

## The most important new features

# Allplan 2011 Architecture

Allplan 2011 Architecture is impressive with its future-oriented capabilities based on a high degree of user-friendliness, remarkable image regeneration speed, smooth data exchange and use of the Internet as a central platform. Many improvements have been incorporated to accelerate your workflows and give you greater creative freedom in your design projects. Examples of these include the new Options dialog, the new reporting system and the innovative functionalities for facade and railing design.



### **Faster image regeneration**

The graphics engine of Allplan 2011 has been almost completely redeveloped and now fully exploits the high computational power of modern graphics cards. In particular with projects involving large data volumes, image regeneration is massively accelerated, making processing much smoother. Also of assistance is the new, accelerated calculation of hidden lines in the model: this allows architects to navigate in the hidden lines representation of their virtual building in real time. In addition to the increased operating speed, the rendering of text and graphics has also been noticeably improved.

### **Customized facades**

Allplan 2011 Architecture offers you a range of new functions for facade design: for easier and faster operation, the dialog guidance has been revised and standardized. Furthermore, thanks to further development of the file structure, you can now very easily and clearly create your own building blocks with customized objects. Another feature of Allplan 2011 that accelerates the design process is automatic deduction of the axis width, which enables precisely-fitting facades to be designed in even less

time than before. Finally, also new is the ability to assign facade textures, which allows a photo-realistic representation of the building envelope to be created without intermediate work steps.

### **Impressive railings**

Allplan 2011 provides you with practically unlimited possibilities for designing railings, fences and other evenly divided, linear elements. For example, you can accentuate railing corners, specify differences in height or divide railings into a number of individual segments. This saves time and creates a high degree of design accuracy. All railing components are displayed in 3D and textures can be applied using the railing tool. This not only produces quick visualizations for design checking purposes, but also presentations that are guaranteed to impress your clients.

### **Smooth data exchange**

Allplan 2011 Architecture supports more than 50 file formats, including the DWG format for AutoCAD 2010. This means data can be easily exchanged with AutoCAD. Furthermore, the IFC interface has also been improved. Thanks to extended default settings, it is possible to specify individually

which elements should be transferred. For the cooperation partner Plancal, a special IFC Exchange Favorite has been developed for building services design: hence, building services design partners who work with Plancal nova can easily import a 3D building model from Allplan and return it once they have designed the building services. Furthermore, the new version of Allplan supports the STL and SKP file formats. With these formats, 3D models can be produced using 3D printers or directly transferred into Google SketchUp or Google Earth. In addition, in Allplan 2011 colored designs can be output as grayscale PDFs.

### Professional reports

With its new reporting system, Allplan 2011 Architecture offers comprehensive reports: for every task imaginable, there are predefined templates that have now been graphically redesigned and standardized. Another new tool that has been added is the modern report viewer. This tool provides accurate print previews of your reports. Reports may be printed out or inserted into an Allplan project, or you can also export reports in Excel or PDF format. The layout editor makes it easy to amend settings such as font, color, borders, row height and column width or even incorporate bitmaps such as your company logo. Thus the templates can be quickly and stylishly adapted to office-specific guidelines. The layout editor also gives you the ability to create, save and re-use your own office templates.

### Easy to use Options dialog

The new 2011 version of Allplan Architecture has a completely redesigned Options dialog which acts as the central hub for all program settings. In addition to personal settings, such as background color and crosshair size, the display rules, norms and office standards are also centrally administrated. The clearly laid out dialog facilitates intuitive operation. Via Info icons, users receive direct help when working with options and can see straight away what can be set with the respective options, even if one is not aware of the underlying function.

### High-quality CAD objects

With the 2011 version, designers have access to a range of new CAD objects and textures optimized for Allplan in order to help them create attractive

designs and models. To make searches particularly fast and efficient, all such content is available on the Internet. From the basic range of content available to all users of Allplan through to the libraries reserved especially for Serviceplus customers, you can search for predefined CAD data online and simply download and install it. Furthermore, all objects are assigned a country code, thus also enabling targeted searches for international projects.

### Convenient building alteration design

The building alteration functions in Allplan 2011 provide you with the essential tools needed for alteration work, eliminating the time-consuming and error-prone processes during the creation of reconstruction plans. Whether you are working in 2D, 3D or a mixture of the two, the alteration functions adapt to your method of working - and not the other way around. In addition to the previous alteration lists, new alteration reports, including component numbers, can now be generated. The correct representation of existing structures, demolition and new construction, as well as the complicated creation and closure of openings in existing walls and ceilings is considerably faster and easier with the new version.

### Variable plot preview

Since designers often use a different color display on screen compared with plotting, the plot preview in the 2011 version gives you the certainty of knowing exactly how the design will appear on paper. Another new feature is that not only can you work in the design view, which uses the screen colors, but now you can also work directly in the color or grayscale plot preview.

### Automatic update

The 2011 version of Allplan Architecture has an automatic update function. This means you can rest assured that your software will always be up-to-date. Similar to the Windows update function, you can choose between „fully automatic“ installation and installation on request. The automatic update function can be set for a single user or an entire work group. In the latter case, the system administrator must configure the system accordingly.

For further information about the new version, please visit [www.allplan.com](http://www.allplan.com)