

# Top 10 Reasons to Use Autodesk® Architectural Desktop

## ***Immediate Productivity***

Those familiar with AutoCAD® software can begin using Autodesk® Architectural Desktop immediately to create documentation, drawings and schedules faster, while automating tedious coordination tasks and reducing errors. Architectural Desktop provides intelligent architectural objects, such as walls, doors, and windows, which interact logically, providing a smoother design process.

## **Spaces:**

Looking for a more efficient and productive way to tag floor plans with room areas? With Architectural Desktop, you can now automatically tag every room in a drawing, complete with room areas. And, since you can update spaces as room boundaries change at the click of a button, tags and areas will update automatically, saving you time in maintaining accurate documentation.

## **Stairs:**

Tired of spending so much time generating accurate sections and elevations from your 2D stair plans? Now you can convert that 2D lifework to a fully described stair in Architectural Desktop. Not only do you have the flexibility of improved graphic control over your stair's plan and model views, you get to take advantage of additional stair enhancements such as improved stringer, landing, tread, and riser control.

## **Multi-component Slabs:**

Do you often find yourself manually adding details to complete section drawings? Now slabs can carry information about their interior construction just as walls can now, giving you the freedom to create slabs with multiple components and materials. Additional graphic enhancements, such as the ability to add interference conditions, give you even greater control of your plan, section, and elevation graphics.

## **Details:**

Are you finding that documenting and annotating designs consumes too much time? Complete these tasks faster with Architectural Desktop's robust library of detail components and powerful keynoting tools. Automate the creation of details to have consistent annotation, and when your details are complete, you can even generate keynote legends with just a few clicks!

## **Improved Walls:**

Looking for a faster way to create and modify floor plans? Take advantage of architectural objects, such as doors, windows, and walls. Far more intelligent than basic lifework and blocks, you not only benefit from a library of standard architectural types, they behave like their real-world counterparts. Automatically insert a door or window into a wall with complete placement control. Move a wall and connected walls and spaces will automatically update. To describe even more

## Top 10 Reasons to Use Autodesk Architectural Desktop

complex design conditions, walls have improved interaction with other objects, even enabling you to show interference conditions with columns across xrefs.

### **Improved 2D Sections and Elevations:**

Need a more efficient way to manage the coordination of your designs and construction documents? Directly from your floor plans, use Architectural Desktop to generate 2D section and elevations with material hatching. And since section and elevation graphics are generated directly from your designs, maintaining layer, color, linetype properties, you can easily update them throughout design changes.

### ***Flexibility***

Because Architectural Desktop is built on the AutoCAD platform you can work the way you do today, integrating more powerful architectural-specific features at your own pace. This reduces the down-time and learning curve often associated with implementing new software. The file-based approach used by Architectural Desktop is consistent with the standards and practices of current AutoCAD users.

### **Improved Scheduling:**

New graphic display and calculation tools help ensure that your schedules are accurate and adhere to company standards. Whether you are customizing the appearance of out-of-the-box schedule styles, or creating completely new schedules from scratch, complete with your required calculations, you can do so with ease. Since schedules are linked directly to your designs, you can update them to reflect any design changes at the click of a button.

### **Improved Dimensioning:**

Does a change in your design require manual updates to your dimensioning? Let Architectural Desktop's AEC Dimensions help. With even greater flexibility, you can now dimension any wall, including its components according to your own dimensioning standards, including wall stud centerlines and faces. And since the dimensions are associative they automatically update as your designs change, minimizing the tedium of manual updates.

### ***Collaboration***

Because Autodesk Architectural Desktop is interoperable with other Autodesk building design solutions and services, as well as with third-party applications for specific needs, you can be sure that you can collaborate effectively with your extended design team. And because of broad support for industry-standard formats and interoperability standards, collaboration with the extended team is easier and more effective.

### **Integrated Rendering:**

Bring designs to life for impressive client presentations at any stage of the design with integrated rendering. The streamlined visualization capabilities are fully integrated into the Architectural Desktop workflow. Break away from the pack and stand out by visually communicating richer design information.

### **Extended Design Team Support:**

Does working in a large firm with multiple locations make it difficult to directly access project files from a centralized location? The result can be multiple drawing versions and drawings that are not coordinated. Architectural Desktop addresses this with improvements to its Project Navigator feature, making file-based collaboration easier with mapped-drive support. Drawing folder locations can also be customized to better align with your existing project management methods, making it even easier to migrate existing cad management standards.

Autodesk and AutoCAD are registered trademarks or trademarks of Autodesk, Inc. in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2006 Autodesk, Inc. All rights reserved.