

REALIZE YOUR MOST INSPIRED VISIONS



Vectorworks® Spotlight 2013
EVOLVE WITH VECTORWORKS SPOTLIGHT



VECTORWORKS SPOTLIGHT 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. If you're a lighting designer with an efficient CAD workflow, or if you're a scenic designer or event planner beginning to transition to using CAD, we know your process as a designer is evolving. With new technology in the Vectorworks Spotlight 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 Spotlight software the edge in drawing, 3D modeling, information modeling, integrated rendering, and high-quality presentations.

FLEXIBLE: ENJOY THE FREEDOM TO DESIGN THE WAY YOU WANT

With the Vectorworks Spotlight program, you're not limited to a pre-scribed 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 in-house. Collaborate seamlessly with co-workers and colleagues who use other software applications. Here are some compelling reasons to purchase or upgrade:

- Use a quick sketch or a simple diagram when that's all you need.
- Put together winning 2D/3D presentations.
- Turn your project team loose with the outstanding production tools of the Vectorworks software.

Free-form Modeling

With our intuitive interface, you can design from any 3D view using modes in modeling tools that automatically infer working planes as you

move your cursor, 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 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 is possible with Vectorworks Spotlight 2013.

Stellar Lighting

Experience the Vectorworks Spotlight program's renowned lighting design capabilities. Quickly create light plots, automate paperwork, and visualize your design in rendered 3D views. For high-end lighting simulation, move your models seamlessly to ESP Vision to cue and program your show.

"Vectorworks has changed my life. It's a fantastic, amazing piece of innovation." – Vince Foster, Vince Foster Lighting Design

Enticing Exhibits, Productions, and Events

Make it an affair to remember. Easily import venues from facilities managers and hospitality staff, or build them using the software's easy-to-use tools and pre-drawn resources. With the cutting-edge event-planning suite, you can quickly create the room, stage, steps, lectern, video screens, and seating. Plus, you can create standard views to show to your client, and generate reports for the total number of tables and chairs in your room.

Efficient Workgroup Capabilities

Break up complex projects. 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 share your information fluidly with Vectorworks software's numerous file translators, including Parasolid X_T, IGES, SAT, STL, and 3DS. Exchange 3D NURBS models with Rhinoceros®. You can also import concept models from SketchUp® and access thousands of models from Trimble® 3D Warehouse, or even import and export AutoCAD® 2012 (and earlier) files or use DWF. In addition, you can send out drawing sets as multi-page PDFs.

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.





VERSATILE: CREATE, MODEL, AND PRESENT WITH ONE APPLICATION

Move easily between tasks. From design concepts to construction documentation and every phase in between, Vectorworks Spotlight marries precision drafting and flexible modeling with state-of-the-art technology for advanced lighting, visualization, and production tools. Easily draft light plots, create stunning set designs, and lay out your exhibits and events while simultaneously automating paperwork and visualizing design concepts in 3D. Create, model, and present easily and precisely with one application. With Vectorworks Spotlight 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 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.

Extensive Automated Paperwork and Database Support

Stop manually counting items in your drawings. Automatic data tracking does the tedious work for you—built-in database worksheets continually keep tabs. Built-in paperwork functions allow you to quickly generate customized reports like schedules, inventory/rental lists, and channel and dimmer hookups, as well as magic sheets, color cut lists, and hanging cards. Take advantage of the two-way link between database worksheets

“The great thing about Spotlight is that the program allows me to think as a lighting designer and get realistic lighting as part of my renderings.

I think realistic lighting really makes or breaks a good rendering.”

— Christien Methot, design one corporation

and objects, and gain the power to change object parameters directly from the worksheet. The application goes further than automated schedules and materials take offs. It provides a user-defined, quick, and accurate way to assign custom data to any object and create unique reports.

The Notes Manager database lets you store, manage, and recall document notation. 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's important to connect to data sources outside the Vectorworks platform, our ODBC module gives you the power to link to databases and connect objects in the Vectorworks Spotlight program to the external records and fields for bi-directional reporting and control.

Superior 2D Documentation

Produce high-quality documentation with ease. In addition to a suite of precision drafting tools, Vectorworks Spotlight software gives you access to extensive libraries of lighting instruments, accessories, scenic elements, architectural objects, audio objects, video objects, machine parts, and furniture from leading manufacturers. Just drag and drop them into your projects. Then, batch print drawing sets or export them as multi-page PDFs or DWFs 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. Your style is not limited by “cookie-cutter” looks. Instead, add gradients, tile and image fills, stipples,

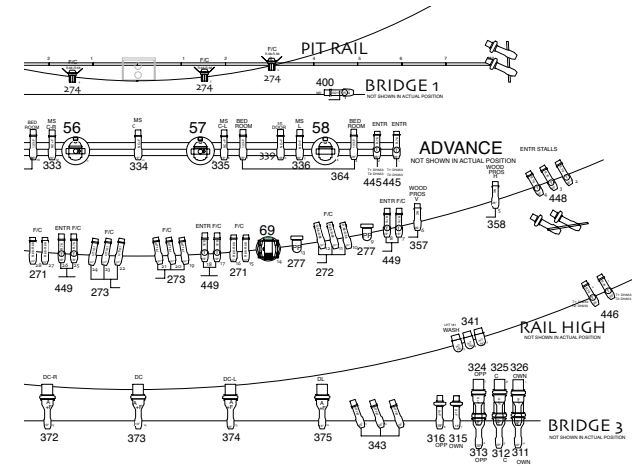




and hatching. Easily import digital images and graphics. Use our exclusive sketch rendering technology to change hard-lined drawings into soft, hand-sketched illustrations. Multiple page layout options make it simple to arrange presentation boards.

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 Spotlight software, so it lets you seamlessly visualize your work throughout the design process, and produce clear and accurate renderings. With the click of a button, rendered viewports will update as your design evolves.



Imagery courtesy of Howard Harrison, Mamma Mia! lighting design by Mark Thompson



Courtesy of Markus Dohner

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 Spotlight 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 Spotlight application interface will be familiar. In addition, 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 Spotlight software is designed to work the way you think. In addition to designing with lines, arcs, and circles, you can design with lighting devices, stage platforms, video screen objects, speakers, soft goods, trusses, focus points, walls, doors, windows, roofs, and slabs. The building and entertainment 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.

"I found the Vectorworks user interface to be highly intuitive and easily customizable. Most importantly, it is widely used by my colleagues and has emerged as a new industry standard."

– Tyler Littman, Sholight Entertainment Design Group, LLC



"The XVIII Commonwealth Games opening and closing ceremonies." Courtesy of Peter Neufeld for The Electric Canvas

SMART: INVEST IN YOURSELF

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

Affordable

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 Spotlight software evolves. This means 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. E-mail listservs provide additional assistance around the clock, or you can use our service directory and job board to find help.

"There are many fine and talented folks who generously share their wit and wisdom with all. The online community is populated with various levels of Nemetschek Vectorworks employees (support personnel all the way to VPs) who chime in quite regularly."
— Patrick J. Immel

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 designers, as well as countless others who power the design world forward every day.

Vectorworks Spotlight 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 Spotlight 2013, the tradition continues.



Courtesy of Steve Shelley



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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.

