

CORPORATE NEWS

ALLPLAN announces Allplan 2019 for architects and engineers

New version of the BIM software with numerous new features and optimized BIM workflows

Munich, October 8, 2018 – Allplan 2019, the open solution for Building Information Modeling (BIM) for architects and engineers in building and infrastructure is now available. The new version contains numerous functions that support the creation of buildings and structures with high geometric complexity. It further simplifies cooperation between planning partners in BIM projects. Moreover, many detail improvements also ensure greater convenience and flexibility in work processes. The newly developed stair module for architects enables the modeling of complex stairs in a time-saving and precise manner.

"BIM is increasingly becoming the standard in the construction industry. Allplan 2019 provides architects and engineers with a BIM tool with which they can work together successfully at any stage of the BIM process," explains Richard Brotherton, Managing Director of ALLPLAN.

Allplan 2019 offers architects and engineers:

Improved teamwork for architects and engineers

› Allplan 2019 contains new views and sections for reinforcement detailing. With this development, write-access to the building model is no longer required when detailing reinforcement. This enables role-based access rights and facilitates collaboration between architects and engineers on the same project. For example, architects have write access for all components, engineers have write access for the reinforcement and read access for the components. This makes it possible to work on a common building model on an interdisciplinary basis.

Floor and level management for complex buildings

› In Allplan 2019, floor and layer management has been completely revised and expanded to include the layer manager palette. The palette facilitates the creation and modification of floors and levels. A preview function allows direct visual feedback on the planned changes. In addition, floors can be comfortably selected, and names or heights can be easily adjusted.

Optimized range of properties and objects

› With the new property palette, settings such as format, visualization and attributes for components such as walls, ceilings, foundations, roofs and rooms can be managed. The Object palette allows you to sort objects by their properties. Objects for which properties are missing, outdated or incorrectly assigned are easier to identify and correct, which contributes to the increased quality of the building model.

New features of the IFC4 interface

› IFC is the standard interface for openBIM projects. The latest version IFC4 represents a further improvement that enables the export of basic geometry information ("BaseQuantities") in BIM projects. In addition, the user interface has been simplified and new options integrated, including the ability to split multi-layered walls and roofs into individual elements.

Enhancement of user-defined roles in the Actionbar

› The Actionbar provides standard access to role-specific functions for architecture, civil engineering, terrain, construction and bridges. In the new version, standard settings can be individually adjusted, functions can be added, deleted or restructured. This makes the configuration much more flexible.

The most important innovations for architects:

Quick and easy stair modeling

› With the new stair modeler in Allplan Architecture 2019, stairs can be created quickly and easily. Staircase elements such as steps, substructure or stringers as well as properties can be defined with the aid of a separate palette. Axis, sections, steps or distances can be easily modified using handles. This allows a time-saving and at the same time precise modeling of stairs.

The most important innovations for engineers:

Allplan Bridge: Parametric Modeling of Tendons

› With the option Allplan Bridge for Bridge Engineers, presented for the first time in spring, tendons can now also be modeled parametrically. When changes are made to the model, the geometry of the tendons is automatically adjusted.

Integration of steel profile catalogs via Allplan Bimplus

› In Allplan Engineering 2019, users can access the internationally valid Nemetschek catalogs for steel profiles via Allplan Bimplus with just a few clicks to simplify workflows when handling steel elements. The steel profiles, including geometry and attributes, are

available in Allplan. Since these catalogs are also used in other Nemetschek software solutions such as Frilo Statik or Scia Engineer, a smooth data transfer between these products is possible.

Large selection of reinforcement sleeves

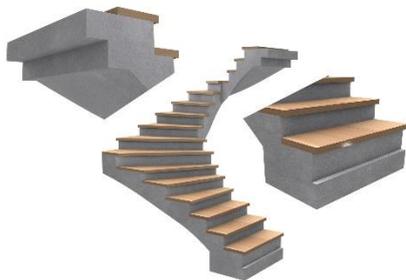
› In order to ensure precise dimensions in reinforcement planning, manufacturer-specific special features must be taken into account for reinforcement joints. In Allplan Engineering 2019, Fortec sockets and HALFEN HBS-05 screw connections were therefore added. In the event that the joint system to be used has not yet been defined, manufacturer-neutral joints have also been integrated.

Availability

Allplan Architecture 2018 and Allplan Engineering 2018 as well as the free 30-day trial version are now available for download.

More information: www.allplan.com/architecture or www.allplan.com/engineering.

Pictures:



With the new stair modeler in Allplan Architecture 2019, stairs can be created quickly and easily. Copyright: ALLPLAN



With the new property palette, settings such as format, visualization and attributes for components such as walls, ceilings, foundations, roofs and rooms can be managed. Copyright: ALLPLAN

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About ALLPLAN

ALLPLAN is a global developer of open solutions for Building Information Modeling (BIM). For more than 50 years ALLPLAN has pioneered the digitalization of the construction industry. Always focused on our clients we provide innovative tools to design, construct and manage projects - inspiring users to realize their visions. ALLPLAN solutions are being used by over 240,000 architects, engineers, contractors and facilities managers in 20 languages. Headquartered in Munich, Germany, ALLPLAN is part of the Nemetschke Group. Around the world over 400 dedicated employees continue to write the ALLPLAN success story.

For more details: www.allplan.com