SERVICE RELEASE

ALLPLAN 2021-1

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Allplan 2021-1 with new functions for provision of voids, reinforcement, bridges and the collaboration and data management platform Bimplus

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Allplan Delivers Automated Processes for the Design of Structures

Munich, April 15, 2021 – ALLPLAN, global provider of BIM solutions for the AEC industry, today introduced the **service release of Allplan 2021**. The latest version ensures that recurring processes such as **provision for voids, reinforcement or bridge design** are automated. This saves architects and engineers a lot of time and helps to avoid errors while ensuring a high level of precision. To make working on BIM models easier, new functions are available in the **data management platform Bimplus**, which can be used to further increase the planning quality in BIM projects.

"Automated processes ensure smooth workflows as well as time, cost, quality and lifecycle-optimised planning. Therefore, the improvement and simplification of work processes in the everyday design of architects and engineers is the focus of the latest Allplan update," says Kevin Lea, Senior Vice President Product Management at ALLPLAN.

At a glance - Allplan 2021-1 offers the following benefits:

Automated creation of provision for voids

With the Allplan 2021-1 release, architects can now complete their provision for voids in a fraction of the previous time because time-consuming, manual remodeling of slots and openings is no longer necessary. With the new functions, it is possible to automatically convert cut-outs from the building services model into breakthroughs and slots in walls, ceilings and floor slabs.

Automated reinforcement in the shortest possible time

Thanks to new parametric reinforcement objects and the combination of many individual work steps, Allplan 2021-1 considerably speeds up the reinforcement design of walls, beams and columns. Users can specify reinforcement rules with regards to minimum and maximum spacing, minimum diameter or permissible reinforcement ratio, and define offsets, connection reinforcement and different bracing areas. The automatic comparison of the design with the stored reinforcement rules helps to detect errors at an early stage. Finally, views and sections can be conveniently generated and placed. The planning of punching shear reinforcement is facilitated.

Improved interaction between Allplan and Allplan Bridge

Allplan Bridge now offers the option of placing intelligent objects (e.g. street lights, elastomeric bearings, bored piles, ...) at defined positions with correct alignment and predefined parameters. When the bridge model is transferred to Allplan, parametric objects (so-called PythonParts) with the predefined

properties are automatically placed at the corresponding positions. This significantly speeds up the generation of a detailed bridge model, including reinforcement if necessary. In addition, changes can be made particularly easily due to the parametric nature of these objects.

Improvements for handling the BIM model

Using the BIM Explorer, you can now upload your 3D models even faster and display them more realistically in the data management platform Bimplus. With the new measuring toolkit, you can increase the control and design quality of your building model. For a clearer overview, the document management in Bimplus has been optimized. You can now invite additional members with view-only rights, via the guest viewer, to facilitate your coordination processes and make important decisions earlier.

Availability

Allplan 2021-1 is available for download via the Auto Update function in Allplan or on Allplan Connect.

More information

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About the Nemetschek Group

The Nemetschek Group is a pioneer for digital transformation in the AEC industry. With its intelligent software solutions, it covers the entire lifecycle

of building and infrastructure projects and guides its customers into the future of digitalization. As one of the leading corporate groups worldwide, the Nemetschek Group increases quality in the building process and improves the digital workflow of all those involved in the building process. This makes it possible to design, build and manage buildings with greater efficiency, sustainability and environmental compatibility in terms of resources. The focus is on the use of open standards (Open BIM). The portfolio also includes digital solutions for visualization, 3D modeling and animation. The innovative products of the 15 brands of the Nemetschek Group in the four customer-oriented segments are used by approximately six million users worldwide. Founded by Prof. Georg Nemetschek in 1963, the Nemetschek Group today employs more than 3,000 experts.

Publicly listed since 1999 and quoted on the MDAX and TecDAX, the company achieved revenue amounting to EUR 596.9 million and an EBITDA of EUR 172.3 million in 2020.

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