

What's New in Vectorworks® Architect 2009



Realize Your Most Inspired Visions

What's new with Vectorworks Architect 2009—a lot. We've introduced Parasolid®, our new core engine technology. With speeds 4-5 times faster than our previous versions, it puts your productivity into hyper drive. You'll enjoy superior 2D and 3D capabilities and master complex modeling and higher levels of automation. Plus, there's more. We've packed it with plenty of enhancements that will make your life easier, so you can get back to realizing your most inspired visions.

Take a peek at some of the enhancements that come with Vectorworks Architect 2009:

- **3D Wall Improvements:** Parasolid technology brings walls to the next level with improved precision, reliability, and speed. Now, you can even cut holes of any shape in 3D walls.
- **Space Object Improvements:** You'll have a list of space and department names ripe for your picking, and you can create auto-boundaries that produce customized boundary and area reports.
- **Better Snapping:** Get instant feedback from your cursor with this first-class snapping system. Draft or model with more precision and greater accuracy using new snap controls and our innovative snap loupe feature.
- **PDF Snapping:** Snap quickly to imported PDF files and use them more effectively as a basis for your designs.
- **Pre-Selection Indication:** Before you even lift that finger to click the mouse, your cursor will instantly give you more information by highlighting objects that interact with your selected tool.
- **Similar Object Creation:** Now it's a cinch to create an object that matches an object already in a drawing. With a simple command, the right tool, mode, attributes, and parameters are automatically set to match the source object.
- **Editing Mode Improvements:** Make editing much easier. You can edit groups, symbol instances, solids, and viewport groups relative to other related objects; view and snap to objects outside of the group; and get edits right on the first try.
- **Extrude Along Path Enhancements:** What an improvement. Now you can extrude profile curves with sharp corners right along a path with sharp corners. You can even constrain the extruded object to the global Z-axis.
- **Enhanced 3D Modeling Tools:** Use the more efficient Create Fillet Surface command, Stitch and Trim Surfaces command, Loft Surfaces tool, Project tool, Fillet Edge tool, and Protrusion/Cutout tool to generate generic solid objects, or NURBS surfaces.
- **New Visibility Tool:** Manage your drawing visibility settings by selecting or isolating objects in your file based on their layer or class. You'll save a tremendous amount of time, especially when using imported AutoCAD® files.
- **New Drag and Drop Import:** Importing has never been simpler. You can import files by dragging a file and dropping it onto an open Vectorworks file. Brilliant!
- **DXF/DWG Import and Export Improvements:** Enjoy many improvements, including added support for DXF/DWG 2009, import support for Architectural Desktop objects, better hatch export support, and each Vectorworks design layer viewport exports as a referenced DWG file with its own layer.
- **Polyline Arc Improvements:** Two new modes in the Polyline tool enable you to create precise arc segments for greater control and flexibility when drawing free-form shapes like planting beds and layout plans.
- **Column and Pilaster Improvements:** Get creative with columns by designing them in custom architectural and non-symmetrical shapes. Specify column and pilaster structural components—whether they're wood, concrete, or a manufactured steel shape. You can also export the column or pilaster to IFC formats for exchange with structural analysis programs.
- **Create Joist from Poly Command Improvements:** Customize the property and attribute sets for the joists and the perimeter framing elements, including the length of joists relative to the perimeter and the desired corner joining for the perimeter framing. Framing member objects are placed directly on the drawing, allowing you to easily adjust their properties after the command has been run.
- **Roof Framer Improvements:** Time to step up your roofing capabilities. Treat the roof object as a roof deck (where the tops of rafters match the bottom of the roof), specify purlins on top of rafters, or have purlins sloped to match the roof slope.

With these and many more enhancements, you'll find that Vectorworks Architect 2009 is flexible, versatile, intuitive, and an overall smart investment. To see more, check out www.vectorworks.net/upgrade. What's new with Vectorworks Architect can translate into a whole new chapter for your business.

Vectorworks Architect 2009

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