

VERTEX BD

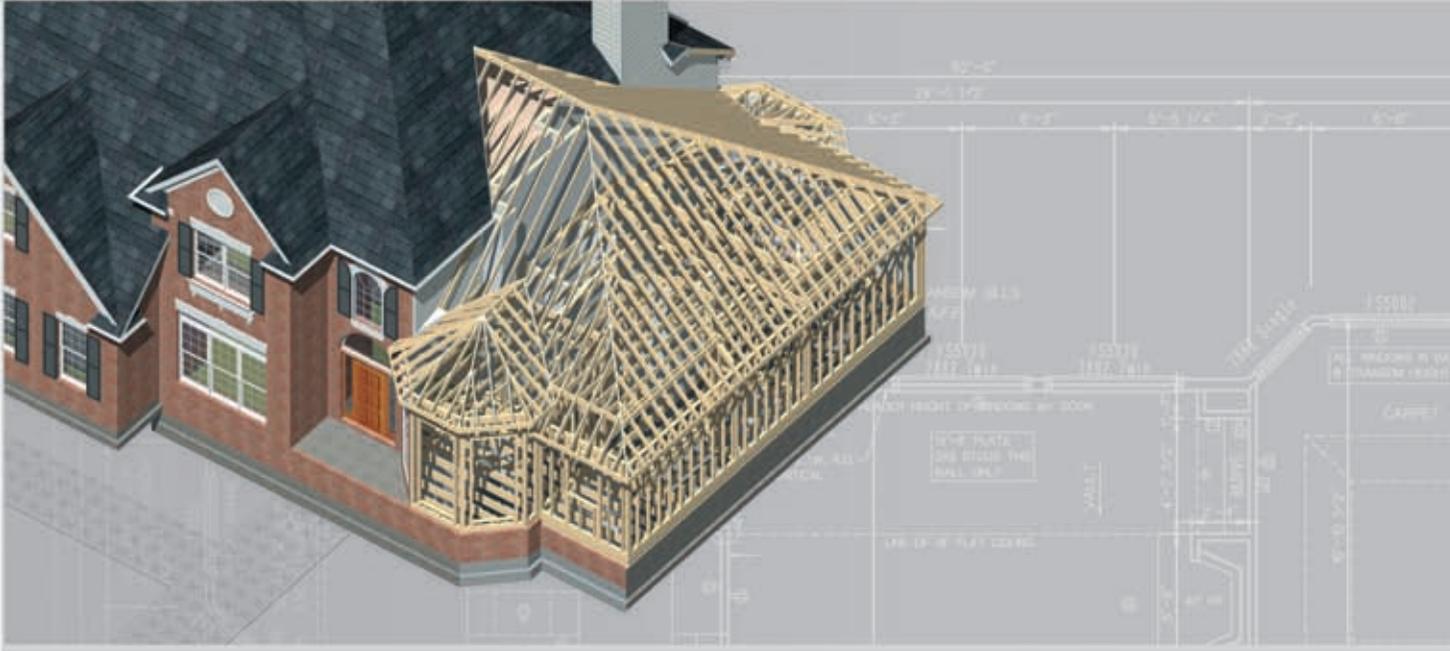


Productivity • Flexibility • Accuracy

building
design software

Increase Productivity • Improve Quality • Minimize Costs

VERTEX BD Productivity Software for Home Builders



Vertex BD – Software that Fits the Way You Work.

Vertex BD is an extremely flexible CAD software platform that can revolutionize how your company utilizes your architectural drawings and models. Our software is aimed directly at the building industry. We deliver tools that are designed to fit the way you work, making your design process more efficient and flexible. The unique Vertex platform enables you to custom fit Vertex technology to different parts of your business, streamlining your operations.

One Source for Building Information

Since 1991, our company has provided software that utilizes a single source for project information - the Building Information Model (BIM). Vertex BD uses real building elements to model your designs in every detail, exactly as it will be built. The BIM is the

source for all information including drawings, material estimates, framing details, even sales tools! Vertex BD now offers even more ways to take advantage of your design efforts.



VERTEX BD Tools that Fit the Way You Work.



Automatic Building Options

Reach a new level of design efficiency and convenience with the Options Management System. Your structural options are created in the same model as your base design, enabling you to 'assemble' endless configurations.

Optimize your options to maximize profits and minimize construction time. The resulting model is complete, with connected components and is ready for further customization.

This technology does more than make the configuration of your house fast and easy. Vertex can accept a formatted file that contains your customers' selections. Vertex then automatically configures the house, and creates the construction documents, complete with marketing materials!

Imagine the possibilities when you integrate your Optionalized Vertex BD models with your sales force!

Options Management System Handles:

- ✓ Elevations
- ✓ Roof Configurations
- ✓ Wall Heights
- ✓ Stretch Options
- ✓ Room Layouts
- ✓ Nested-Options
- ✓ Logic Controls
- ✓ Trim Options
- ✓ Site Specific Plan Sets

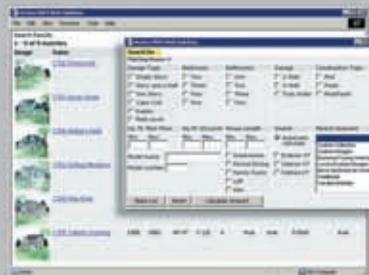
Publishing Tools: Putting your models to work for you

HTML Web Pages



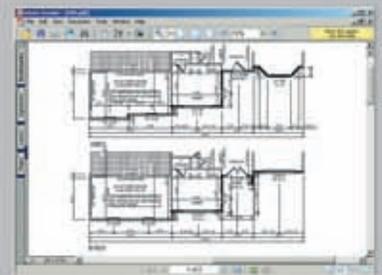
Publish web pages with your logo with the click of a button.

Web-Based Catalog



Create a searchable online catalog with your Vertex Models.

Permit Drawing Sets



Automatically assemble and plot permit drawing sets with options.

Vertex BD makes it easy to store standardized components, or entire sections of a building, helping you put your designs together faster than ever before.

Building Groups

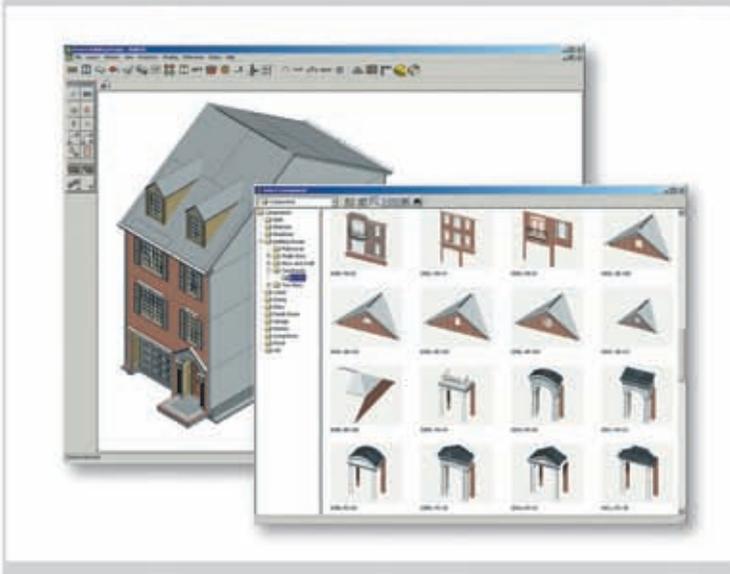
Vertex Building Groups allow you to store parts of a home in a visual browser environment. Drop in a garage, a porch, or an entire kitchen layout, instantly. The easy to use file structure makes adding, editing, moving, or deleting a group fast and simple.

Groups that are dropped into a project also create the 2D views for each section of the building. Drop in each component of a building, and your 2D documentation is immediately available.

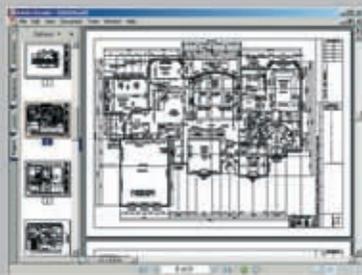
Townhouse Design Tools

Multi-family units are easy to handle in Vertex BD, using unique project referencing tools that help you to manage each unit separately, and bring them together to create your final building layout.

Combine this feature with the Options Management System, and simplify your design and construction process while offering your customers more alternatives!



PDF Book of Drawings



Send all documents to one convenient PDF construction set.

Movies



Create customer-specific movies to accompany marketing materials.

Vertex Viewer



Use the Free Vertex Viewer to share Vertex Models and information.

VERTEX BD Accuracy and Control Through Flexibility



Vertex can optimize your materials usage by project or individual panel, saving you time and money.

Wall Framing

Frame your walls with ease based on user defined framing rules. Vertex can handle the most complicated framing details, including a variety of customizable header, backer, and corner conditions.

Our flexible environment enables you to interactively apply unique details and specifications to individual walls, panels, or openings. You have complete control over tolerances, blocking, extra pieces, panel breaks, rake angles, sheathing, and more.

Floor & Roof Framing

Complete your most complicated roof designs and make changes with ease! Specialized tools designed to work specifically with roof components make it easy to handle rafters, trusses, or roof panels.

Vertex creates floor systems in no time, giving you complete control over framing and floor covering materials. Use dimensional or engineered lumber, floor trusses, or even create floor panels.

Interactive Panel Elevations

Vertex provides manual and automatic panel break tools to help you work more efficiently and accurately. The resulting panel elevations are completely interactive, giving you full control over the framing and sheathing materials.

Each piece is clearly labeled, and corresponds with a materials list located right on your elevation sheet. Changes to panel elevations are applied to the 3D model automatically.

Manufacturing Automation

Vertex makes all manufacturing data available for integration with automated equipment. Connect your designs with automated saws and printers, panel assembly equipment, laser projection systems, scheduling, or inventory control systems.





Office Systems Integration

Streamline your operations by integrating your design software with the rest of your business. Drive your estimates, purchase orders, and scheduling systems with data that comes directly from the Building Information Model

Use the interactive Options Management System, Vertex Building Groups, and Publishing Tools to drive your sales process. Interactive, parametric models help to offer more to your customers, enhancing their experience with your sales staff.

Customization Services from the Developer

Your business is unique, your design software should be too. The flexible Vertex BD platform provides the opportunity to create custom solutions that give your company a competitive edge.

Who better to customize your design software than the developer? Our development and project management teams can help you create a system that meets your exact specifications. Custom features, tools, even specialized applications can

be created to work in conjunction with your original Vertex BD licenses.

Partnering with Customers

We succeed when our customers succeed. Our development and support teams are dedicated to making sure your design software gives you the competitive edge you're looking for. We work with you to set up an environment that meets your specific needs, and offer custom development to bring your company closer to the cutting edge.

We hear you! This software is developed for you, so we listen when you have new requirements and ideas about how Vertex software tools can help your business. Become a partner, and benefit from our knowledgeable development teams that want to help you succeed.



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Vertex Systems is committed to providing cutting edge applications to improve the productivity and profitability of our building partners. Vertex offers custom software development and system integration services to maximize the value of your current and future business tools and equipment.

Real Productivity for Professional Builders

Vertex BD Delivers

Now more than ever, your design software needs to be part of an integrated solution that streamlines your business operations while expanding the services you offer your customers.

Control over your construction data, estimates, margins, and marketing materials is certainly no

less important. Vertex BD delivers the tools and flexibility unique builders like you require.

Start connecting your designs with the rest of your business processes with Vertex BD, and see what a difference our flexible software can make.

Interactive, parametric 3D models with unique tools that make your design work and data management easy.

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