAT COMPATIBILITY AND CUSTOMIZED SERVICE

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Challenge:

- Customized solution to enhance the quality and efficiency of internal operations
- Solid format compatibility to handle different levels of CAD usage in over 50 departments and partners
- Cost-effective CAD software to help maintain competitive advantage in the global market

Solution:

- Developed a detailed and customized solution that optimizes collaboration with improved connectivity
- Enabled a seamless and stable design experience by offering extensive compatibility with most mainstream CAD format
- Covered 90% of the most frequently used features, at a fraction of the cost of other mainstream CAD software

About WISCO

Established In 1955, it has become a backbone state-owned enterprise, WISCO has developed a full set of advanced iron and steel production processes and equipments for mining, coking, steel-making, iron-making, rolling and supporting auxiliary facilities. In 2010, WISCO realized total operating income of 190.7 billion Yuan and total assets of 203.8 billion Yuan, ranking 340th among the Fortune 500 companies.



Profile:



Company: WISCO (Wuhan Iron and Steel Group)

Country: China

Industry: Steel Manufacturing

Website: www.wisco.com.cn



CARDNO CAMINOSCA / SELECTED ZWCAD FOR HYDRAULICS AND STRUCTURE PROJECTS

Challenge:

- Data recovery function to minimize the risk of data loss
- Simplify the design process to improve working efficiency

Solution:

- Provided drawing recovery that allows users to return to a specific period in the design process
- Convenient user interface with customized features allowing users to find the most used commands

About Cardno Caminosca

Founded in 1976 in Ecuador, Cardno Caminosca offers a wide range of engineering and environmental services founded on cutting-edge methodologies and technical processes and has a good reputation in Latin America.



Profile:



Company: Cardno Caminosca

Country: Ecuador

Industry: Engineering Design

Website: cardnocaminosca.com



MP INGENIEROS SELECTED ZWCAD FOR HIGHER CONSTRUCTION PROJECT OUTCOMES

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Challenge:

- Fast command to speed up project with fewer lags
- Easy revision to eliminate duplication of effort and rework
- Flexible handling of large drawings over 100MB
- High-level API to allow easy VBA application porting

Solution:

- Enabled users to open and edit any large drawings with memory usage reduced by 50%
- Provided intelligent annotation features, which can automatically adjust along with the geometric objects to simplify revision process
- Provided a solid API environment for users who want to port or customize applications

About MP Ingenieros

Founded in 2002, MP Ingenieros provides consulting services for structural calculation, residential, commercial, industrial and institutional building projects. It also develops software for specific applications and provides project inspection and administration services.

Profile:




Company: MP INGENIEROS LTDA.

Country: Chile

Industry: Construction

Website: www.mpingenieros.cl



A photograph of four students in a classroom or computer lab. They are seated at desks, looking at computer monitors. The student in the foreground is a young man with brown hair, wearing a striped shirt, holding a red pen. Behind him are a young man with blonde hair, a young woman with glasses, and another young man with dark hair. The background shows window blinds.

03 Section

EDUCATION

The manufacturing, architectural, mechanical and engineering designs each have well established educational requirements that are usually fulfilled by completion of a university program. In some university, students are required to concentrate on one of the CAD systems. Easy-to-use CAD software can help students speed up their learning process.

ZWSOFT ACHIEVES NEW MILESTONE BY FULLY COOPERATING WITH KYUNGIL UNIVERSITY

16

Challenge:

- A full CAD/CAM solution to support mechanical and architectural education
- Latest CAD software to help students stay competitive in the global labor market
- Long-term cooperation to provide consistent assistance to improve the quality of education

Solution:

- Offered the latest ZWSOFT products to enable students to experience the same design process as professionals worldwide
- Provided professional support and constructive suggestions to turn ideas into reality
- Offered internship opportunities to KIU students to put their theoretical knowledge into practice

About Kyungil University

Kyungil University specializes in mechanical, construction and automotive engineering, after about five decades of development, they have succeeded in a hands-on-focused educational process, contributing approximately 60,000 graduates fully equipped to satisfy various requirements in actual business situations.

Profile:

School: Kyungil University

Country: Korea

Industry: Education

Website: www.kiu.ac.kr



WSFiZ SELECTED ZWCAD AGAIN FOR LARGER COURSE-APPLICATION SCALE DESIGNS

Challenge:

- Latest CAD software to help students stay competitive in the global labor market
- Consistent and stable assistance and service to push the quality of education to a higher level

Solution:

- Upgraded the latest ZWSOFT products to enable students to experience the same design process as professionals worldwide
- Provided professional and solid support and constructive suggestions to turn ideas into reality

About WSFiZ

WSFiZ is an university that occupies top positions in domestic rankings involving private higher educational establishments. It educates students of finance management who also need to take Construction as one of their courses. A great quantity of postgraduate students are the employees of municipal government departments and government administration.

Profile:

School: University of Finance and Management

Country: Poland

Industry: Education

Website: www.wsfiz.edu.pl



ZWCAD DEEPENS COOPERATION WITH ZSP NR 4 IN KROSNO

Challenge:

- Comprehensive features but easy-to-use to minimize relearning cost
- A full package of products that can be applied to multiple courses
- Stable cooperation to provide consistent assistance to improve the quality of education

Solution:

- Offered more advanced versions and improved the ease-of-use of products
- Provided both ZWCAD and ZWCAD Mechanical to enlarge the scale of applied courses
- Signed long-term agreement and provided consistent technical support

About ZSP nr 4 in Krosno

ZSP nr 4 in Krosno is one of the schools in Poland which prepares youths and adults for needs of gas industry companies in Poland and abroad. The graduates of their school work not only in Poland but also in Norway and in United Arab Emirates. The school is the only one in the south of Poland in gas industry and drilling.

Profile:

School: ZSP nr 4 in Krosno

Country: Poland

Industry: Education



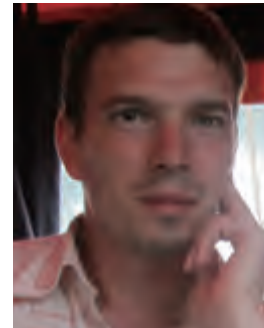
EXPERT AND USER VOICE

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**CEO of CAD2BIM Solutions
Ray Howard**

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



**Experienced AutoCAD Designer
Joris Maes**

"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."



**Engineering Designer
Fancisco Silva**

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



**Certificated Autodesk Trainer
Daniel Dobrzynsk**

"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."

* To see all the expert reviews on ZWCAD,
please visit http://www.zwsoft.com/zwcad/expert_reviews

EXPERT AND USER VOICE

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**Manager of Capstone's CAD Division
Jeffrey Heimgartner**

"I am totally impressed by the ease-of-use which allows me to freely use it once I start. The cost-effectiveness, ease of installation, and ability to run on something less than a very expensive workstation are definitely driving designers to choose it."



**CAD/GIS Developer
Rakesh Rao**

"I tried a couple of satellite imagery ECW files to see how raster image files are handled in ZWCAD. Pretty good, I would say. Pan performance was acceptable and vector data overlaid on the image handled well."



**CAD Expert in Mechanical
and Civil Engineering
William Forty**

"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."



**Managing Editor of Tenlinks.com
Ralph Grabowski**

"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."

* To see all the expert reviews on ZWCAD,
please visit http://www.zwsoft.com/zwcad/expert_reviews