# Allplan BIM 2008 Architecture
## New features since Version 2006

NEMETSCHEK

Allplan sets clear standards with each version. This is an overview of the new features in recent years, and provides you with detailed information on the additional features Allplan has introduced since the version you currently use. Discover the benefits and order your upgrade to the current Allplan BIM 2008 now.

ALLPLAN BIM 2008

## Ease of use and speed

▶ For complex layout plans, town planning models or component-oriented building planning, the data volume per file can now be up to 256 MB.

▶ If two monitors are used, all the dialogs now note the most recent status and the window split is retained across the screens.

▶ Specifically in Allplan, a user-friendly profile selection can be used to configure the right drivers for certified graphics boards even more quickly. The certificate represents optimum speed e.g. for animations.

▶ With the input palettes (a new control element), the size of the drawing area is maintained and, at the same time, the process of creating and modifying elements is easier and smoother.

▶ To simplify work and avoid errors, the storage locations for files can now be user-defined as in MS Office. You can set individual default values.

▶ For an optimum overview when drawing, the crosshairs now have a new activation preview: when you approach an element, it is highlighted in a color and, if required, the element properties such as element name, pen,

line, color, layer, segment and sequence are displayed.

▶ The screen content can be displayed without construction lines when performing layout checks.

▶ Rapid selection can also be used to select the plan set and set of rights.

▶ For faster activation of elements, you can use a shortcut menu similar to that for point entry.

▶ For targeted modification, you can now limit the properties of elements step-by-step, for example. The filter result is displayed immediately on screen and the filter steps can be carried out in any sequence.

▶ You can easily filter by hatching and pattern.

▶ Activated points are displayed so that reliable modification is possible.

▶ A new color and pen assignment dialog in the Allplan layout permits greater design versatility.

▶ To ensure smoother teamwork, newly created catalogs are now immediately visible for all users.

▶ Layout elements are now very easy to replace, making the process of updating layouts much more comfortable.

▶ It is now possible to carry out a batch plot with Windows drivers. This means that drawings of different sizes can be

### Highlights

▶ A CAD system covering the entire spectrum from 2D design to virtual building models to Building Information Modeling

▶ Decisive improvements in user-friendliness and speed

▶ Greater design freedom thanks to more layout and modeling options

▶ Higher level of detail in component-oriented building design

▶ TÜV-certified VOB-compliant integration between Allplan and Allplan BCM (Allright) for greater building cost transparency

▶ Improved interdisciplinary collaboration and simplified administration

▶ Compatible with Windows Vista® and installation also on Apple computers with Intel processors

▶ Current interfaces for 2D and 3D data exchange

▶ Supports future formats PDF and IFC

plotted unsupervised with Windows drivers.

- To rectify accidental copying of two identical data records to the same position, you can now use the "Delete Duplicate Element" feature.

## Creative freedom

- With just a few clicks you can generate custom surfaces and shapes, e.g. for three- and four-point canopies, banners, etc.
- You can now easily assign start and end symbols to elements such as lines, polylines and circles: you can therefore turn a line into an arrow or a polyline into a chain, for example – ideal for flow charts.
- Layouts can now be designed more effectively in color as even the background color for hatching and patterns can now be freely selected from 16 million colors.
- To create plans more quickly, elements such as lines, circles, images and text can now be evenly aligned or distributed very easily.
- For a faster workflow in 2D design, when two elements intersect, you can now immediately cut the second element to fit: the preview displays all realistic cutting options.
- The resizing of elements is now even faster: you can now grab the required reference size directly from another component.
- You now have a wide range of completely new symbols for the various areas of use e.g. building for the disabled, fire fighting, trees, people, cars, textures, photos and much more.

- The smart fit feature has been expanded to include a texture option to realistically display surfaces.

## Component-oriented planning (BIM)

- Component-oriented data exchange with other CAD systems is now possible in accordance with the latest standard IFC 2x3.
- Every user can set up a project for component-oriented planning with storeys, floors, structure and file splitting with just a few clicks and no need for expert knowledge of the system. A new storey manager and model wizard make this possible.
- With a new dialog for macro definition, it is even easier to create and maintain macros.
- To help you avoid design errors, Allplan now ensures the right associative DIN label for door display.
- The Allplan components are now better modified to meet the requirements of current trends such as BIM, IFC data exchange and energy analyses.
- Allplan now offers even more flexibility for the creation of foundations e.g. off-center foundations, slab foundations, etc.
- Dynamic lists e.g. the window list with overview drawing, walls with legend display or floor space calculations with totals can be used for flexible design and reliable legend display and maintenance directly in the drawing file. An ideal supplement to the room stamps and as a "just-in-time" display.
- A special modeler for railings, fences, sills and other linear, evenly subdivided components accelerates

your work and enhances Allplan's modeling capabilities.

## Collaboration and administration

- You can now import PDF files: lines, texts, pixel bitmap areas and layers are transferred from Allplan for further processing. Ideal for reusing drawings from manufacturer catalogs.
- Allplan can also be installed on Apple hardware with an Intel processor, if you use the Windows XP operating system with "Boot Camp".
- Allplan is now compatible with Windows Vista: ideal if you want to use new hardware.
- Allplan now has the latest AutoCAD 2007 import and export.
- You can now integrate an Allplan 3D model in a PDF at the touch of a button. The recipient can view, rotate and display or hide elements of the model using the free Adobe Reader. This helps you simplify communication with building clients and planning partners. Without add-ons.
- You can now directly reuse animations integrated in PDFs directly in Allplan.
- Data exchange with MicroStation V8 is now possible using the latest version of the DGN V8 format.
- For simplified, file-based data exchange between Allplan users of the same and different versions, Allplan now has its own file format NDW, which draws together all the relevant information in a single file.

## Design2Cost – Planning by cost factors

▸ The integration of the new legislation of
VOB Part C from November 2006 optimizes quantity takeoff.
▸ For even more accurate results, quantity takeoff in Allplan has been enhanced and refined: dormer side areas, beam side areas and formwork areas for beams, for example, are now also considered separately.

## Further information

If you need additional information please contact your local Nemetschek dealer or visit us at our website at: www.nemetschek.com