

REALIZE YOUR MOST INSPIRED VISIONS



Vectorworks® Landmark 2013
EVOLVE WITH VECTORWORKS LANDMARK



VECTORWORKS LANDMARK 2013

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

Invest in Yourself

As your process evolves, the tools you use to realize your creative visions need to evolve, as well. We understand this, and we've worked throughout the past year to adapt the Vectorworks family of design solutions to your needs.

Evolve.

Increase your efficiency. Boost your productivity. Go where you want to go. We know your design process is evolving. With new technology in the Vectorworks Landmark 2013 software, you can create whatever you dream up—with even greater efficiency and increased productivity. Our flexible, intuitive, and smart features continue to give Vectorworks Landmark software the edge in drawing, 3D modeling, Site Information Modeling (SIM), Building Information Modeling (BIM), integrated rendering, and high-quality presentations. You get better collaboration, and efficient features. Streamline your workflows...improve your efficiency...evolve with Vectorworks 2013.

FLEXIBLE: ENJOY THE FREEDOM TO DESIGN THE WAY YOU WANT

With Vectorworks Landmark software, you're not limited to a prescribed workflow, so you have the freedom to design in your own way. Incorporate your existing approach to design to make the best use of the skills you already have. Collaborate seamlessly with co-workers and colleagues who use other software applications. Here are some of the compelling reasons to purchase or upgrade:

Free-form Modeling

With our intuitive interface, you can design from any 2D or 3D view using modes in drawing and modeling tools that automatically sense working planes as you move your cursor, and enjoy the superior quality that allows you to manipulate your drawings and models with ease. More accurate object information and better snapping make drawing and modeling easy. The SmartCursor™ helps by showing hints, like the angle from the previous segment, as you draw. Plus, an advanced suite of solids and NURBS surface tools lets you create any shape and easily explore organic geometry. Push, pull, blend, twist, sculpt, deform, or punch holes. Anything's possible with Vectorworks Landmark 2013.



Courtesy of Adrian McGregor, McGregor Coxall

Design Anything

Bring your ideas to life. Many CAD applications restrict your ability to design beyond a core discipline. The Vectorworks Landmark program goes beyond planting plans. You can design anything—graphics, ornamentation, hardware, hardscapes, plant symbols, furniture, decking, master plans, or whatever you can imagine—without having to learn or use additional applications.

Range of Projects

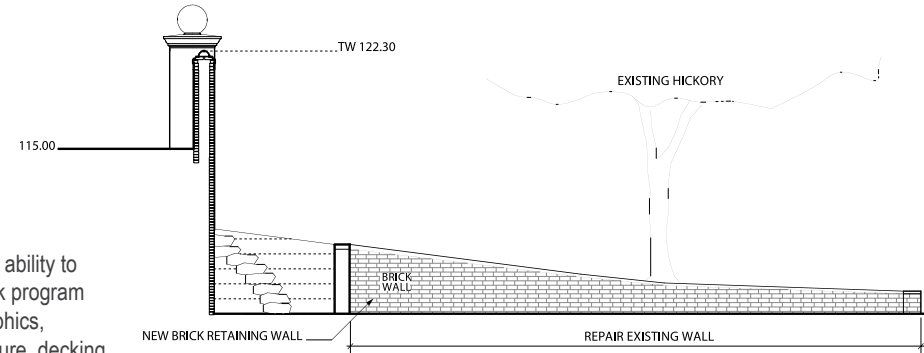
Work on any type of project within a flexible design environment. Design residential plans at 1/4-inch scale up to master plans at 1:1,000 or larger. The design tools easily scale up or down to accommodate your work.

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, Vectorworks Landmark's workgroup referencing provides a flexible way to split even the most complicated project into manageable pieces.

Interoperability

Get on the cutting edge of collaborative digital practice, and exchange drawings and models fluidly with Vectorworks software's IFC 2x3 or DWF translators. Exchange 3D NURBS models with Rhinoceros® 3D. Import concept models from SketchUp® and access thousands of models from Trimble® 3D Warehouse. Import and export AutoCAD® 2012 DXF/DWG (and earlier) files. Send out drawing sets as multi-page PDFs or DWFs, or import PDFs for reference. Export 3D models to Google Earth®.



Courtesy of Graham Landscape Architecture.

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. Also, export your design for inclusion in your firm's marketing materials or website.

Completely Customizable Programming

Automate routine tasks or create full-blown add-on applications with our Pascal-based scripting language, VectorScript™. It's simple enough for a beginner, yet powerful enough for the most experienced CAD programmer.

"We always use Vectorworks on preliminaries. That's typically the way we work—everyone here has to do that. It's much more refined than AutoCAD®." – Peter Walker, PWP Landscape Architecture



VERSATILE: CREATE, MODEL, AND PRESENT WITH ONE APPLICATION

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

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

Powerful Conceptualization

Find your inspiration and start drawing. Or, if you would like, import hand sketches, pictures of the site, and even documents or models from other applications. Invoke ideas in 2D, and explore them in 3D with free-form models.

Site Information Modeling (SIM)

With Vectorworks Landmark software, you can create site information models without changing your preferred design process. Whether you're looking to streamline costs; analyze your design for areas, volumes, slope, cut/fill, and other data such as water flow and sun/shade; or just create world-class designs, the Vectorworks Landmark solution is an efficient way to introduce SIM capabilities into your workflow. Enjoy the robust and flexible capabilities of SIM with the ease of design, great documentation, and intelligent tools that the software is known for—right from the start.



Courtesy of Lucidre Design, Inc.

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. Use the outstanding drawing, modeling, and graphics capabilities to embellish them with 2D or 3D graphics for compelling presentations.

Mapping and GIS

Integrate maps into your work with ease. Add survey data to your 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. Import geo-referenced aerial/satellite images and GIS data files from federal, city, state, or other agencies.

Extensive Automated Reporting and Database Support

Stop manually counting plants, planting areas, hardscape areas, other multiple site features in your drawings and models. Automatic data tracking does the tedious work for you—built-in database worksheets continually keep track as your designs evolve. Take advantage of the two-way link between database worksheets and objects, giving you the power to change object parameters directly from the worksheet. The application goes further than automated schedules and quantity take offs. It provides a user-defined, quick, and accurate way to assign custom data to any object and create unique reports such as LEED- and SITES-required water budgets and storm water run-off calculations.

In addition, the Notes Manager database lets you store, manage, and recall document notation, while the Issue Manager keeps track of what, when, and to whom drawings and files were issued, and it automatically dates your title blocks.

When it is important to connect to data sources outside of Vectorworks software, our ODBC module gives you the power to link to databases and connect objects in Vectorworks to the external records and fields for bi-directional reporting and control.



Courtesy of the Office of James Burnett



Industry Content Out of the Box

Take advantage of our large 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®.

Flex your green thumb, too. 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.

Superior 2D Documentation

Produce high-quality documentation with ease. Use our suite of precision drawing tools and intelligent landscaping, irrigation, site design, and road objects to lay out plans, elevations, sections, and detail drawings. The exclusive Place Plant tool creates plantings by placing symbols, individually or spaced equally, in groups. Our unique Freehand tool lets you draw organic shapes for beds and water features. Our convenient Hardscape tool creates patterned walkways and areas, including the border and joint scoring. A flexible Massing Model tool and suite of architectural objects creates model buildings. Batch print drawing sets or export them as multi-page PDFs or DWGs at full or reduced sizes.

Powerful Presentations

Define and communicate your signature look with our advanced, high-end technology that's famous for helping our users achieve beautiful, graphically rich presentations. Tap into our large libraries of entourage and unlimited palettes of colors. Easily import digital images and graphics. Multiple page layout options make it simple to arrange presentation boards.



Courtesy of Morris Architects | Morris Terra

Your signature style can be incorporated into your designs with the software. Add gradients, tile and image fills, stipples, and hatching. Use our distinctive sketch rendering and exclusive plant styling technologies to blur the line between construction and presentation.

Renderworks

We've teamed with the award-winning CINEMA 4D render engine to provide rendering capabilities that are faster and easier than stand-alone rendering applications. Renderworks® is fully integrated into Vectorworks software, so it works seamlessly to allow you to visualize your work throughout the design process, producing clear and accurate renderings. With the click of a button, rendered viewports will update as your design evolves.

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 exclusively on the project itself.

"You get the power of CAD in Vectorworks Landmark combined with the beauty and simplicity of drawing on paper."

– Todd McCurdy, Morris Architects | Morris Terra

INTUITIVE: WORK THE WAY YOU THINK

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 Vectorworks Landmark 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 interface will be familiar. Vectorworks software's 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. Vectorworks Landmark software is designed to work the way you think. In addition to designing with lines, arcs, and circles, you can design with walls, plants, hardscapes, landscape areas, landscape walls, grading, irrigation lines, roadways, property lines, massing models, and more. The site objects are easy to edit and display in both 2D and 3D views. And with our scripting language, VectorScript, you can program everything from simple scripts that automate routine tasks to full-blown commercial applications.

"The ease of interaction with the software and the friendly platform make it easy for a lay person to use a new software application and eventually adopt it as their main tool during project development."

— Oscar Bressane | Oscar Bressane Arquitetura e Paisagismo Ltda.
São Paulo, Brazil



SMART: INVEST IN YOURSELF

Affordable, customer-focused, and proven as the tool of choice for 450,000 designers worldwide—the Vectorworks Landmark software is a smart investment in you.

Affordable

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 and the ability to work from concept through completion—what a great value. You also get free service packages, technical support, and affordable training options. Plus, become a member of our Vectorworks Service Select program, and you'll receive free software updates, additional learning resources, preferred support status, access to Vectorworks Cloud Services, and predictability for your budget. Service Select is the best way to stay current with your software and get the best value.

Customer-focused

Relax. We're here for you every step of the way. We listen and learn from your input—that's how Vectorworks Landmark software is created. Your relationship with us doesn't end when you install the software. Instead, 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 of enthusiastic users worldwide, as well as user groups on the local level. Email listservs provide additional assistance around the clock, or you can use our 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.

A Tradition of Excellence

The company was founded more than 27 years ago, and the Vectorworks product line now serves more than 450,000 professional designers worldwide. We listen to our customers and use their feedback to create products that continually exceed their expectations, delivering superior design flexibility and world-class graphics.

The Vectorworks product line is the best-selling, cross-platform professional CAD software and the preferred application for world-renowned and award-winning professionals who move the design world forward every day.

Vectorworks Landmark software is produced by Nemetschek Vectorworks, Inc., a wholly owned subsidiary of the Nemetschek Group, a leading global software provider for the architecture, engineering, and construction market (AEC). Nemetschek Vectorworks software solutions are used by design professionals in 85 countries and translated into 10 languages.

With Vectorworks Landmark 2013, the tradition continues.

"Anytime you have a drafting program in which you're able to make changes quickly and send out your ideas quickly you save time, and we definitely were able to do that. – Emma Johnson, Landscape Architect, LRSLAstudio, Philadelphia, PA



Courtesy of Landscape Architect Peter Walker



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System Recommendations

Mac OS X 10.6.8 or later
QuickTime
Intel Core 2, 2.0GHz or better
DVD-ROM drive (dual layer)

Windows XP SP 3
Windows Vista SP 2
Windows 7 SP 1
QuickTime 7.7.0 to 7.7.2 (higher versions not recommended)
Pentium 2GHz or better
DVD-ROM drive (dual layer)

RAM*

1GB minimum
4GB highly recommended
8GB recommended for large files and complex renderings

Graphics

1024x768 minimum
1280x800 recommended
512MB VRAM minimum, 1GB+ VRAM recommended for high-quality rendering

*Vectorworks 2012 and Vectorworks 2013 contained improvements that placed significantly higher demand on the graphics hardware. The performance and quality of the graphics provided by Accelerated Navigation and Improved OpenGL Shadows depend directly on the speed and memory of the graphics card. These new features have the potential to provide a very fast and fluid experience when used on capable hardware, and a noticeably slower experience when used on older or incompatible hardware. **In general, the more powerful your video card is, the better your Vectorworks experience will be.**

For the latest information on our video card recommendations for Vectorworks 2013, see the following Knowledgebase article: <http://kbase.vectorworks.net/questions/714>.

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

