

Vectorworks® Landmark 2011

Realize Your Most Inspired Visions



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Flexible:

Enjoy the Freedom to Design the Way You Want

Versatile:

Create, Model, and Present with One Application

Intuitive:

Work the Way You Think

Smart:

Make a Good Investment in Yourself

This is no ordinary year.

This is a milestone release for the Vectorworks Landmark software. Incredible new tools will transform your work—and your world—for the better. Now, it's easier than ever to create beautiful designs and accurate site plans. Document existing sites with the new Existing Tree tool, analyze slopes on site models with a new parametric Grade tool, and create stepped walls and retaining walls with just a few clicks. Site models update faster than ever before, and with new contour colors, you can make your drawings and presentations as beautiful as their inspiration. This breakthrough release will have a dramatic impact on both your workflow and your designs.

Flexible:

Enjoy the Freedom to Design the Way You Want

Work on any size project in 2D or 3D. Design whatever you can dream up. With the Vectorworks Landmark application, you're not limited by the software. The possibilities are wide open.

Range of Projects

Work on any type of project with a flexible design environment. Design residential plans at ¼-inch scale up to urban plans at 1:1,000 or larger. The elegant design tools easily scale up or down to accommodate your work.

Graceful 2D Designing

Sketch out concepts, create illustrative master plans, and produce precise construction drawings. The sophisticated 2D drafting tools and unique 2D presentation capabilities of the Vectorworks Landmark program make it easy.



Courtesy of Adrian McGregor, Managing Director, McGregor Coxall

Powerful 3D Modeling

Whether you're working in 2D or 3D, the unified view mode lets you draft or model within a unified coordinate system. Intelligent objects display correctly in both views. With an intuitive interface, you design from any 3D view, and enjoy the superior quality that allows you to manipulate your model with ease.

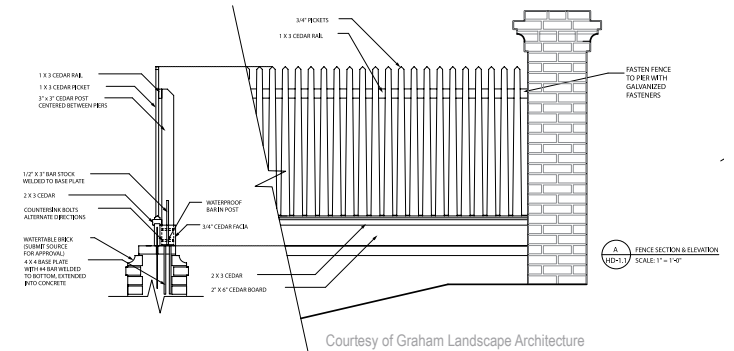
More accurate object information and better snapping make drawing in 3D so easy. The SmartCursor™ helps you by showing hints, like the angle from the previous segment, as you draw. Plus, an advanced suite of solid and NURBS modeling tools allows you to create any freeform shape and easily explore organic geometry. Blend, twist, sculpt, deform, or punch holes. Create stunning 3D renderings and even animated flyover and walk-through movies.

Limitless Designs

Bring your ideas to life. The Vectorworks Landmark program goes beyond planting plans. You can design anything—graphics, ornamentation, hardware, furniture, decking, urban master plans, or whatever you can imagine—without having to learn or use additional applications.

Efficient Workgroup Capabilities

Break up complex projects. Whether you're a sole practitioner collaborating with other professionals or a large firm dividing work among different members of the team, "workgroup referencing" provides a flexible way to split even the most complicated project into manageable pieces.



Courtesy of Graham Landscape Architecture

Easy-to-share CAD Files

Easily exchange files with builders, architects, surveyors, and engineers using AutoCAD®, MicroStation®, or other CAD applications that support DXF/DWG.

Google Friendly

Import concept models from SketchUp® and access thousands of models from Google's 3D Warehouse. Export 3D models to Google Earth®.

Endless Digital Images

Make your work even more compelling and easier to communicate with digital imagery. Import scans, digital photos, or web images. Import or export a wide array of image files, including Illustrator® EPS and native Photoshop® PSD files. Export your design for use in your company's marketing materials and website.



Versatile:

Create, Model, and Present with One Application

Move easily between tasks. From design concepts to documentation, and every design phase in between, the Vectorworks Landmark software marries precision drafting and flexible modeling with state-of-the-art technology. Create, model, and present easily and precisely with one application. With the Vectorworks Landmark application, you can do it all.

The software boasts a comprehensive set of design tools to support your entire practice. You'll have complete functionality for:

Streamlined Site Documenting

This is where it all begins, and no one does it better. Add survey data to the drawing and use it as the basis of your site model, or import CAD drawings and data from architects, builders, or engineers to use as base plans. Download GIS files from the city or state. Scan in planting plans and trace over them with ease. Or, simply enter your field measurements. Use the property line tool to define a site's boundaries and setbacks. Building tools and site objects easily document existing structures and site conditions.



Courtesy of Luciole Design, Inc.

Easy Sketches and Presentations

Find your inspiration. Then rework and refine it with intelligent site model tools—all while analyzing your design for areas, volumes, slope, and other data like zone of visual influence and site model section studies.



"Awesome! Brilliant! Thanks a million."

-Peter Cipes, Peter L. Cipes Building Design

Detailed Construction Drawings

Use our suite of precision drawing tools and intelligent landscaping, irrigation, site design, and road objects to make it easy to lay out plans, elevations, sections, and detail drawings. The exclusive Place Plant tool creates planting beds, with plants at exact intervals or in groupings. Our unique Freehand tool lets you draw organic shapes for beds and water features. Our convenient Hardscape tool creates patterned walkways and areas. A flexible Massing Model tool and suite of architectural objects creates model buildings. When you're ready, you can batch print drawing sets or export them as multi-page PDFs at full or reduced sizes.

Thousands of Free Drag and Drop Resources

Take advantage of our large, free landscape libraries, which include furniture, outdoor equipment, lighting, and irrigation objects. There's no need to re-draw objects when you can use pre-drawn plants, plant images, and thousands of symbols, tile patterns, and hatches from manufacturers like Unilock®.



Courtesy of ecoPlan and Design Graphics



Automatic Reports and Lists

Stop counting items in your drawings. Automatic data tracking does the tedious work for you. The application goes further than automated plant lists and materials takeoffs. It provides a user-defined way to assign custom data to any object and use that information to list materials and perform calculations. Other automated reports calculate and list site volume and cut and fill volumes, or report existing trees, plants, landscape areas, and other data.

Superior Presentations

Define and communicate your signature look with presentation capabilities that are famous for helping our users achieve beautiful, graphically rich presentations. Add gradients, tile and image fills, stipples, and hatching. Easily import digital images and graphics.

Unique Hard/Soft Rendering Switch

Use our distinctive sketch rendering and exclusive plant styling technologies to blur the line between construction and presentation. You can switch between hard-lined drawings and soft, hand-sketched illustrations in the same drawing. Unique page layout capabilities make it a cinch to arrange presentation boards.

Accurate Mapping and GIS

Integrate maps into your work with ease. Import geo-referenced aerial/satellite images and GIS data to be used as they are, or use the outstanding drawing, modeling, and graphics capabilities to embellish them with 2D or 3D graphics for compelling presentations.

Advanced Site Modeling Capabilities

Create grading plans, calculate cut/fill, analyze the site for slope and flow, and present the site in 2D and 3D. Vectorworks Landmark's site modeling capabilities make it all possible.



Courtesy of Morris Architects

Bountiful Plant Images

Flex your green thumb. We've partnered with Xfrog®, the industry's premier developer of botanical models, to provide you with one of the largest plant image libraries available in any CAD application. You'll find photorealistic plant images in several views, including top, elevation, and 3D, as well as seasonal and growth views. Plus, you can dig into a library of stylized plants for more impressionistic presentations.

Renderworks

If you think that Renderworks™ looked good before—wait until you see this! We've teamed with the award-winning CINEMA 4D render engine to provide dramatic speed and quality gains that are integrated right into your application, so you won't waste time importing or exporting the model as the design changes. You'll have deft control of texture mapping and more intuitive shader options to create photorealistic or artistic renderings like never before. And, you'll really move with speed increases that are five to seven times faster for global illumination renders!

Intuitive:

Work The Way You Think

The Vectorworks Landmark software is intuitive. The application was created to mirror the way landscape architects and designers work, so you don't need to focus on the logistics. You're free to focus on the project itself.

Easy-to-use Interface and Drafting Tools

Do what you like to do best—design. You won't waste time getting up to speed because the software's simple, customizable interface and what-you-see-is-what-you-get display make it easier to learn and use than standard CAD applications. No matter what you're switching from, the Vectorworks Landmark software interface will be familiar. Vectorworks' SmartCursor™ technology replaces manual drafting tools, so even inexperienced CAD users can make the switch easily.

Tailored for Your Success

Work in tandem with the application. The Vectorworks Landmark solution is ready to meet the needs of designers, landscape architects, and planners. In addition to designing with lines, arcs, and circles, you can design with tailor-made objects like plants, hardscapes, and walls. Landmark's intelligent objects are easy to edit. If you need to change a plant's spacing or the height of a retaining wall, just type in the changes instead of redrawing them. Plus, intelligent objects display correctly in both 2D and 3D views. With our Pascal-based scripting language, VectorScript™, you can program everything from simple scripts that automate routine tasks to full-blown commercial applications.



Courtesy of Jeffrey Gordon Smith

Smart:

Invest in Yourself

Affordable, customer focused, and proven worldwide—the Vectorworks Landmark software is a smart investment in you.

Affordable

Shop no further—you won't find another professional design application that includes so much for such a reasonable price. In one package, you get state-of-the-art tools and technology along with the ability to work from conception to completion—a great value. You also get free software updates and affordable upgrades. With free technical support and reasonable training costs, you get value far beyond your initial savings. We never force subscriptions, so you're free to upgrade when and how you choose. As your business grows, we add extra seats at a discounted price. For you, that means a lot of great value—and no hidden fees.

Customer Focused

Relax. We're here for you every step of the way. We listen and learn from your input—that's how the Vectorworks Landmark product is created. So your relationship with us doesn't end when you install the software. That's just the beginning. We provide many channels for you to get the information you need. If you'd like training, take advantage of our multiple offerings: onsite, online, or in the classroom. If a technical issue stumps you, contact our technical support team for help. You can also tap into our Vectorworks community with over 450,000 enthusiastic users worldwide and user groups on the local level. E-mail listservs provide assistance around the clock, or you can use a service directory and job board to find help.

Vectorworks users often find themselves in Internet-based dialogues with our engineers and managers. We take pride in cultivating lasting relationships with our users, and we translate their feedback into positive product developments. With your input, we can continue to develop software that exceeds your expectations. After all, your success is our success.

Proven Worldwide

Be part of a long tradition of excellence. Vectorworks was founded 25 years ago, and now counts more than 450,000 design professionals worldwide.

Vectorworks is the best-selling cross-platform professional CAD software and the preferred application for world-renowned landscape architects like DirtWorks PC in New York, Adrian McGregor in Sydney, Andrew Fisher Tomlin in London, and Peter Walker Partners in Berkeley, as well as countless others who power the design world forward every day.

Vectorworks Landmark is produced by Nemetschek Vectorworks, a wholly owned subsidiary of Nemetschek AG, which is the world's leading IT company for the design, construction, and management of buildings and real estate. Nemetschek software solutions are used by design professionals in 142 countries and translated into eight languages.

With Vectorworks Landmark 2011, the tradition continues.

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"The developers of Vectorworks Landmark have been amazing at taking our input, and incorporating them into tools for landscape architects. In many cases, these tools are what I would have created for myself if I knew how to write software."

- Todd McCurdy, FASLA, Landscape Architect



Courtesy of Morris Architects-Morris Terra



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Fontana, Modo Forma; Morris Architects-Morris Terra

System Recommendations

Mac OS X 10.5.7 or later
QuickTime
Intel Core 2GHz or better
DVD-ROM drive (dual layer)
Screen resolution, 1280 x 800 recommended
Display color depth 15 bit or higher

Windows XP SP 3
Windows Vista SP 2
Windows 7
QuickTime 7.6.0 to 7.6.6 (higher versions not recommended)
Pentium 2GHz or better
DVD-ROM drive (dual layer)
Screen resolution, 1280 x 800 recommended
Display color depth 15 bit or higher

Vectorworks
RAM 1GB minimum, 2GB recommended
Hard drive space 10GB free

Vectorworks with Renderworks
RAM 2GB minimum, 4GB recommended
Hard drive space 10GB free

Vectorworks Designer
RAM 1GB minimum, 2GB recommended
Hard drive space 10GB free

Vectorworks Designer with Renderworks
RAM 2GB minimum, 4GB recommended
Hard drive space 10GB free

See www.vectorworks.net/sysreq/ for updated information.