

Vectorworks Architect 2012 - Features List

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

- 2D XRay Mode
- 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
- Reshape
- Rotate
- Chamfer tool
- Triangle
- Mirror
- Split
- Attribute Mapping
- Trim
- Fillet
- Chamfer
- Offset
- Double Polygon
- Create/Select Similar

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

- Viewports
- Design Layer References
- Two-Way Database Worksheets
- Story-Aware Objects
- Stories
- Design Layer Sections
- Unified View

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

- 2D/3D Wall and Roof Framer
- Custom Door and Window Tools
- GSA-Compatible Space Planning Object
- Adjacency Matrix
- Wall Recesses
- Straight and Curved Walls
- Roof Faces and Model
- Slab Tool
- Window Walls
- Stair Tool

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.

- Automatic Working Plane
- Extractions
- Nurbs Curves
- Push/Pull
- Loft Surface
- Shells
- Extrusions
- Solids

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

- Gradients
- Tile fills
- Unlimited Color Choices including palettes from Pantone®, Benjamin Moore®, Sherwin-Williams®, Resene®, Pittsburgh Paints®, and more.
- Image fills
- Pattern fills
- Hatches
- 2D Fills in 3D
- Hand Sketch Styling

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

- DXF/DWG
- .3DS
- .IGES
- .IFC
- PDF
- JPG, TIF, PSD, EPSF and more
- .SAT
- .skp (Sketchup)
- QuickTime and QuickTime
- DOE-2
- .kml (Google Earth)
- .stl
- Parasolid X_T

Vectorworks Architect 2012 - Features List *continued*

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

- Constrained Dimensions
- Insulation
- Planar Dimensioning
- Automatic Exterior Wall Dimensioner
- Angular Dimensions
- Siding Detail
- 3D Dimensioning
- Radial Dimensions
- Redline and Revision Control
- Library of details from 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,
- Telecom Devices
- SubZero Appliances
- Parking and Roads
- Restaurant Equipment
- Misc. Furniture
- Generic Overhead, Hinged, and Patio Doors
- Storefront Windows and
- Entourage Vehicles
- Millwork Cabinets
- Furnishings and Scenic
- Fire Suppression
- 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
- Artistic Renderworks Styles
- CINEMA 4D Rendering Engine and .C4D Export
- Thousands of textures
- Non-photo-realistic rendering
- QuickTime VR models
- Helidon Tool
- Render physical light with .ies light distribution files
- Solar Animations
- Renderworks Styles