CORPORATE NEWS

**ALLPLAN 2025: Revolutionizing Design and Construction with AI-Powered Tools and Real-Time Collaboration**

***Seamless and innovative workflows for substantially increased productivity across all disciplines***

Munich, October 14, 2024 – ALLPLAN has launched its latest version of BIM software, setting a **new standard in design and construction workflows**. ALLPLAN 2025 introduces advanced features that empower architects, engineers, fabricators, and construction professionals to work more efficiently and collaboratively than ever before. With powerful **AI-driven visualization, automated design tools, and seamless real-time collaboration**, the software offers significant productivity gains and enables teams to deliver high quality projects with superior precision. By streamlining processes and improving interdisciplinary coordination, ALLPLAN 2025 paves the way for a **new era of innovation in the AEC industry**.

The construction industry is facing increasing demands for faster, more efficient processes, driven by labour shortages and rising costs. In response, ALLPLAN 2025 offers automated workflows, real-time data access, and enhanced collaboration to help maintain competitiveness and deliver more successful projects. “*ALLPLAN 2025 is a game changer for AEC professionals delivering innovative design-to-build workflows and real-time collaboration that significantly increase productivity. Our AI-driven and automated tools not only save time, but also enhance the quality and creativity of projects, fostering true collaboration and innovation”,* said Eduardo Lazzarotto, Chief Product & Strategy Officer at ALLPLAN.

From AI-driven visualization for architects to advanced reinforcement modeling for civil engineers, ALLPLAN 2025 ensures seamless, efficient workflows across all disciplines. Here are some key features for various AEC sectors:

**Highlights for Building Design**

ALLPLAN 2025 introduces **AI-powered visualisation workflows** to support the idea generation process. With the AI Visualizer tool, visualizations can be created in seconds without additional costs or hardware limitations, as the images are generated in the cloud. The new tool provides inspiration in the early and later design stages and is suitable for visualising both exterior and interior architecture.

ALLPLAN 2025 also brings substantial improvements to BIM workflows. A new **ceiling system tool** accelerates the modeling and management of suspended ceilings, making it easier to coordinate and visualize building services such as lighting, smoke detectors, and ventilation systems. For projects with complex components, the **enhanced multilayer slabs feature** simplifies the design, planning, and modification of multi-layer slabs, allowing to easily meet the requirements of different project phases.

Designers are always looking for content to optimize their model and design quality according to the latest standards. To support this task, an **enhanced Content Connector** now offers integration of the comprehensive 3DFindit platform from Cadenas.

**Highlights for Engineering**

The latest version of ALLPLAN 2025, further enhances the software's multi-material capabilities, providing users with more efficient modeling and detailing tools.

The ability to automatically place **reinforcement along any surface,** eliminating the need to model each bar individually, is a significant time saver for structural engineers. The freeform reinforcement functionality works for 3D freeform geometries as well as slabs and walls. Daniel Bacon, managing director of gbc engineers, comments: *“ALLPLAN 2025’s enhancements in automated reinforcement placement will further reduce design effort.”*

**AutoConverter** is a service hosted in the ALLPLAN Cloud via BIMPLUS that can create structural models from 3D geometric models and export them to a wide range of structural analysis solutions. The enhanced version of AutoConverter now supports the handling of curved beams, both in-plane and out-of-plane. This is useful for architecturally challenging structures with multiple curved elements.

The modeling of **steel connections** has been further enhanced to improve the user experience and enable compliance with Eurocode 3. This provides better integration with SDS2 for connection design, detailing and fabrication.

The merger of ALLPLAN, FRILO, and SCIA has created new opportunities for structural engineers and reinforcement detailers to work closely together. As a **technical preview**, ALLPLAN 2025 introduces the ability to **transfer reinforcement parameters**, such as the number and diameter of longitudinal reinforcement and the diameter and spacing of stirrup reinforcement, from the FRILO B5+ column program to the automatic column reinforcement in ALLPLAN 2025.

**Highlights for Infrastructure**

The enhanced Allplan Bridge functionality is now included in the **newly formulated ALLPLAN Civil edition**, which enables the design of bridges as well as all types of civil structures.

A **new parametric reinforcement modeling approach** allows users to easily define multiple reinforcement shapes for civil structures, streamlining workflows and increasing productivity and accuracy. Ciprian Popa, founder of StructuralGlass.org, adds: *"The parametric reinforcement modeling approach in ALLPLAN 2025 significantly streamlines workflows, increasing both productivity and accuracy. It is a decisive step towards greater automation in design and construction".*

An entirely **new design to build workflow for precast girder bridges** with automated processes is enabled, and better project handling and data management is achieved through improvements to navigation trees. Improved parametric intersections and digital terrain modeling enhancements support superior road design.

By using **predefined templates for common design elements** in the latest release, engineers can quickly create detailed models and ensure consistency across projects. This approach not only streamlines workflows, but also allows for easy updates and adjustments, increasing overall accuracy and productivity.

**Highlights for Fabrication and Construction**

ALLPLAN 2025 enables design to build workflows for superior **coordination of multi-materials requirements** based on different types of construction processes.

For the precast industry, precast detailers and fabricators, ALLPLAN continues to converge technology and improve workflows. The enhanced **Precast Data Validator** is a key tool for minimizing errors in precast design and detailing. It enables the production of high quality, error-free precast concrete elements, so users can rely on the model for correct data.

There is now improved handling of textures in **views and sections** for consistent output, i.e. optimal plans and layouts. For precast parts, ALLPLAN users will benefit from improved usability and time savings through unified views and sections that can be used for multiple materials.

In ALLPLAN 2025, the **excavation modeler** has been updated to allow users to create soil layers and individual reports for smaller excavations. In addition, the **formwork planning add-on** allows automatic assignment of formwork wall elements. The **Peri Maximo** formwork system has now also been added.

**Platform Highlights**

ALLPLAN 2025 delivers collaborative design to build workflows through ALLPLAN Cloud services, the robust solution designed for use and interaction with multiple disciplines across the AEC industry. An example is the new **workflow with Bluebeam Studio**, allowing users to easily bring documents from the Bluebeam Studio Project environment into their ALLPLAN workflows. This provides users with a digital delivery environment for handover at different project stages to synchronize 3D and 2D data and exchange it with project stakeholders.

Furthermore, the **navigation logic has been improved**, allowing for easier rotation, zooming, and orientation in both 3D and 2D modeling spaces. This update aims to enhance the navigation experience and productivity for architects and engineers.

**Availability**

ALLPLAN 2025 as well as the free 14-day trial version are now available for download.

**More information:** <https://www.allplan.com/allplan2025>

**Press Images:**

|  |  |
| --- | --- |
|  | **Ein Bild, das Text, Screenshot, Software, Grafiksoftware enthält.  Automatisch generierte Beschreibung** |
| *The AI Visualizer provides inspiration in the early stages of design by testing different architectural styles, and in the later stages of design by visualising furniture and materials. Copyright: ALLPLAN* | *The new free-form reinforcement tool in ALLPLAN 2025 can be used to create 3D freeform geometries, as well as slabs and walls. Copyright: ALLPLAN.* |
| **Ein Bild, das Text, Screenshot, Software, parallel enthält.  Automatisch generierte Beschreibung** | **Ein Bild, das Screenshot, Text enthält.  Automatisch generierte Beschreibung** |
| *The Data Validator is responsible for ensuring that a macro has been incorporated into the design of each opening and that fixtures are correctly positioned within the precast element. Copyright: ALLPLAN* | *The AutoConverter is a service hosted in the ALLPLAN Cloud via BIMPLUS that enables the creation of structural analysis models from 3D geometric models. Copyright: ALLPLAN* |

**ALLPLAN GmbH**

Konrad-Zuse-Platz   
181829 Munich

**Press contact**

Janet Kästner

Phone +49 (0)89-92793-1301

jkaestner@allplan.com

**About ALLPLAN**

ALLPLAN is a global provider of AEC software with BIM solutions for architecture, structural engineering, detailing, fabrication and construction. True to our “design to build” claim, we provide tools that enable earlier data-driven design decisions, support digital fabrication and leverage information throughout the entire construction process. Integrated cloud technology further optimizes interdisciplinary collaboration on building and infrastructure projects. Our innovative workflows empower architects, engineers, and construction professionals to deliver their projects more productively, safely, and eco-consciously.

Around the world, over 700 dedicated employees continue to write the ALLPLAN success story. Headquartered in Munich, Germany, ALLPLAN is part of the Nemetschek Group – a pioneer for digital transformation in the construction sector.

**Further information:** [www.allplan.com](http://www.allplan.com)