

timber construction

Munich - ALLPLAN, global provider of BIM solutions for the AEC industry and part of the Nemetschek Group, and Dietrich's, innovation leader in the field of computer-aided timber construction, have announced a strategic partnership. The aim of the cooperation is to drive the digital and sustainable transformation of the construction industry and to make timber construction more efficient and cost-effective.

The collaboration between ALLPLAN and Dietrich's enables end-to-end digital workflows: from the design of timber houses to the automated prefabrication of building elements. Both companies are thus responding to the growing demand for industrialized construction, the use of renewable raw materials and the reduction of material consumption. *"Cost-effective residential construction in timber construction is an answer to key issues facing our society in the future. The BIM-based integration with Dietrich's creates maximum efficiency and speed in the implementation of timber construction projects,"* says Eduardo Lazzarotto, Chief Product & Strategy Officer at ALLPLAN.

Thomas Seidler, Managing Director of Dietrich's, adds: *"We are delighted to offer architects, structural engineers and the construction industry a seamlessly integrated solution for timber construction. This will increase our competitiveness in the field of industrialized construction with wood, one of the most important future markets in the construction industry."*

BIM and timber construction: a powerful combination for greater efficiency

The core of the partnership is the integration of the ALLPLAN BIM solution with Dietrich's timber construction software. This combination enables optimized planning for wall, ceiling and roof elements, which are seamlessly transferred to the automated file-to-factory process. Designers benefit from an end-to-end workflow and gain earlier access to information relevant to execution.

Integrated platform for industrialized timber construction

In practical use, design professionals use ALLPLAN to create a comprehensive design model in an urban planning context. The timber elements are then

transferred to Dietrich's, where structural calculations, detailing and production planning are carried out on a model-based and highly automated basis. Work planning is coordinated via the *BIMPLUS* collaboration platform. There, the detailed timber construction models are coordinated with the design of other trades before they are transferred to automated prefabrication. Dietrich's users benefit from a powerful BIM viewer that enables detailed visualization and analysis of IFC models. This optimizes the BIM workflow, increases data quality and improves collaboration. The use of modern cloud technology makes communication more efficient - instead of cumbersome email correspondence, the exchange takes place centrally via a BIM server with powerful collaboration functions.

This partnership sets new standards for efficient, sustainable construction with wood and is a key driver of digitalization in the construction industry.

About the Nemetschek Group

The Nemetschek Group is a globally leading provider of software for digital transformation in the AEC/O and media industries. Its intelligent software solutions cover the entire life cycle of construction and infrastructure projects and allow creatives to optimize their workflows. Customers can plan, construct, and manage buildings and infrastructure more efficiently and sustainably, and develop digital content such as visualizations, films, and computer games in a creative way. The software company drives new technologies and approaches such as artificial intelligence, digital twins, and open standards (OPEN BIM) in the AEC/O industries to increase productivity and sustainability. We are continuously expanding our portfolio, including through investments in disruptive start-ups. More than 7 million users are currently designing the world with the customer-focused solutions of our four segments. Founded by Professor Georg Nemetschek in 1963, the Nemetschek Group today employs around 4,000 experts.

The company, which has been listed in the MDAX and TecDAX since 1999, achieved a revenue of EUR 851.6 million and an EBITDA of EUR 257.7 million in 2023.

Contacts

ALLPLAN

Janet Kästner

Senior PR & Marketing Professional

Allplan

jkaestner@allplan.com

+49 89-92793-1301