

## Vectorworks Architect 2010 - Features List

### A vast suite of 2D precision drafting tools provide you intelligent ways to design.

- Parametric Constraints
- Rectangle
- Rounded Rectangle
- Rotated Rectangle
- Circle
- Circle by Points
- Oval
- Clip
- Connect/Combine
- Free Hand
- Tangents
- Lines
- Double Line
- Arc
- Polyline
- Polygon
- Move by Point
- Visibility
- Smart Cursor
- Flyover
- Spiral
- Eye Dropper
- Attribute Mapping
- 2D Reshape
- Rotate
- Chamfer tool
- Select Similar
- Mirror
- Split
- Attribute Mapping
- Trim
- Fillet
- Chamfer
- Offset
- Double Polygon
- Create Similar Object

### Building Information Modeling functionality is available in flexible 2D/3D workflows.

- Viewports
- Design Layer Reference Viewports
- Two-Way Database Worksheets
- Linked Markers
- Planar Graphics
- HVAC, Plumbing, & Electrical Tools
- Unified View

### Intelligent building shell tools enable an easy transition into a BIM workflow.

- 2D/3D Wall and Roof Framers
- Customizable Window Tool
- GSA-Compatible Space Planning Object
- Adjacency Matrix
- Customizable Door Tool
- Straight and Curved Walls
- Wall Projections
- Roof Faces and Model Roofs
- Window Walls
- Wall Recesses

### Hybrid 2D/3D architectural objects allow you to design with valuable information already attached.

- Columns and Campaniles
- Desks
- Custom Stairs
- Counters
- ADA Ramps
- Shelving
- Custom Cabinets
- Tables & Chairs

### A suite of powerful free-form modeling tools make it easy to design custom objects and shapes.

- Boolean Operations
- Extractions
- Nurbs Curves
- Potrusions
- Loft Surface
- Shells
- Extrusions
- Solids

### Create stunning presentations with options other programs just don't provide.

- Gradients
- Unlimited Color Choices including palettes from Pantone®, Benjamin Moore®, Sherwin-Williams®, Resene®, Pittsburgh Paints®, and more.
- Image fills
- Hatches
- Hand Sketch Styling

### Sharing your drawings is very simple with a broad array of import/export options.

- DXF/DWG
- .3DS
- .IGES
- PDF
- JPG, TIF, PSD, EPSF and more
- .SAT
- .skp (Sketchup)
- IFC 2X3 Model Exchange
- DOE-2
- .kml (Google Earth)
- .stl
- Parasolid X\_T

## Vectorworks Architect 2010 - Features List *continued*

### Annotate and detail your drawings using the detailing suite in VectorWorks Architect. Options include:

- Constrained Dimensions
- Insulation
- Dimensional Constraints Manager
- Radial Dimensions
- Redline and Revision Control
- Library of details from [www.CADdetails.com](http://www.CADdetails.com)
- Chain Dimensions
- Notes Manager

### Extensive symbol libraries ship with Architect so you don't have to draw your instruments from scratch.

- Marvin Windows and Doors
- Wolf Appliances
- Seats
- Metal Detail
- Fixtures
- Kohler Baths, Faucets, Sinks, Showers, Whirlpools,
- Storefront Windows and Walls
- Entourage Vehicles
- Millwork Cabinets
- Furnishings and Scenic Elements
- Fire Suppression
- Weather Shield Doors and Windows
- Knoll Furniture
- Entourage Figures
- Handrails
- Elevators and Escalators
- Fireplaces

### Visualizing designs in is a breeze using a series of commands and rendering options available with the add on, RenderWorks.

- Atmospheric effects
- Volumetric lighting
- VBvisual Plants
- High Dynamic Range Images
- Render physical light with .ies light distribution files
- Create accurate renderings with Radiosity or Final Gather Rendering
- Solar Animations