

# Appendix G: Digital Design Tools Directory

---

Please note that descriptions are based on vendor product or marketing literature and do not represent an independent evaluation.

## 3D Studio VIZ (now Autodesk VIZ)

Autodesk, Inc.  
111 McInnis Parkway  
San Rafael, CA 94903  
Ph: 415-507-5000  
Fax: 415-507-5100  
[www.autodesk.com](http://www.autodesk.com)

Autodesk VIZ is a 3D modeling, rendering and presentation software that provides state-of-the-art image creation technologies for developing compellingly realistic design visualizations.

## 3ds max

Autodesk, Inc.  
111 McInnis Parkway  
San Rafael, CA 94903  
Ph: 415-507-5000  
Fax: 415-507-5100  
[www.autodesk.com](http://www.autodesk.com)

3ds max contains the essential high-productivity tools required for creating eye-catching film and television animation, cutting-edge games and distinct design visualizations. It offers designers and engineers professional high-quality results with its advanced animation and rendering tools for visualizing industrial, mechanical and architectural designs. 3ds max can achieve photo-realistic results for product designs, marketing launches, virtual building layouts or corporate presentations with 3ds max.

## AccuRender

Robert McNeel & Associates  
3670 Woodland Park Avenue North  
Seattle, WA 98103  
Ph: 206-545-7000  
Fax: 206-545-7321  
[www.accurender.com](http://www.accurender.com)

AccuRender creates stunning, life-like images from 3-D models inside AutoCAD, Architectural Desktop, Mechanical Desktop, Revit or Rhino. It is the only renderer that uses raytracing and radiosity technologies to create high quality, photo-realistic, still, panorama and animation image files. Over 5,000 materials, 500 plants and 300 light fixtures are included with AccuRender. Additionally, AccuRender provides a materials editor to create specialized materials from bitmaps or procedural patterns.

## ActiveProject

Framework Technologies Corp  
32 Third Avenue  
Burlington, MA 01803  
Ph: 781-270-6554

Fax: 781-270-5023  
[www.frameotech.com](http://www.frameotech.com)

Centralizing all project information in secure, online workspaces, ActiveProject unites an organization's extended enterprise instantaneously, 24/7. ActiveProject makes it easy for every team member to communicate with whomever they need to, whenever they need to, with the most up-to-date and accurate information. ActiveProject continuously synchronizes key information, milestones and critical communications among all members of an organization's distributed product introduction team, reducing product introduction barriers and fostering team collaboration.

## Adobe

Adobe Systems Incorporated  
345 Park Avenue  
San Jose, CA 95110  
Ph: 800-833-6687 or 408-536-6000  
Fax: 408-537-6000  
[www.adobe.com](http://www.adobe.com)

### Adobe Acrobat

Adobe Acrobat software enables business, creative and engineering professionals who work with graphically complex documents to improve the reliability and efficiency of business-critical document exchange by creating documents in a PDF format.

### Adobe Acrobat Distiller

Adobe Acrobat Distiller Server 6.0 software enables workgroups to convert Adobe PostScript files to compact, reliable, and more secure Adobe Portable Document Format (PDF) files over a network.

### Adobe After Effects

Adobe After Effects delivers a comprehensive set of tools to efficiently produce motion graphics and visual effects for film, video, multimedia and the Web. It allows the user to explore unlimited creative possibilities with precise control while working in a 2D or 3D compositing environment.

### Adobe Illustrator

Illustrator remains the vector graphics tool of choice for design. With versatile transparency capabilities, live object and layer effects and an overprint preview mode, Illustrator provides the control needed to achieve the highest quality output.

### Adobe InDesign

Adobe InDesign delivers the page layout tools for graphic design. It allows more creativity by delivering intuitive features that reduce elaborate design tasks to a few quick steps. When ready to print, the results are precise and reliable. It also easy to move beyond print with built-in support for publishing pages anywhere.

### Adobe PageMaker

Adobe PageMaker is the ideal page layout program for business, education and small and home-office professionals who want to create high-quality publications such as brochures and newsletters.

### Adobe Photoshop

Adobe Photoshop, the professional image-editing standard, helps work be more efficient, while exploring new creative options and producing the highest quality images for print, the Web and anywhere else. Photoshop provides the ability to create exceptional imagery with easier access to file data, streamlined Web design and faster, professional-quality photo retouching.

### **Adobe PostScript**

PostScript is a worldwide printing and imaging standard. Used by print service providers, publishers, corporations, and government agencies around the globe, PostScript gives you the power to print visually rich documents reliably. PostScript printing technology is licensed to original equipment manufacturers (OEMs) for building high-performance printing systems and print workflow solutions. As a scalable architecture, it can be easily integrated into a wide range of devices and technologies while maintaining the high quality and performance you expect from Adobe.

### **Adobe Premiere**

Adobe Premiere delivers hardware support being an adaptable DV-editing tool. It allows for more productive work with real-time Preview. For editing on a laptop or working with multiple layers of analog footage on a professional, hardware based, real-time system, Adobe Premiere is a choice for desktop video editing.

### **Adobe Reader**

Adobe Reader 6.0 is free software that lets you view and print Adobe Portable Document Format (PDF) files on a variety of hardware and operating system platforms

### **Alias**

Alias  
210 King Street East  
Toronto, Ontario, M5A 1J7, Canada  
Ph: 416-362-9181  
Fax: 416-369-6140  
[www.alias.com](http://www.alias.com)

### **Alias AutoStudio**

AutoStudio allows transportation designers both freedom and flexibility for total creativity, and the precision and accuracy of CAD software. AutoStudio provides a comprehensive suite of tools that enable complete integration throughout the entire shape definition process, from concept sketches through Class-A surfacing.

### **Alias DesignStudio**

DesignStudio is an entry-level conceptual design system for building and visualizing freeform organic designs. DesignStudio presents Adobe's industry-leading NURBS-based 3D modeling and visualization tools in one affordable package. DesignStudio lets the industrial designers create mathematically accurate objects as easily as freeform organic shapes. It enables the evaluation and refinement of designs while visualizing the models. The user can present designs in the best possible light with photo-realistic renderings and animations, all within a single creative environment.

### **Alias Power Animator**

Power Animator is a design tool that was once sold as a separate product. It can now only be purchased within the Studio Tools package. The Studio line of products is a different bundle of the same tools with further developments as new versions are released. Power Animator last shipped version 9.0.

### **Alias Sketchbook Pro**

Alias Sketchbook Pro allows use of fast, high-quality and responsive pencils, markers, pens, brushes and airbrushes in millions of colors. Brush customization can also be used to create personalized brushes, pens, erasers, airbrushes, highlighters, chisel brushes or smear brushes, varying their size, transparency, roundness, slant and stamp spacing. Alias Sketchbook Pro also uses standard image format to open and save in formats such as GIF, TIF, BMP, JPG, or PNG.

### **Alias Studio**

StudioTools is a scaleable software solution starting with DesignStudio as the entry-level conceptual design system, progressing to Studio, and then to AutoStudio as the top-of-the-line product with all of the options. Each product provides designers with a comprehensive suite of tools that enables complete integration

throughout the entire design process from concept sketches through engineering and manufacturing. These tools allow designers to use a skill that they all have, sketching to quickly create and iterate on design concept. StudioTools is the only 3D-design software with integrated paint and sketch tools.

### AlphaGraphics

AlphaGraphics, Inc  
268 South State St., Suite 300  
Salt Lake City, UT 84111  
Ph: 800-955-6246  
Fax: 801-595-7271  
[www.alphagraphics.com](http://www.alphagraphics.com)

Leading businesses across the US and around the globe look to AlphaGraphics as their one-stop source for world-class designing, copying, printing, and digital document management.

### Apache HTTP (Web) Server

The Apache Software Foundation  
1901 Munsey Drive  
Forest Hill, MD 21050  
[www.apache.org](http://www.apache.org)

The Apache HTTP (web) Server project is an effort to develop and maintain an open-source HTTP server for modern operating systems including UNIX and Windows NT. The goal of this project is to provide a secure, efficient and extensible server that provides HTTP services in sync with the current HTTP standards.

### Apple

Apple Computer, Inc.  
1 Infinite Loop  
Cupertino, CA 95014  
Ph: 408-996-1010  
[www.apple.com](http://www.apple.com)

#### Apple Macintosh OS 9

Mac OS 9 is system software for the Macintosh platform, which includes over 50 new features. Among them are a searching program that finds not just files, but even Web pages and words inside files, a multiple-users feature that stores a separate desktop for each user and one-click file encryption.

#### Apple Macintosh OS X

Mac OS X lets the user organize and create digital media with simplicity. It is a complete suite of Internet software, which offers intuitive communications capabilities. Mac OS X provides a common interface, called Aqua, across every application and the utilities needed to control and customize.

#### Apple QuickTime

QuickTime is an easy-to-use application for playing, interacting with, or viewing any video, audio, VR or graphics file that is compatible with QuickTime.

#### Apple QuickTime Virtual Reality (QTVR)

QuickTime Virtual Reality technology takes a series of 2D digital images of a space and stitches them together to create a 360-degree environment that a user can navigate with zoom capabilities. The technology can also be used to create 360-degree views around a stationary object.

### Arc Second

Arc Second  
44880 Falcon Place, Suite 100

Dulles, VA 20166  
Ph: 703-435-5400  
Fax: 703-435-5994  
[www.pocketcad.com](http://www.pocketcad.com)

### **Arc Second PocketCAD**

PocketCAD is considered by some the Mobile CAD Standard. It supports both Autodesk and MicroStation. Because it licenses technology from both Autodesk and Bentley, users can feel secure in knowing that they won't lose valuable data in the migration of drawings from the desktop to the handheld and back again.

### **ARCHIBUS Inc.**

18 Tremont St.  
Boston, MA 02108  
Ph: 617-227-2508  
Fax: 617-227-2509  
[www.archibus.com](http://www.archibus.com)

### **ARCHIBUS ARCHIBUS/FM**

ARCHIBUS/FM is a complete, integrated suite of applications that addresses all aspects of facilities and infrastructure management.

### **ARRIS**

Sigma Design International  
5521 Jackson Street  
Alexandria, Louisiana 71303  
Ph: 318-449-9900  
Fax: 318-449-9901  
[www.arriscad.com](http://www.arriscad.com)

ARRIS is an advanced design and construction documentation solution. ARRIS creates 2D/3D building designs with true architectural elements such as walls, doors, windows, roofs, slabs, fixtures, and furniture. It is a perfect blend of drawing tools, advanced 3D modeling tools, organizational tools and collaboration tools.

### **Art-lantis**

ABVENT  
360 Notre-Dame West Street, Suite 402  
Montreal, QC H2Y1T9  
Canada  
Ph: 514 842 1050  
Fax: 514-842-1055  
[www.abvent.com](http://www.abvent.com)

Art•lantis is a photo-realistic rendering and animation tool incorporating state-of-the-art technologies and ergonomics. With its powerful rendering engine, implementing Mart technology, today Art•lantis reaches an unprecedented level of speed performance and makes realism attainable by just a few mouse clicks.

### **Autodesk**

Autodesk, Inc.  
111 McInnis Parkway  
San Rafael, CA 94903  
Ph: 415-507-5000  
Fax: 415-507-5100  
[www.autodesk.com](http://www.autodesk.com)

### **Autodesk Architectural Desktop**

With a streamlined user interface, customizable tool palettes, direct object manipulation, automated file and level management and integrated photo-realistic rendering and animation, Autodesk Architectural Desktop provides more productivity, better coordination and smoother collaboration and data exchange.

### **Autodesk Architectural Studio**

Autodesk Architectural Studio is the design communication tool for sketching, modeling, presenting and collaborating. It combines the ease and simplicity of traditional design tools and practices with the power and speed of technology, minus the hassle of learning complex programs.

### **Autodesk AutoCAD**

AutoCAD is the 2D drafting and detailing and 3D design tool used by more designers worldwide than any other CAD software. It provides native DWG compatibility, plus users can personalize or program the software or add a third-party application to meet specific design requirements. AutoCAD integrates new and enhanced productivity tools, presentation graphics, CAD standards and more for faster, easier data creation and sharing.

### **Autodesk Buzzsaw**

Autodesk Buzzsaw Professional and Autodesk Buzzsaw Standard help keep project teams connected and on the same page. These powerful services help achieve more team productivity, profitability and project control throughout the project lifecycle.

### **Autodesk Inventor**

With superior productivity tools and unparalleled ease of use, Autodesk Inventor 8 offers the smartest choice in 3D mechanical design software for the manufacturing industry.

### **Autodesk MAP**

Designed for mapping technicians, planners, utility managers, designers, and cartographers, Autodesk Map 3D software is the foundation of your complete infrastructure management solution.

### **Autodesk Mechanical Desktop**

Autodesk Mechanical Desktop is a flexible 3D solid modeling system with advanced drafting, detailing and documentation capabilities.

### **Autodesk Project Point**

Autodesk Project Point is an online project management-tracking tool that can be used to manage building projects more efficiently. Project Point allows owners, architects, project managers and all those working on a project to communicate, view documents, pictures, schedules, updates, and markups in one secure online location in real time during all phases of construction on any given project.

### **Autodesk Revit**

Autodesk Revit allows more time for the real work of delivering the best possible quality on building projects. Its parametric change technology means that any change to any part of the building design or documentation is automatically reflected everywhere else for improved productivity, coordination and quality.

### **Autodesk VIZ**

Autodesk VIZ (formerly 3D Studio VIZ) is the 3D visualization solution that introduces a new generation of global illumination rendering for richer, more realistic images that better predict what the design will look like under various lighting conditions.

## basIColor Display

Integrated Color Solutions  
60 Madison Avenue  
Suite 1105-1106  
New York, New York 10010  
Ph: 212-683-0585  
Fax: 212-683-0578  
[www.icscolor.com/home](http://www.icscolor.com/home)

basICColor Display 2.5 is the industry leading monitor calibration and profiling software for Macintosh. basICColor simplifies and enhances the exchange and reproduction of images across a wide variety of devices, from your scanner, to your monitor, to your printer. Protecting the integrity of the original image, basICColor allows designers and printers to focus on their work and not their equipment.

## Bentley

Bentley Systems, Inc.  
685 Stockton Drive  
Exton, PA 19341  
Ph: 610-458-5000 or 1-800-BENTLEY  
[www.bentley.com](http://www.bentley.com)

## Bentley ProjectWise

Bentley ProjectWise is the AEC content management solution for the engineering office. Users can consolidate decentralized engineering content into a single presentation to ensure that all project team members have access to the right data when they need it. This three-tier solution leverages existing network infrastructures and provides a common platform for the management of content created by Bentley's portfolio of engineering applications. Related project documents can also be stored, viewed and annotated within the Bentley ProjectWise environment. This allows the creation and management of project content throughout the design and construction process, as well as, the reuse of that content during the operational lifetime of the built asset.

## BOMA, International

120 South LaSalle Street  
Suite 1400  
Chicago, IL 60603-3401  
Ph: 312-236-5237  
Fax: 312-236-5766  
[www.boma.org](http://www.boma.org)

BOMA StandardWare

StandardWare allows you to graphically measure and calculate BOMA rentable area by importing your CAD drawings and automatically configuring the space in compliance with the BOMA standard. Designed to run in a Windows environment, the software can use any Computer Aided Design (CAD) drawing based in a DXF format.

## Brava! Viewer

Informative Graphics Corp  
4825 E. Cactus Road, Suite 445  
Scottsdale, AZ 85254  
Ph: 602-971-6061  
[www.bravaviewer.com](http://www.bravaviewer.com)

Brava contains a comprehensive suite of view, markup, and analysis tools. It allows the user to view a variety of formats easily, using only a Web browser. Because it is Web-based there is less software to buy, install, and maintain. Brava is intuitive and easy to use, thus no training is required. It enables downstream users to view relevant files, regardless of their technical expertise or physical location.

### **Bricsnet|FM**

Bricsnet|FM  
35 Leveroni Court, Suite 200  
Novato, CA 94949  
Ph: 415-884-5678  
[www.bricsnet.com](http://www.bricsnet.com)

### **Bricsnet|FM Building Center**

Building Center provides the building owner, property manager, corporate real estate personnel or portfolio manager with a robust real estate portfolio management software solution. From a single database accessed with a standard web browser users can view, share and update property, project, asset, maintenance, leasing and space information providing a flexible, fast and efficient way to manage every aspect of a real estate portfolio.

### **Bricsnet|FM Project Center**

Project Center is a Web-based project management software application designed to ensure the efficient and cost effective completion of any construction project, regardless of its size or scope. Working in collaboration over the Internet, team members always have access to the latest project information - regardless of geographic location or time zone.

### **Camtasia**

TechSmith Corporation  
2405 Woodlake Drive  
Okemos, MI 48864  
Ph: 517-381-2300 or 800-517-3001  
[www.techsmith.com](http://www.techsmith.com)

### **Camtasia Studio**

Camtasia Recorder is at the heart of Camtasia Studio, recording industry standard AVIs of screen activity in real-time. Unlike applications that create animated slideshows from static screenshots, Camtasia Studio records all the dynamic activity on the users PC screen, including mouse movement, keyboard action, scrolling windows, animation and video, pop-up windows, animated CAD designs and error messages. The AVIs produced by Camtasia Recorder can be edited through Camtasia Producer. Camtasia Effects adds annotations, ScreenPad shapes, and text notes to AVI videos after recording. Camtasia Studio also includes Camtasia Player to preview Camtasia Studio videos and share them in AVI format.

### **CAVE**

The CAVE is a multi-person, room-sized, high-resolution 3D video and audio environment invented at Electronic Visualization Lab of the University of Illinois at Chicago in 1991. Graphics are projected in stereo onto three walls and the floor, and viewed with active stereo glasses equipped with a location sensor. As the user moves within the display boundaries, the correct perspective is displayed in real-time to achieve a fully immersive experience.

### **Cimmetry Systems**

Cimmetry Systems, Inc.  
24 Mount Auburn Street, Suite 200N  
Cambridge, MA 02138  
Ph: 800-361-1904  
[www.cimmetry.com](http://www.cimmetry.com)

### **Cimmetry Systems AutoVue**

AutoVue provides powerful viewing printing, plotting and conversion features, supporting over 200 2D CAD, raster, vector, hybrid, engineering, graphical and business document formats.

### Citadon

Citadon, Inc.  
201 Mission Street, Suite 2700  
San Francisco, CA 94105  
Ph: 415-882-1888  
Fax: 415-882-1899  
[www.citadon.com](http://www.citadon.com)

### Citadon CW

Citadon CW provides secure online workspaces for collaboration on the design, construction and operation of large, complex capital projects. As a complete solution, Citadon CW combines business process management with a comprehensive document management and team collaboration system. Highly scalable, reliable and configurable, Citadon CW automates and streamlines business processes and communications within and across enterprises, resulting in shortened project schedules, reduced costs and increased productivity. It also handles the online management of and collaboration on all project documents, ensuring that all project team members have the right information at the right time, provides comprehensive document and action item tracking and audit trails, resulting in increased responsiveness and accountability across the entire project team. Citadon CW provides integration and data exchange with other enterprise systems, such as project accounting, allowing firms to leverage their investments in those systems while ensuring that all systems are on the same page at the same time. It can be configured and customized to address the unique business processes of each enterprise, while providing standard templates that leverage industry best practices.

### Citadon ProjectNet

ProjectNet, an ideal solution for small to mid-sized companies, is a completely secure way for all team members to share and access documents around the clock and around the world. Right from the start, ProjectNet allows users to dramatically reduce expenses associated with paperwork, postage, printing, travel, telecom and courier services. Instead, users will have one fast, reliable delivery method for crucial documents—anytime and anywhere, increase security across the board. With full access control and password protection, documents will only reach the people who are intended to see them, and enjoy greater efficiency.

### Constructw@re

Emerging Solutions, Inc.  
3780 Mansell Road, Suite 200  
Alpharetta, GA 30022  
Ph: 770-645-1415  
Fax: 800-374-2260  
[www.constructware.com](http://www.constructware.com)

Constructw@re provides an integrated, centralized technology solution for managing the business processes and workflows of the construction lifecycle. It also features multi-project controls and program management, collaborative workflow processes and accountability, planning and design, pre-construction, construction project controls and cost management.

### Corel

Corel Inc.  
8144 Walnut Hill Lane, Suite 1050  
Dallas, TX 75231  
Ph: 800-772-6735  
Fax: 613-761-9176  
[www.corel.com](http://www.corel.com)

### CorelDRAW

CorelDRAW delivers graphic design and vector animation software for print and the Web. Unique interactive tools set it apart, saving time and making the design process easier. The new 3-point Ellipse, Rectangle and

Curve tools let users create and position shapes in two clicks. And the new convert paragraph text to curves feature allows the user to apply artistic effects to blocks of text.

### Croquet

Viewpoints Research Institute  
1209 Grand Central Avenue  
Glendale, CA 91201  
Ph: 818-332-3000  
Fax: 818-224-9761  
[www.viewpointsresearch.org](http://www.viewpointsresearch.org)

Croquet is an open-source computer software architecture with a focus on collaboration between teams of users that is being developed by the Viewpoints Research Institute and a consortium of developers and is funded in part by the Hewlett Packard Company. The system focuses on interactions inside of a 3D shared space in which each user can see other users and their current work as well as interact with them through “3D Portals.”

### Crystal Method

Dr. Steven Schkolne  
[www.thecrystalmethod2003.com](http://www.thecrystalmethod2003.com)

A 3D interactive work, created for the Los Angeles County Museum of Art’s nano exhibit, which translates a visitor’s physical motion into virtual 3D geometry through the use of 3D glasses and a tool with an embedded sensor. This work was created by Dr. Steven Schkolne, and is based on interface research conducted in collaboration with Peter Schröder at the California Institute of Technology.

### DESTINI

Beck  
1807 Ross Avenue, Suite 500  
Dallas, TX 75201  
Ph: 214-303-6200  
Fax: 214-303-6300  
[www.beckgroup.com](http://www.beckgroup.com)

The DESTINI software incorporates object-oriented, parametric modeling technology to develop a rules-based application for the AEC industry. This technology will help design, engineer, estimate, purchase and construct projects substantially faster than is possible today. The goal of this initiative is to enable clients to reduce the total delivery time for their facilities by as much as 40%, with commensurate savings in design and construction costs.

### discreet

San Francisco  
The Landmark @ One Market, 5th floor  
San Francisco, CA 94105  
Ph: 415-547-2000  
[www.discreet.com](http://www.discreet.com)

Discreet provides professional creative tools designed for digital media creation, management and delivery across all disciplines from film and television visual effects, color grading and editing to animation, game development, Web and design visualization.

### DOE-2

Jeff.Hirsch@DOE2.com  
[www.doe2.com](http://www.doe2.com)

DOE-2 is a widely used and accepted building energy analysis program that can predict the energy use and cost for all types of buildings. DOE-2 uses a description of the building layout, constructions, usage, conditioning systems (lighting, HVAC, etc.) and utility rates provided by the user, along with weather data, to perform an hourly simulation of the building and to estimate utility bills.

## DSpace

[www.dspace.org](http://www.dspace.org)

DSpace is a groundbreaking digital library system to capture, store, index, preserve, and redistribute the intellectual output of a university's research faculty in digital formats.

Developed jointly by MIT Libraries and Hewlett-Packard (HP), DSpace is now freely available to research institutions world-wide as an open source system that can be customized and extended.

## Dublin Core Metadata Initiative

[dublincore.org](http://dublincore.org)

The Dublin Core Metadata Initiative (DCMI) is an organization dedicated to promoting the widespread adoption of interoperable metadata standards and developing specialized metadata vocabularies for describing resources that enable more intelligent information discovery systems. The Dublin Core metadata schema defines an element set of 15 essential metadata fields when cataloging.

## Electric Image, Inc.

3 Imperial Promenade, Suite 400

Santa Ana, CA 92707

Ph: 714-433-0400

[www.electricimage.com](http://www.electricimage.com)

## Electric Image Universe

Universe continues to grow and adapt into one of the fastest and most powerful 3D programs on the market. Universe combines a 3D form generation tool, an animation tool and a photo-realistic ray tracing and scan line rendering system.

## ENCAD NovaJet

ENCAD, Inc.

6059 Cornerstone Court West

San Diego, CA 92121

Ph: 877-362-2387

[www.encad.com](http://www.encad.com)

The NovaJet has the ability to keep two ink sets installed at the same time. The NovaJet makes it easy to switch from indoor graphics to archival photos to outdoor signs at the touch of a button. Twelve ink lines and eight ink reservoirs makes switching between pigment and dye ink fast and easy.

## Entrust

One Hanover Park

16633 Dallas Parkway

Suite 800

Addison, Texas

USA, 75001

Ph: 888-690-2424

[www.entrust.com](http://www.entrust.com)

Entrust creates software and services that secure digital identities and information for enterprise and government customers.

### Eudora

QUALCOMM Incorporated  
Eudora Products  
5775 Morehouse Drive  
San Diego, CA 92121  
Ph: 800-238-3672  
[www.eudora.com](http://www.eudora.com)

Eudora is the best email program for people who get lots of mail. Eudora is more than a way to send and receive messages. It is a powerful email management tool with features to increase productivity and enhance communication.

### Fedora

[www.fedora.org](http://www.fedora.org)

Fedora (Flexible Extensible Digital Object and Repository Architecture) is a general-purpose digital object repository system, which can be used in whole or part to support a variety of use cases including: institutional repositories, digital libraries, content management, digital asset management, scholarly publishing and digital preservation.

### FileMaker

FileMaker Inc.  
5201 Patrick Henry Drive  
Santa Clara, CA 95054  
Ph: 408-987-7000  
[www.filemaker.com](http://www.filemaker.com)

### FileMaker Pro

FileMaker Pro is the leading workgroup database software for quickly creating and sharing solutions adapted to business needs. Powerful features, broad platform support, and an easy-to-use interface make FileMaker Pro indispensable for anyone who needs to track and manage people, projects, images and information. Use built-in instant-productivity templates to quickly design and deploy customized solutions. Easily communicate by sharing content with others over a network or Intranet to collaborate on multiple projects for greater workgroup productivity. And, with the ability to exchange data with a virtually limitless number of other applications, FileMaker Pro is ideal for gathering, managing and sharing all types of information.

### formZ

auto des sys  
2011 Riverside Drive  
Columbus, OH 43221  
Ph: 614-488-8838  
Fax: 614-488-0848  
[www.formz.com](http://www.formz.com)

formZ is an award winning general purpose solid and surface modeler with an extensive set of 2D/3D form manipulating and sculpting capabilities, many of which are unique. It is an effective design tool for architects, landscape architects, urban designers, engineers, animators and illustrators, industrial and interior designers and all design fields that deal with the articulation of 3D spaces and forms. formZ is highly responsive to the needs of mature designers and, at the same time, novices can use it with ease.

### Google

Google, Inc.  
2400 Bayshore Parkway  
Mountain View, CA 94043

Ph: 650-623-4000  
Fax: 650-618-1499  
[www.google.com](http://www.google.com)

Google is arguably the most frequently used search engine available. The engine offers many features, such as open question forums, catalogs, an image search engine, a web directory and as of recently, Froogle, which is a sister search engine created solely for locating products for purchase. The Froogle search engine also features a shopping directory. To date, Google searches more than 3 billion web pages.

### Graphisoft

Graphisoft U.S., Inc.  
One Gateway Center, Suite 302  
Newton, MA 02458  
Ph: 617-485-4203  
Fax: 617-485-4201  
[www.graphisoft.com](http://www.graphisoft.com)

### Graphisoft ArchiCAD

Graphisoft ArchiCAD stores all the information about the building in a central database; changes made in one view are updated in all others, including floor plans, sections/elevations, 3D models and bills of material. ArchiCAD's intelligent building elements like doors, windows, and columns understand and react to their environment. This accelerates work, makes the management of the project easier and allows the user to design instead of draft. Even working from drafted lines, arcs and splines, the Magic Wand can create intelligent building elements.

### Graphite

Ashlar Incorporated  
12731 Research Blvd., Bldg. A  
Austin, TX 78759  
Ph: 800-877-2745 or 512-250-2186  
Fax: 512-250-5811  
[www.ashlar.com](http://www.ashlar.com)

Graphite provides an interface that lets creative people get the job done without worrying about how to run their software. Create 2D and 3D precision wire-frame drawings of unlimited complexity and detail. Whether users need a simple sketch, an elaborate architectural design or a precision engineering drawing, Graphite lets creative professionals express their ideas clearly and completely in the fastest way possible.

### Graphtec

Western Graphtec, Inc.  
11 Vanderbilt  
Irvine, CA 92618-2067 U.S.A.  
Ph: 949-770-6010  
Fax: 949-855-0895  
[www.graphtecusa.com](http://www.graphtecusa.com)

Manufacturer of printers, plotters, scanners and other instruments.

### GretagMacbeth

617 Little Britain Road  
New Windsor, NY 12553-6148  
Ph: 800-622-2384  
Fax: 845-565-0390  
[www.gretagmacbeth.com](http://www.gretagmacbeth.com)

### **GretagMacbeth ProfileMaker 4.1 Pro**

Everything you need for creating accurate, reliable ICC-profiles: With a highly intuitive graphic interface and the many advanced features, you can quickly and easily build accurate ICC profiles for all types of devices—including scanners, digital cameras, CRT and flat panel displays, printers and presses—up to 7 channels.

### **GretagMacbeth EyeOne Match**

EyeOne solutions are affordable, modular color management products designed for the specific workflows of graphic designers, creative directors, ad agencies, photographers and corporate graphics professionals.

## **Hummingbird**

Hummingbird, LTD.  
1 Sparks Avenue  
Toronto, Ontario, M2H 2W1, Canada  
Ph: 416-496-2200  
Fax: 416-496-2207  
[www.hummingbird.com](http://www.hummingbird.com)

Hummingbird is a leader in the Enterprise Information Management Systems (EIMS) market. EIMS technologies enable organizations to manage business content throughout the entire lifecycle as a mission-critical knowledge asset, streamline business processes, and optimize knowledge transfer within the extended enterprise. Driven by an ever-growing need for re-usability of content, the market is evolving toward convergence of all knowledge-enabling technologies such as document, records, web content management and collaboration. Hummingbird is dedicated to delivering enterprise information management solutions designed to generate rapid return on investment to their network of customers and partners worldwide.

## **IBM**

IBM Corporation  
1133 Westchester Avenue  
White Plains, NY 10604  
Ph: 800-426-4967  
[www.ibm.com](http://www.ibm.com)

### **IBM Lotus Notes**

As an integrated collaborative environment, Lotus Notes combines enterprise-class messaging, calendaring and scheduling capabilities with a platform for collaborative applications. It features advanced functionality, reliable performance and dependable security.

## **ImpactXoft**

22A Great Oaks Boulevard  
San Jose, CA 95119  
Ph: 408-360-7700  
[www.impactxoft.com](http://www.impactxoft.com)

### **ImpactXoft IX SPeeD Suite**

The IX SPeeD Suite combines innovated modeling and collaboration tools to form a powerful and unique solution for the product development industry. Its Simultaneous Product Development (SPD) system enables participants around the world to create, edit and communicate about a design in parallel.

## **IrfanView**

Irfan Skiljan  
Postfach 48  
2700 Wiener Neustadt  
Austria, Europe  
[www.irfanview.com](http://www.irfanview.com)

IrfanView is a fast, small, compact and innovative freeware graphic viewer. It attempts to be simple for beginners and powerful for professionals.

### LightWave 3D

NewTek  
5131 Beckwith Blvd  
San Antonio, TX 78249  
Ph: 800-847-6111 or 210-370-8000  
[www.newtek.com](http://www.newtek.com)

LightWave 3D is versatile enough to make the transition to and from all kinds of projects. Proven for years in television, film, and games, LightWave 3D is also being used to create graphics for print, web, industrial design, architecture, medical imaging and anywhere else a 3D package is needed. A full, robust program, LightWave 3D includes many of the tools that other packages require to be purchased separately.

### Livelink

OpenText Corporation  
185 Columbia Street West  
Waterloo, Ontario, N2L 5Z5, Canada  
[www.opentext.net](http://www.opentext.net)

By effectively managing people, processes and information, Livelink makes companies more efficient and innovative. Its tightly integrated services deliver true dynamic collaboration and knowledge sharing between individuals, teams and organizations. Fully Web-based and open-architected, Livelink ensures rapid deployment, accelerated adoption and low cost of ownership.

### Livelink Meeting Zone

Livelink MeetingZone is a real-time meeting tool designed to bring team members from multiple locations and time zones together in a virtual environment that is as good as being there. It provides the team with a structure to collaborate—before, during and after the meeting. Livelink MeetingZone integrates with Livelink, leveraging Livelink's functionality to facilitate the exchange of ideas and automatically capture the information generated during a meeting in Livelink's repository—thereby delivering lasting business benefits. Livelink MeetingZone ensures that meetings are effective by providing Web-based tools for preparing, conducting and following up meetings.

### LizardTech

The National Building  
Suite 200  
1008 Western Avenue  
Seattle, WA 98104  
Ph: 206 652-5211  
Fax: 206 652-0880  
[www.lizardtech.com](http://www.lizardtech.com)

LizardTech applies state-of-the-art technologies created by the world's leading research organizations to manage, distribute and access large complex digital content such as aerial photographs, satellite imagery and color scanned documents.

### Macromedia

Macromedia, Inc.  
600 Townsend Street  
San Francisco, CA 94103  
Ph: 800-470-7211 or 415-252-2000  
Fax: 415-626-0554

[www.macromedia.com](http://www.macromedia.com)

### **Macromedia Director**

With Director MX, the user can build rich content that delivers real results, integrating interactive audio, video, bitmaps, vectors, text, fonts, and more. Work more effectively with the shared Macromedia MX user interface and take advantage of unprecedented Macromedia Flash integration.

### **Macromedia Flash**

Macromedia Flash MX is the solution for developing highly visual interactive content and applications that deliver breakthrough experiences with significant return on investment.

### **Macromedia Freehand**

FreeHand MX is used for creative design, storyboarding, multipage document production, and editing with an unparalleled set of creative design tools. Easily repurpose your designs for print, the Internet, or Macromedia Flash MX.

### **Maya**

Alias  
210 King Street East  
Toronto, Ontario, M5A 1J7, Canada  
Ph: 416-362-9181  
Fax: 416-369-6140  
[www.alias.com](http://www.alias.com)

Academy Award® winning Maya 3D animation and effects software is at the forefront of technological innovation. Its development has been inspired by the film and video artists, computer game developers and design professionals who use it daily to create engaging digital imagery, animation and visual effects.

### **Media 100**

Media 100, Ltd.  
450 Donald Lynch Blvd.  
Marlboro, MA 01752  
Ph: 508-460-1600  
Fax: 508-303-4605  
[www.media100.com](http://www.media100.com)

When Media 100 says real-time, they mean real-time vertical editing: no dropped frames, no compression, no rendering complications and no hassle. Users can edit and composite unlimited layers and see work at its highest quality as it's created.

### **Meeting Maker**

Meeting Maker, Inc.  
411 Waverly Oaks Road, Suite 310  
Waltham, MA 02452  
Ph: 781-530-2600  
Fax: 781-530-2601  
[www.meetingmaker.com](http://www.meetingmaker.com)

Meeting Maker not only eliminates the frustration of phone and email tag, it frees up everyone's time without tying up IT infrastructure, making it simple to integrate Meeting Maker into any organization.

### **Microsoft**

Microsoft Corporation  
One Microsoft Way  
Redmond, WA 98052  
Ph: 425-882-8080  
[www.microsoft.com](http://www.microsoft.com)

### **Microsoft Access**

For experienced database programmers and first-time database users alike, Microsoft Access delivers powerful tools for managing and analyzing data. With XML support, developers can create sophisticated enterprise-wide database solutions that integrate easily with the Web. New users will find comprehensive tools that make building databases more intuitive.

### **Microsoft Excel**

Create, analyze and share important data quickly with Microsoft Excel. Features, like smart tags and task panes, simplify common tasks. Collaborative enhancements streamline the information-review process. Data-recovery features protect work and refreshable queries allow users to integrate live data from the Web or any other source.

### **Microsoft Exchange Server**

Exchange Server is designed to meet the messaging and collaboration needs for businesses of all sizes. Together with its client software, Microsoft Outlook, Exchange provides a highly reliable, scalable and easy to manage messaging and collaboration infrastructure.

### **Microsoft Internet Explorer**

Internet Explorer includes many enhanced features that can simplify the daily tasks that are performed, while helping to maintain the privacy of personal information on the Web. Internet Explorer provides a platform that delivers the Internet in a fresh new way with innovative browser capabilities, including media playback and automatic picture resizing for end-users. It included a single platform for overall simplicity for creating and deploying robust applications for corporate users and a proven technology to develop rich Web-based applications quickly and easily for developers.

### **Microsoft Office**

Microsoft Office integrates productivity innovations throughout its programs to transform the traditional Office suite into a smarter overall work experience. By simplifying productivity, enabling collaboration for everyone, and extending Office beyond the desktop, it streamlines how people work with information and one another, making it easier for everyone to create, share and analyze important data.

### **Microsoft Outlook**

Microsoft Outlook provides a single, integrated solution for organizing and managing digital communication tools such as e-mail and instant messaging, along with all day-to-day information; from calendars and contacts to task lists and notes. Outlook controls the deluge of e-mail, appointments, and contacts, helping manage time and tasks more effectively, while making it easier to synthesize information and share it with others.

### **Microsoft PowerPoint**

With its easy-to-use tools for creating professional presentations, Microsoft PowerPoint long ago transformed the way people communicate ideas. Tags, Task Panes and improved technologies for working with diagrams, images, animations and text streamline the process of creating presentations. Collaboration features make it easier than ever to get team's input and share final work, while improved data recovery allows the user to spend time creating, not re-creating.

### **Microsoft Project**

Microsoft Project makes it easier than ever to manage schedules and resources, communicate project status and report project information. With more intuitive tools and built-in project management assistance,

productivity comes quickly—even novices can start project planning and reporting immediately. Microsoft Project has the fundamental project management features needed to stay informed, so projects stay on track and within budget.

### **Microsoft SharePoint**

Microsoft SharePoint presents a set of two new technologies from Microsoft that were developed to facilitate information sharing both within organizations and over the Internet: Microsoft SharePoint Portal Server and SharePoint Team Services from Microsoft. The SharePoint Products and Technologies were developed as a direct result of customer feedback and research into information sharing practices within organizations. The research clearly demonstrated that no one solution could address the information-sharing needs of an entire organization; small and ad hoc teams share information in very different ways than large teams do.

#### **Microsoft SharePoint Portal Server**

SharePoint Portal Server creates a portal Web site that allows users to share documents and search for information across the organization and enterprise, including SharePoint Team Services–based Web sites—all within one extensible portal interface. SharePoint Portal Server includes robust document management features that allow companies to incorporate business processes into their portal solution.

#### **Microsoft SharePoint Team Services**

The SharePoint Team Services technology gives users the ability to quickly create and contribute to team or project-focused Web sites from within their browser or Office XP applications. With SharePoint Team Services, teams can create a quick Web site for sharing information such as documents, calendars, announcements and other postings. Web sites created with SharePoint Team Services are easy to customize and manage—even for those who have never created a Web site before.

#### **Microsoft Windows NetMeeting**

NetMeeting connects the user to any one person so they can share ideas, information and Windows programs while using video and audio. The user can make the NetMeeting experience even better by using audio and video enhancements to see other people and share ideas and conversations. With NetMeeting, one can share ideas, information and applications using video or audio, send and receive real-time video images using Windows-compatible equipment, send video and audio to a user who doesn't have video hardware and use a video camera to instantly view items, such as hardware devices, that are displayed in front of the lens. One can also ensure people hear each other by adjusting the automatic microphone sensitivity level setting, change the size of the video window that they're sending to another user during a video conferencing session and remotely make the trade-off between faster video performance and better image quality.

#### **Microsoft Word**

Word is the world's best-selling word processing software that provides users with innovative tools and features to more easily create, share, and read great-looking documents, control distribution of sensitive information, and work more productively with others.

### **MicroStation**

Bentley Systems, Inc.  
685 Stockton Drive  
Exton, PA 19341  
Ph: 610-458-5000 or 1-800-BENTLEY  
[www.bentley.com](http://www.bentley.com)

MicroStation is a single, comprehensive platform for design and engineering projects and is the foundation of the V8 Generation of software from Bentley. MicroStation capabilities make it better suited for 3D modeling, data versatility, work-group productivity and application development than any other design platform on the market. It is only through this single platform model that users can ensure interoperability and consistency among applications and the data created with those applications. MicroStation provides an unprecedented level of stability throughout the life cycle of the constructed asset by providing a comprehensive approach to establishing corporate standards — whether at the user or systems level. The standardization of settings, user preferences and workspace components provide a consistent and predictable environment for each member of

the design team. MicroStation not only leverages a rich feature set, multi-format support and robust development environment, but also offers an array of tools that allows users to work the way the user thinks and enhances the ability to work with others.

### **MicroStation TriForma**

This 3D, solids modeling software provides a robust set of tools designed to address object management, modeling and drafting, visualization, drawing and report extraction and interference review, resulting in faster, better, more cost-effective projects. MicroStation TriForma improves communication and coordination by laying the foundation for a suite of discipline-specific applications that address the needs of the many disciplines involved in a building or plant engineering project, including solutions for architectural, structural, mechanical, piping, equipment and electrical raceway design.

### **Motive Systems**

Tullintori L1  
FIN-33100 Tampere  
Finland  
Ph: +358-3-3138-7500  
Fax: +358-3-3138-7550  
[www.motivesys.com](http://www.motivesys.com)

### **Motive Systems M-Color 8**

M-Color is a color plotting application that helps AutoCAD users to create impressive high-quality color plots quickly and easily. M-Color 8 adds a whole new color management system that helps to solve the traditional problems with color deviations between different monitors and printers. M-Color 8 saves colors in a device-independent color space and uses standard ICC color profiles to compensate for device-specific differences.

### **Myriad Viewer**

Informative Graphics Corporation  
4825 E. Cactus Road, Suite 445  
Scottsdale, AZ 85254  
Ph: 602-971-6061  
[www.myriadviewer.com](http://www.myriadviewer.com)

Myriad is a multi-format viewer that allows Windows users to view, print, and markup office documents, images, and 2D/3D CAD files without requiring access to the native authorizing software.

### **NavisWorks<sup>3</sup>**

NavisWorks, Inc.  
4050 E. Greenway Road  
Phoenix, AZ 85032  
Ph: 602-482-8088  
[www.navisworks.com](http://www.navisworks.com)

### **NavisWorks<sup>3</sup> Clash Detective<sup>3</sup>**

Roamer + Clash Detective<sup>3</sup> enables the effective identification, inspection and reporting of interferences in a 3D project model. It adds the facility to quickly and easily find, review and manage both hard and clearance clashes in even the largest supermodel.

### **NavisWorks<sup>3</sup> Freedom**

Freedom is a 3D viewer for NavisWorks<sup>3</sup>.NWD files created by Publisher<sup>3</sup>. Freedom solves the problem of not being able to explore a 3D project model without design software or specialist skills. It is free to own, which makes it free to view and roam 3D models.

### NavisWorks<sup>3</sup> Presenter<sup>3</sup>

Roamer + Presenter<sup>3</sup> is an original visualization solution dedicated to the creation of compelling 3D content to communicate design intent. Presenter<sup>3</sup> enables textures, materials and lights to be quickly applied to existing 3D models and is ideal for fast-moving collaborative review at every stage of the creative process.

### NavisWorks<sup>3</sup> Publisher<sup>3</sup>

Roamer + Publisher<sup>3</sup> offers design professionals a valuable means of communicating their intent. Publisher<sup>3</sup> creates compressed and secure NavisWorks<sup>3</sup> .NWD review files that are faithful to the original native 3D data from which they are created.

### NavisWorks<sup>3</sup> Roamer<sup>3</sup>

NavisWorks<sup>3</sup> Roamer is the dynamic core of a design review solution delivering interactive visualization and real time walkthrough of even the largest and most complex 3D models.

### NavisWorks<sup>3</sup> TimeLiner<sup>3</sup>

Roamer + TimeLiner<sup>3</sup> offers affordable 4D construction simulation for building and site planning, as well as presentation of time-based modeling.

## Nemetschek

Nemetschek AG  
Konrad-Zuse-Platz 1  
D-81829 München  
Ph: +49-89-92793-0  
Fax: +49-89-92793-5200  
[www.nemetschek.com](http://www.nemetschek.com)

### Nemetschek Allplan

Nemetschek's Allplan Architecture is an easy-to-use, intelligent architectural software that offers an integrated approach to the building design and drawing process.

## Netscape

Netscape Communications Corporation  
P.O. Box 7050  
Mountain View, CA 94039  
Ph: 650-254-1900  
Fax: 650-528-4124  
[www.netscape.com](http://www.netscape.com)

The Netscape browser links people and information over the Internet and intranets.

## Object ID

Council for the Prevention of Art Theft  
The Estate Office  
Stourhead Park  
Stourton  
Warminster  
Wiltshire  
BA12 6QD  
United Kingdom  
Ph and Fax: +44-1747-841540  
[www.object-id.com](http://www.object-id.com)

Object ID is an international standard for describing cultural objects. It has been developed through the collaboration of the museum community, police and customs agencies, the art trade, insurance industry and valuers of art and antiques. It is being promoted by major law enforcement agencies, including the FBI, Scotland Yard and Interpol; museum, cultural heritage, art trade and art appraisal organizations and insurance companies. Having established the descriptive standard, the Object ID project now helps to combat art theft by encouraging use of the standard and by bringing together organizations around the world that can encourage its implementation.

### **Okino Computer Graphics**

3397 American Drive, Unit # 1  
Mississauga, Ontario, L4V 1T8, Canada  
Ph: 905-672-9328 or 888-336-5466  
[www.okino.com](http://www.okino.com)

### **Okino NuGraf**

NuGraf is an award winning rendering, viewing and accurate 3D-scene translation program for Microsoft Windows. NuGraf was designed to be the most efficient and fastest rendering program available for Windows. This was achieved by devoting 14 years of development to its highly optimized import converters, its efficient memory management routines, its fast interactive graphical user interface and its renowned photo-realistic renderer. NuGraf is the one and only main application program developed by Okino, with PolyTrans being a simpler to use variation of the NuGraf package.

### **Okino PolyTrans**

PolyTrans is a 3D translation system which provides extensive and accurate 3D scene, CAD, animation, skeleton + skinned mesh, and trimmed NURBS translation/viewing, and creates "Render Ready" models of the highest fidelity.

### **Pantone**

Pantone, Inc.  
590 Commerce Boulevard  
Carlstadt, NJ 07072-3098  
Ph: 201-935-5500  
Fax: 201-935-3338  
[www.pantone.com](http://www.pantone.com)

### **Pantone ColorVision Spyder**

The award-winning Spyder is an all-digital, seven-filter colorimeter that works with both CRT and LCD monitors. Working together with the wizard-based PhotoCAL software, the Spyder calibrates your monitor to a universal standard for color and automatically creates a correct monitor profile.

### **Pantone PhotoCAL**

PhotoCAL is used to quickly measure current monitor display characteristics and calibrate to a selected tone response (gamma) and color temperature, then create an ICC profile of the monitor in its calibrated state.

### **Pixar RenderMan**

Pixar Animation Studios  
1200 Park Avenue  
Emeryville, CA 94608  
Ph: 510-752-3000  
[www.pixar.com](http://www.pixar.com)

Pixar's Renderman is stable, fast and efficient for handling complex surface appearances and images. Renderman's powerful shading language and anti-aliased motion blur allow designers to believably integrate stunning synthetic effects with live-action footage.

## Pro/ENGINEER

PTC  
140 Kendrick Street  
Needham, MA 02494  
Ph: 781-370-5000  
[www.ptc.com](http://www.ptc.com)

With Pro/ENGINEER users can access complete parametric, feature-based and associative modeling environment in one solution, generate all necessary digital product information automatically from one, single CAD model, optimize digital models through defined design goal, do digital prototyping and comprehensive, functional simulation and utilize native freeform and parametric surfacing.

## Prolog

Meridian Project Systems, Inc.  
1180 Iron Point Road, Suite 300  
Folsom, CA 95630  
Ph: 916-294-2000 or 800-850-2660  
[www.mps.com](http://www.mps.com)

### Meridian Project Systems Prolog Application Suite

Prolog Application Suite is the AEC industry's most complete knowledge management system. Users can use the Prolog Application Suite to manage projects from a corporate and collaborative perspective. The Prolog Application Suite is an integrated suite of project management solutions. With the Prolog Application Suite, users can manage project collaboration workflow using Prolog WebSite, perform robust project management, manage resources and schedules, and enter field information in handheld personal computers. The Prolog Application Suite allows users to manage both documents and data, creating one central database for all project information. With the Prolog Application Suite, users can procure materials and services, manage project budgets, and contracts, track project control data and documents, track schedules and resources, collaborate with the project team through the Internet and analyze corporate information from multiple projects and locations.

## QuarkXPress

Quark, Inc.  
1800 Grant Street  
Denver, CO 80203  
Ph: 800-326-3946 or 303-894-8888  
[www.quark.com](http://www.quark.com)

QuarkXPress is the world's premier electronic publishing software. It provides all the tools required to create, design, and deliver high-impact publications in both print and electronic media. At its core, QuarkXPress offers a powerful suite of publishing features for layout and design, printing and output, text processing, color management and Web page design.

## Raindance

Raindance Communications, Inc.  
1157 Century Drive  
Louisville, CO 80027  
Ph: 303-928-2400  
[www.raindance.com](http://www.raindance.com)

### Raindance Web Collaboration

Raindance combines everyday communication tools, the phone and computer, to make remote meetings and events more productive. Integrated Web and audio conferencing services support various meeting types and sizes from a simple, reservation-less audio conference to company-wide online training initiatives. With the

assurance of 99.99% published uptime these flexible service offerings enable users to choose the right solution to meet their needs.

### Rhinoceros

Robert McNeel & Associates  
3670 Woodland Park Avenue North  
Seattle, WA 98103  
Ph: 206-545-7000  
Fax: 206-545-7321  
[www.rhino3d.com](http://www.rhino3d.com)

Rhino provides the tools to accurately model designs ready for rendering, animation, drafting, engineering, analysis and manufacturing. Rhino can create, edit, analyze and translate NURBS curves, surfaces and solids in Windows. There are no limits on complexity, degree or size. Rhino also supports polygon meshes and point clouds.

### Right Hemisphere

Right Hemisphere  
2603 Camino Ramon, Suite 200  
San Roman, CA 94583  
Ph: 925-242-2537  
[www.righthemisphere.com](http://www.righthemisphere.com)

#### Right Hemisphere DEEP EXPLORATION

DEEP EXPLORATION is a standalone application to manage 2D, 3D, animation, video and audio assets residing on a computer or network. Tools allow users to, search, view, translate, optimize, animate and publish in a range of formats. DEEP EXPOLRATION modules are available for industry specific translation, authoring and publishing.

#### Right Hemisphere DEEP PUBLISH

DEEP PUBLISH empowers users with even basic computer skills to create and distribute 3D presentations seamlessly by integrating 3D with Microsoft Office, PowerPoint, Word and Excel. Complex engineering and animation data can be easily shared and used in sales presentations, training materials, technical documentations, catalogs and more.

#### Right Hemisphere DEEP SERVER

DEEP SERVER VIS (Visual Information Systems) can automate and simplify complex graphical data; it helps enterprises to easily access, manage and integrate complex visual assets across applications throughout the organization. Built on open, industry standards, DEEP SERVER offers a complete and automated graphical re-purposing solution through a suite of modules that provide the ability to search, view, collaborate, manage, translate and publish 2D and 3D graphical data, while integrating with other enterprise software.

### SketchUp

@Last Software, Inc.  
2019 10th Street  
Boulder, CO 80302  
Ph: 303-245-0086  
[www.sketchup.com](http://www.sketchup.com)

SketchUp is deceptively simple, yet amazingly powerful software for creating, viewing, modifying and communicating 3D design concepts quickly and easily. Designed to enhance creativity and productivity, SketchUp is the perfect compliment to other AEC and creative applications.

## SMART Board

SMART Technologies Inc.  
1177 – 11th Avenue SW, Suite 600  
Calgary, Alberta, T2R 1K9, Canada  
Ph: 403-245-0333  
[www.smarttech.com](http://www.smarttech.com)

The SMART Board interactive whiteboard turns the computer and projector into a powerful tool for teaching, collaborating and presenting. With a computer image projected onto the board, users can simply press on its large, touch-sensitive surface to access and control any application. Using a pen from the SMART Pen Tray, users can work naturally at the board to take notes and highlight important information. The SMART Board interactive whiteboard helps the group save time, increase interactivity and improve communication.

## SolidWorks

Solid Works Corporation  
300 Baker Avenue  
Concord, MA 01742  
Ph: 800-693-9000 or 978-371-5001  
[www.solidworks.com](http://www.solidworks.com)

SolidWorks allows users to enjoy design communication capabilities, such as the built-in eDrawings application, while providing a breakthrough in sharing 2D and 3D product design information. SolidWorks features familiar Windows functions like drag-and-drop, point-and-click, and cut-and-paste, which allow the user to become productive in hours and proficient within weeks. SolidWorks also offers performance and value, leadership in innovation and a large community of users.

## Surfware, Inc.

Surfware, Inc.  
5703 Corsa Avenue  
Westlake Village, CA 91362  
Ph: 818-991-1960  
Fax: 818-991-1980  
[www.surfware.com](http://www.surfware.com)

## Surfware SURFCAM

SURFCAM is a solids-based CAD program to generate machining paths for Numeric Controlled (NC) machines. SURFCAM's integrated tool path verification uses solid models to display the material removal process for 2, 3, 4 and 5-axis milling and turning. Verification lets programmers detect errors on the computer without tying up the NC machine. Added confidence lets you machine faster, and discover efficient machining strategies.

## The Amico Library

Art Museum Image Consortium  
AMICO Operations  
The Metropolitan Museum of Art  
1000 5th Avenue  
New York, NY 10028  
Ph: 212-535-7710  
[www.amico.org](http://www.amico.org)

The Art Museum Image Consortium (AMICO) is a not-for-profit organization of institutions with collections of art, collaborating to enable educational use of museum multimedia. The Amico Library is a licensed digital educational resource available under subscription to universities and colleges, public libraries, elementary and secondary schools and museums. It represents works in the collections of AMICO Members.

## Trix RasterServer

Trix Systems, Inc.  
68 Smith St  
Chelmsford, MA 01824  
Ph: 978-256-4445  
Fax: 978-256-9593  
[www.trixsystems.com](http://www.trixsystems.com)

Trix RasterServer performs automated, continuous, batch conversion of DWG, DXF HPGL, Office, Visio and other CAD project files to high resolution raster or raster PDF formats.

## UGS

UGS  
5400 Legacy Drive  
Plano, TX 75024  
Ph: 972-604-6000  
[www.ugs.com](http://www.ugs.com)

## UGS Teamcenter

Teamcenter is a PLM (Product Lifecycle Management) digital enterprise backbone, with solutions targeted at product lifecycle domain issues and industry-focused business challenges where quick implementation and a rapid return on investment are essential. Teamcenter enables you to manage and share all of the diverse intellectual assets created throughout your extended enterprise, as well as across the planning, development, manufacturing and support phases of the product lifecycle. Teamcenter establishes a secure, collaborative environment where authorized users can share and leverage the enterprise's collective knowledge. Users can access this information from any location using everyday desktop applications they already understand, from any kind of Web-accessible device.

## UNIX

The Open Group  
44 Montgomery Street, Suite 960  
San Francisco, CA 94104  
Ph: 415-374-8280  
Fax: 415-374-8293  
[www.opengroup.org](http://www.opengroup.org)

UNIX is a highly developed, stable, complex, and powerful family of operating systems for computers for running data processing and telephone systems. It provides multi-tasking, multi-user abilities that allow multiple programs to run on one computer simultaneously, and multiple users to use one computer simultaneously. UNIX is a registered trademark of The Open Group in the United States and other countries. Implementations of UNIX system software are available from a number of vendors.

## VectorWorks

Nemetschek N.A.  
7150 Riverwood Drive  
Columbia, MD 21046  
Ph: 410-290-5114  
[www.nemetschek.net](http://www.nemetschek.net)

Engineered to meet the specific needs of smart-sized companies, VectorWorks has everything needed for precision 2D drafting, powerful 3D modeling and sophisticated client presentations. Plus, it has built-in database and spreadsheet capabilities to track costs and materials, and flexible scripting language to automate routine drafting tasks.

### VeriSign

Worldwide Headquarters  
487 East Middlefield Road  
Mountain View, CA 94043  
Ph: 650-961-7500  
Fax: 650-961-7300  
[www.verisign.com](http://www.verisign.com)

To make the Internet and telecommunications networks more intelligent, reliable, and secure, VeriSign offers a full range of products and services including connectivity, intelligent database, content and applications and billing and payment services.

### ViewCafé

Spicer Corporation  
221 McIntyre Drive  
Kitchener, ON N2R 1G1  
Canada  
Ph: 519-748-2462  
[www.spicer.com](http://www.spicer.com)

ViewCafé brings the power of Java 2 to Web-based collaboration, viewing and markup. Capable of accessing over 200 industry-standard file formats, ViewCafé lets users view, share, distribute and collaborate online with partners, suppliers and customers. Scalable architecture gives ViewCafé the ability to handle virtually a limitless number of users while its customizable API gives administrators control over security and functionality.

### Vis

Engineering Animation, Inc.  
2321 North Loop Drive  
Ames, Iowa 50010-8615  
Ph: 800-324-7760 or 515-296-9908  
Fax: 515-296-7025  
<http://guest.eai.com/products/>

### VisConcept

VisConcept replaces physical prototypes with realistic, interactive, one-to-one-scale virtual prototypes in such immersive environments as visualization rooms, visualization wall displays and desks. A scalable virtual prototyping solution, it enables manufacturing teams to experience, evaluate and explore product designs for formal or ad hoc reviews, reducing product design time and the need for physical prototypes.

### VisView

VisView enables users to easily interact with digital product data and view the latest drawings, 3D models and documents from a single environment. Users can navigate to specific product information by clicking on a drawing, 3D model, product structure, or by entering a part number. VisView's object-oriented modular architecture allows companies to tailor the user interface and product structure to fit their business needs.

## Z Corp

Z Corporation  
20 North Avenue  
Burlington, MA 01803  
Ph: 781-852-5005  
[www.zcorp.com](http://www.zcorp.com)

## ZPrinter

The ZPrinter creates physical models directly from digital data in hours instead of days. The system is fast, versatile and simple, allowing engineers to produce a range of concept models and functional test parts quickly and inexpensively. The system is ideal for an office environment or educational institution, providing product developers easy access to a 3D Printer.