

The most important new features

Allplan 2012 Architecture

Allplan Architecture has really grabbed the attention of architects and designers throughout the world by the range of options it offers. The possibilities offered are based on future-oriented functionality, a particular focus on enabling networked working methods via the internet, the seamless exchange of data and extremely intuitive use. The current version offers numerous enhancements that will make your work more efficient. The most important new features include SmartParts (parametric CAD objects), optimised report functions and a direct connection to Allplan Alfa Web.



SmartParts: New parametric modelling functionality

SmartParts are a new feature in Allplan 2012 – they are independent parametric Allplan CAD objects with powerful 3D-modelling functionality. What's really special about them is that they contain business logic that is independent of the CAD system and they therefore behave intelligently. The object knows its own characteristics, the so-called parameter values, via the integrated script.

The user inserts the SmartParts into the drawing area by Drag and Drop. After activating a SmartPart, changes can be implemented, using handles or the dialogue box, and displayed in real time. This makes the flexible assembly of prefabricated parts in CAD even easier to realise. In addition, Allplan 2012 contains numerous 3D free-form bodies and surfaces, as well as basic geometric shapes, which are just as easily modified. Especially in the early design phase, you can use SmartParts to model new and interesting free-form shapes. With minimal risk of error and in a very short space of time, you can attain the desired result of high-quality and realistic planning documents. Let your imagination and your wealth of models and variants run wild!

In addition, there are high-quality, quality-assured SmartParts available for download in Allplan Connect. Also of interest: It is possible to import multiple, compatible scripting languages such as GDL and to integrate Google SketchUp files simultaneously.

Creating custom and parametric 2D/3D objects

If a desired object does not yet exist as a SmartPart, you can script it and thereby create it yourself. The easy-to-learn programming language, Allplan SmartPart Script, as well as special help functions, make it possible to create custom SmartParts in 2D and 3D in no time. Allplan also reliably protects your creative property against unwanted copying and usage by third parties: with password protected scripts.

High-quality CAD content for your designs and models

Starting with the Allplan 2012 version, Allplan users will have especially easy access to premium content such as CAD objects, textures and SmartParts. Large volumes of high-quality, quality-assured data is available for download in Allplan Connect – the new global service portal; the range of objects available is constantly being expanded. In addition,

all objects are provided with a country code to allow a targeted search when working on international projects. Thus you can create appropriate designs and models with minimal effort. Allplan Connect allows Allplan users and those interested in Allplan to network throughout the world: The services on offer in five languages and localised versions range from the user forum to download libraries and training opportunities right through to technical support.

Intelligent information management

With reports that have again been optimised, Allplan continues to focus on the provision of rich functionality as well as a modern and uniform appearance. This clearly increases the degree of transparency and certainty in your planning during all phases and allows you to meet the communication and information needs of everyone involved in the building. Something new in Allplan 2012 is the linking of objects in reports and drawings (zoom function). By clicking on specific objects in the report, the corresponding component is activated and zoomed in on in all views. This feature significantly improves the transparency and comprehensibility of reports. And the number of reports available in Allplan 2012 has also been significantly expanded.

Direct connection to web-based facilities management

Allplan 2012 also provides a direct link to Allplan Alfa Web: Building data can be acquired comfortably through this link as well as through the SAP interface, and then subsequently edited and evaluated. The purely web-based solution Allplan Alfa Web is a central intranet platform that not only saves time, expense and resources, but which also provides businesses with flexibility and mobility in managing properties and facilities.

Seamless data exchange

Allplan Architecture supports more than 50 file formats and numerous interfaces. In the latest version, the IFC 2x3 interface has been optimised again, and the version also ensures compatibility with the current Google SketchUp file format SKP 8.

For more information, see www.allplan.com

Your advantages at a glance

Parametric SmartParts

- Object changes and variations can be implemented easily in real time
- Country-specific customisation possible
- Assembly is easier and faster with SmartParts than designing new objects
- Various web and manufacturer content can be used
- Multiple orders can be processed at the same time
- High-quality, realistic planning documents
- Simplified transition to model-oriented method of working

SmartPart Script

- Individual customer requirements can be realised
- Ensures that SmartPart scripts can be safely passed on to other users

Premium CAD Content

- Constantly expanding collection of CAD objects, Smart Parts and textures available in the global service portal Allplan Connect
- Creation of appealing designs and models with little effort

Optimised Reports

- Clear analysis of all phases at the push of a button
- Fast, smooth communication in all directions
- Greater transparency and planning certainty

Connection to Allplan Alfa Web

- Convenient and rapid acquisition of data relating to existing buildings
- Direct integration and conversion of CAD information in the facilities management database
- Time-effective property and facilities management