We made a commitment as a firn to invest in Architectural Desktop because this is our livelihood.... We made the right choice.

Bill BrownPartner and CECBeeryRio



# Making AutoCAD Better for Architects

Autodesk<sup>®</sup> Architectural Desktop provides the best AutoCAD<sup>®</sup> software-based design and documentation productivity for architects.

#### A Better AutoCAD for Architects

Work in the familiar AutoCAD environment, using tools that are designed for architectural drawing and design.

#### **Immediate Productivity**

Begin using Autodesk Architectural Desktop with minimal training, creating documentation, drawings, and schedules faster and with fewer errors.

#### Flexibility in Implementation and Use

There are many ways to get started with Architectural Desktop. For example, you could start by using wall, door, and window objects from the design palette. Or, you could begin by using the vast detail library to automate this common, time-consuming task. When you are ready, you can incorporate additional features to improve your productivity.

#### **Smooth Collaboration**

Exchange information easily using the industry-leading DWG file format and quickly coordinate rich design information with engineers. Use integrated rendering to create lifelike design visualizations that enhance communications with clients.



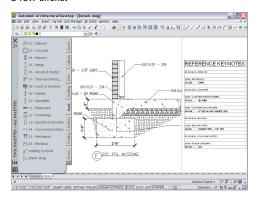
Autodesk Architectural Desktop makes it so easy and straightforward to manage plans and exchange data with partners.

Franz Wörle
 Construction Designer
 Deuter GmbH

# **Key Features in Autodesk Architectural Desktop**

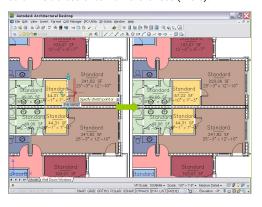
#### **Details**

Do documenting and annotating designs consume 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 and maintain consistent annotation. And when your details are complete, generate keynote legends with just a few clicks.



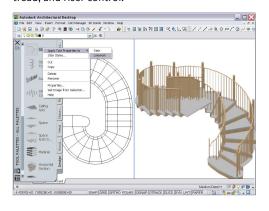
#### Walls, Doors, and Windows

Looking for a faster way to create and modify floor plans? Take advantage of architectural objects, such as walls, doors, and windows that 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 automatically update. To describe even more complex design conditions, walls have improved interaction with other objects, even enabling you to show interference conditions with columns across external references (xrefs).



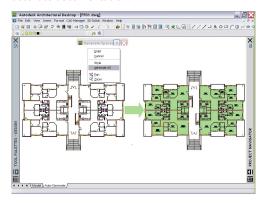
#### **Stairs**

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.



#### **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.

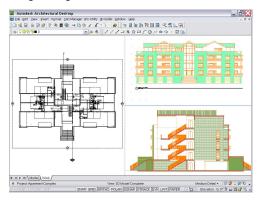


The simplest tools let us add walls, insert doors, and create an automatic column grid very efficiently, which speeds up the time it takes to complete the predesign.

—Julie GilmanDirector of TechnologyCambridge Seven Associates

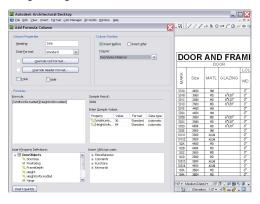
#### Sections and Elevations

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



#### 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.



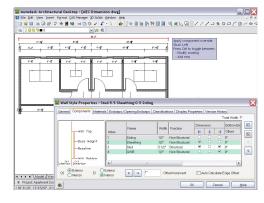
#### **Integrated Rendering**

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. Make your presentations stand out by visually communicating richer design information.



#### 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—and all 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, eliminating the tedium of many manual updates.



### Increase Productivity by 30 Percent\*

A study performed by an independent third party compared the time required to complete typical tasks. The conclusion: an AutoCAD user with limited experience using Architectural Desktop can increase architectural design documentation and drafting productivity over 30 percent. To read the full Autodesk Architectural Desktop Productivity Study, visit www.autodesk.com/architecturaldesktop.

#### **Productivity Study**

AutoCAD	Architectural Desktop
Hours	Hours
21.5	20
6.75	3
3	1.85
3.75	1.5
4.5	2
4.25	2
1	0.3
1.25	1.1
46 <sup>*</sup>	32 <sup>*</sup>
	Hours 21.5 6.75 3 3.75 4.5 4.25 1 1.25

Productivity improvements derived from the results of a test commissioned by Autodesk in which select tasks were performed that were designed to simulate architectural drafting. As with all performance tests, results may vary based on machine, operating system, filters, and even source material. While every effort has been made to make the test as fair and objective as possible, your results may differ.

#### **Always Improving**

Successive releases of Architectural Desktop contain many new and enhanced features for improved architectural drafting and design. Here are just a few.

Feature	Architectural Desktop 3/3.3	Architectural Desktop 2004	Architectural Desktop 2005	Architectural Desktop 2006	Architectural Desktop 2007
Sections and Elevations	•	•	•	•	•
Spaces	•	•	•	•	•
AEC Dimensions	•	•	•	•	•
Architectural Content	•	•	•	•	•
Architectural Objects	•	•	•	•	•
Scheduling	•	•	•	•	•
Layer Standards	•	•	•	•	•
VIZ Render		•	•	•	•
Materials		•	•	•	•
Formulas		•	•	•	•
Drawing Management		•	•	•	•
Details		•	•	•	•
Keynoting		•	•	•	•
Export Property Data			•	•	•
Import LandXML			•	•	•
Sheet Sets			•	•	•
Display Themes				•	•
Edit-in-View				•	•
Project Standards				•	•
Project Tool Palettes				•	•
Stair Wizard					•
Multicomponent Slabs					•
2D and Freeform Shapes					•
Automatic Space Generation					•

## Recommended System Requirements

The following system requirements are recommended for effective use of Autodesk Architectural Desktop 2007:

- Intel® Pentium® 4 processor, 3 GHz or greater
- Microsoft® Windows® XP (SP2 or later)
- 2 GB RAM
- 1.9 GB free disk space
- 1280x1024 monitor and display adapter capable of 32-bit color
- 128 MB or greater, OpenGL-capable workstationclass graphics card
- MS-Mouse compliant pointing device
- Microsoft Internet Explorer 6.0 (SP1 or later)

#### **More Than Just Software**

#### **Share Complex Design Data with DWF**

When you need to share complex design data, only DWF™ will do. Use the DWF format to securely view, print, and redline your design documents. Learn more at www.autodesk.com/dwf.

## Get Seamless Project Collaboration with Autodesk Buzzsaw

Streamline the way you manage and share information, and make accurate, up-to-date information available to all project team members. Leading companies across all industries use the Autodesk® Buzzsaw® on-demand collaborative project management solution to run projects simply, securely, and profitably. Learn more at www.autodesk.com/buzzsaw.

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#### **Purchase or Learn More**

Contact your Autodesk Authorized Reseller to purchase Autodesk Architectural Desktop. To locate the reseller nearest you visit www.autodesk.com/reseller. Learn more about Architectural Desktop at www.autodesk.com/architecturaldesktop.

