



Efficiency Boost: How Allied Engineers Integrated ZWCAD for Better Design



INDUSTRY

Architectural, Engineering, and Construction Design Services

PRODUCTS

Comprehensive construction design services, specializing in the planning and execution of complex infrastructure and commercial building projects

WEBSITE

<https://www.alliedengineers.ro/>

❓ CHALLENGES

- Difficulty in meeting ambitious design efficiency goals with previous software
- Limited detailing precision, affecting the accuracy and quality of complex designs
- Time-consuming project completion, leading to delays in delivering results to clients

💡 SOLUTION

ZWCAD

✅ RESULTS

- Improved design efficiency, reducing design time and enhancing overall project completion rates
- Enhanced detailing accuracy, leading to higher-quality and more precise construction designs
- Streamlined design processes, enabling faster project completions and boosting client satisfaction

Founded in 2003, Allied Engineers is a Romanian industry-leading construction design company with an in-depth know-how of the industry and digital solutions. Known for their work with leading clients like Vastint, NTN SNR, Ramada, IKEA, CHS Silotrans, P&G, and more, Allied Engineers excels in managing complex construction and infrastructure projects, always delivering exceptional value to their wide range of clients and partners.



Figure 1. High-rise Commercial Building Designed by Allied Engineers

Driven by their relentless pursuit of delivering

superior service to clients, Allied Engineers constantly sought ways to elevate their design efficiency and precision. This commitment to excellence motivated them to explore the most fitting CAD software that could enhance their operational performance. Their quest for improvement was not just about maintaining industry standards but setting new benchmarks, which ultimately guided them to the adoption of ZWCAD as a strategic solution to fulfill their ambitious goals in 2018.

The transition to ZWCAD was seamlessly executed, facilitated by its user-friendly interface and efficient performance, alongside expert guidance and crucial support from Niculae ION at ZWCAD DISTRIBUTION SRL., the ZWSOFT reseller in Romania.

Efficiency Unlocked: ZWCAD's Impact on Design Time

The adoption of ZWCAD marked a significant improvement in design efficiency. Project Manager

Adriana Stefan reflecting on this positive change, states, "We reduce time for design with ZWCAD's advanced performance, thereby enhancing our efficiency on a remarkable scale." Using ZWCAD has allowed Allied Engineers to streamline their design processes, achieving faster project completions.



Figure 2. The staff of Allied Engineers working together

Detailing Excellence: ZWCAD's Role in Project Enhancement

Beyond time savings, ZWCAD has notably improved the quality of output. Lead Engineer Cristian Andone highlighted the advantages in this regard, "ZWCAD helps us a lot in detailing our projects, ensuring precision and quality." This move has empowered Allied Engineers to enhance the detail and accuracy of their designs, meeting their high-quality standards.

The meticulousness introduced by ZWCAD in project

detailing has brought significant advantages to clients, delivering complex construction elements with heightened accuracy. This fostered better collaboration with stakeholders and bolstered Allied Engineers' reputation for delivering dependable and high-quality construction designs.

Future Vision: Building on a Foundation of Success



Figure 3. Residential Building Designed by Allied Engineers

With ZWCAD as a key driver of their ongoing success, Allied Engineers remains at the forefront of the construction design industry in Romania. The enduring partnership exemplifies their commitment to excellence and customer satisfaction, setting the stage for future industry-leading innovations and achievements. Looking forward, Allied Engineers is committed to continuing to leverage cutting-edge technologies to pioneer new standards in construction design and project execution.

ZWSOFT

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