

StereoGraphics
Software Solutions Guide

SOFTWARE

CAD/CAM/CAE

CORPORATE PRESENTATIONS

DEVELOPMENT TOOLS

DIGITAL ANIMATION

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MECHANICAL CAD

MEDICAL

MOLECULAR MODELING

PHOTOGRAMETRY

VIRTUAL PROTOTYPING

StereoGraphics Software Solutions Guide

VR GAMES

CAD/CAM/CAE SOFTWARE

Coryphaeus Software
985 University Avenue, Suite 31
Los Gatos, CA 95030

Product: **EasyScene**

Phone: (408) 395-4537
Fax: (408) 395-6351

EasyScene is a real-time system for rendering Designer's Workbench, EasyT (see GIS/MAPPING) and many other popular formats of databases.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI

Sales Inquiries: sales@coryphaeus.com
General Inquiries: support@coryphaeus.com
Web: www.coryphaeus.com

Coryphaeus Software
985 University Avenue, Suite 31
Los Gatos, CA 95030

Product: **Designer's Workbench**

Phone: (408) 395-4537
Fax: (408) 395-6351

Designer's Workbench is a X/Motif compliant, interactive development system that facilitates building and editing real-time 3Dmodels, scenes, VR databases and dynamic instruments.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI

Sales Inquiries: sales@ sales@coryphaeus.com
General Inquiries: support@coryphaeus.com
Web: www. coryphaeus.com

Deneb Robotics
3285 Lapeer Road West
Box 214687
Auburn, MI 48321

Product: **Igrip**

Phone: (810) 377-6900
Fax: (810) 377-8125

IGRIP is an interactive, 3-D, graphic simulation tool for designing, evaluating, and off-line programming robotic workcells. Actual robotic/device geometry, motion attributes, kinematics, dynamics, and I/O logics are incorporated to produce extremely accurate simulations. IGRIP optimizes critical factors such as robot motion planning, cycle time prediction, collision detection, calibration, and multiple I/O communication. Other applications include off-line programming, industrial applications (painting, debur, welding), research and development, articulated assembly design, flexible manufacturing system simulation, nuclear/hazardous duty automation, and general-purpose simulation. Data can be imported/exported through bi-directional translators.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI

Sales Inquiries: info@deneb.com
General Inquiries: info@deneb.com
Web: www.deneb.com

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Software Solutions Guide

CAD/CAM/CAE SOFTWARE

IBM Corporation
New Orchard Road
Armonk, NY 10504

Product: **IBM 3D Interaction Accelerator**

Phone: (800) 426-3333

IBM 3D Interactive Accelerator allows users to interactively manipulate large, complex CAD models in real-time. Intuitive, gesture driven navigation allows walk-throughs of models from CATIA, Pro/Engineer, DXF and AES.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, IBM

Sales Inquiries: askibm@info.ibm.com
General Inquiries: askibm@ info.ibm.com
Web: www.ibm.com

Proslovia Clarus
Gardavagen 1
S-412 50 Goteborg
SWEDEN

Product: **Claris CAD**

Phone: (46) 317035120
Fax: (46) 317035128

Clarus CAD Real-Time Link opens the world for non-programmers to convert CAD data into digital mock-ups, used for design evaluation, assembly studies, packaging, visualization of numerical data. With Clarus CAD Real-Time Link the user has the possibility to import NURBS surfaces and interactively optimize them for real-time use all through the Graphical User Interface. The intelligent algorithms for reduction of polygons is one of the features making Clarus CAD Real-Time Link a unique product. Clarus CAD Real-Time Link supports the majority of formats used in today's design and CAD/CAM systems.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI

Sales Inquiries: marketing@clarus.se
General Inquiries: support@ clarus.se
Web: www.clarus.se

Superscape, Inc.
3945 Freedom Circle, Suite 1000
Santa Clara, CA 95054

Product: **VRT**

Phone: (408) 969-0500
Fax: (408) 969-0510

The total enterprise authoring package for not only creating 3D Web pages but also standalone VR applications. Now in release 5, VRT is packaged with thousands of features including the ability to add DLL "plug ins". VRT is a comprehensive product that allows you to do practically anything in real-time 3D space. This is the ultimate solution for the power user.

Supported Eyewear: CrystalEyes
Supported Platforms: PC

Sales Inquiries: support@superscape.com
General Inquiries: support@ superscape.com
Web: www.superscape.com

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CAD/CAM/CAE SOFTWARE

Superscape, Inc.
3945 Freedom Circle, Suite 1000
Santa Clara, CA 95054

Product: **Visualizer**

Phone: (408) 969-0500
Fax: (408) 969-0510

Visualizer is a runtime platform that gives you complete freedom to move around and interact with virtual worlds created using VRT. Includes: DOS, Windows 3.1, 3.11, 95, NT 3.51 or later, Silicon Graphics Platforms, support for Microsoft Direct3D, network capability, point and click interface, multiple viewpoints, independent control of distancing, resolution and texture detail.

Supported Eyewear: CrystalEyes
Supported Platforms: PC, NT

Sales Inquiries: support@superscape.com
General Inquiries: support@superscape.com
Web: www.superscape.com

Quinn Southwest
218 East Marcy Street, Suite 204
Sante Fe, NM 87501

Product: **Struck**

Phone: (505) 982-1904
Fax: (505) 982-1909

A real-time synergetic geometry modeler program.

Supported Eyewear: CrystalEyes
Supported Platforms: PC, SGI, MAC

Tecnomatix
39810 Grand River Avenue, Suite 100
Novi, MI 48375

Product: **Robcad**

Phone: (810) 471-6140
Fax: (810) 471-6147

ROBCAD is an interactive, user-friendly, comprehensive engineering tool for design, simulation, and off-line programming of flexible automation systems. With ROBCAD, users can model, modify, and quickly evaluate concepts for automating manufacturing processes. It accurately simulates and optimizes the operation of an automation system, ensuring maximum return on investment. ROBCAD provides off-line programming of an automation system by downloading programs to the robot controller, saving manufacturing downtime and eliminating collisions between system components.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI

Web: www.tecnomatix.com

Vertigo Technology
1255 West Pender Street
Vancouver, BC V6E 2V1
CANADA

Product: **Vertigo**

Phone: (604) 684-2113
Fax: (604) 684-2108

Vancouver-based Vertigo Technology Inc. is a world-leading provider of quality 3D animation and visualization software products. The company develops, supports, and markets a complete range of 3D animation and visualization software for professional artists and designers at post-production, broadcast, special effects, and animation facilities worldwide.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI

Sales Inquiries: info@vertigo3d.com
General Inquiries: info@vertigo3d.com
Web: www.vertigo3d.com

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CORPORATE PRESENTATION SOFTWARE

Chasm Graphics
P.O. Box 1137
Fairfax, CA 94978-1137

Product: **Sudden Depth 2**

Phone: (415) 456-3214
Fax: (415) 456-3214

Sudden Depth 2 is a stereo image toolkit supporting multiple image formats, stereo formats, and including all the image alignment and processing functions you need to fine-tune stereo images. This new version includes macro capabilities, allowing you to process a sequence of hundreds or thousands of stereo animation frames automatically. Also includes slideshow tools. A free demo version is available.

Supported Eyewear: CrystalEyes, SimulEyes
Supported Platforms: NT, PC

Sales Inquiries: akka@chasm.com
General Inquiries: akka@chasm.com

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DEVELOPMENT TOOLS SOFTWARE

SciTech Software
505 Wall Street
Chico, CA 95928-5624

Product: **MGL 4.0**

Phone: (530) 894-8400
Fax: (530) 894-9069

SciTech MGL is a professional graphics library for creating high performance, interactive graphics applications on PC's. It provides fast, low level rasterization of 2D and 3D primitives that can be used for creating computer games, user interface software and other real-time graphics applications. SciTech MGL currently supports development under Windows 95/3.1/NT or DOS and can be ported to other platforms and operating systems in as few as 1000 lines of code. SciTech MGL provides automatic detection and utilization of VGA, ModeX, VESA VBE 1.2/2.0/3.0, VESA VBE/AF, WinG, CreateDIBSection and DirectX. SciTech WinDirect technology provides high-performance, full screen graphics in any supported video mode independent of the existing GDI graphics mode and allows SciTech MGL to work with any existing VESA VBE 1.2/2.0/3.0 or VBE/AF compliant graphics card. SciTech MGL now includes OpenGL API support for developing commercial 3D applications.

Supported Eyewear: CrystalEyes, SimulEyes
Supported Platforms: NT, PC

Sales Inquiries: info@scitechsoft.com
General Inquiries: info@scitechsoft.com
Web: www.scitechsoft.com

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DIGITAL ANIMATION SOFTWARE

Alias Wavefront
110 Richmond Street
Toronto, ON M5C 1P1
CANADA

Product: **Alias Designer**

Phone: (416) 362-8558
Fax: (416) 362-0630

Alias Designer is a highly-affordable and powerful 3-D solution for industrial design and presentation. It is used in a range of industries including consumer electronics, toys, housewares, packaging and jewelry. Designer combines the ease-of-use and creative flexibility of "digital sculpting" with seamless interfaces to downstream CAD/CAM systems for rapid prototyping and manufacturing. It provides a range of NURBS-based, variational surface modeling tools developed specifically for the creative designer. Both freeform and regularly-shaped designs can be created; 3-D surfaces can also be created from 2-D geometric primitives. Photorealistic rendering and animation help communicate designs to clients, marketing and engineering, reducing the need for physical models.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI

Sales Inquiries: gsst@aw.sgi.com
General Inquiries: hotline@aw.sgi.com
Web: www.aw.sgi.com

Alias Wavefront
110 Richmond Street
Toronto, ON M5C 1P1
CANADA

Product: **Alias Eclipse**

Phone: (416) 362-8558
Fax: (416) 362-0630

Alias Eclipse offers the most comprehensive tools for professional 2-dimensional digital photo imaging, compositing and retouching on Silicon Graphics workstations. Eclipse includes the following features: object-based compositing and editing capability via Alias | Wavefront Shapes, interactive 2-D image warping; OptiGlo brushes; customizable brushes for controlled image editing; high-speed image manipulation of large files (200+MB) via the Alias | Wavefront Smart Canvas technology; and interactive image rendering with multiple redo and undo features. Alias | Wavefront Eclipse runs on all 24-bit Silicon Graphics workstations and supports a wide variety of RGB and CMYK image formats. It is an open solution that integrates seamlessly with both desktop and dedicated systems with interfaces to Contex, QuarkXpress, Adobe Photoshop and Illustrator (EPS and DCS), plug-in support for Kai's Power Tools, and OPI functionality via Xinet FullPress and Helios Ethershare. Eclipse supports a variety of file formats including TIFF, Targa, Photoshop and DDES.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI

Sales Inquiries: gsst@aw.sgi.com
General Inquiries: hotline@aw.sgi.com
Web: www.aw.sgi.com

Alias Wavefront
110 Richmond Street
Toronto, ON M5C 1P1
CANADA

Product: **Advanced Visualizer**

Phone: (416) 362-8558
Fax: (416) 362-0630

Advanced Visualizer is the industry's most productive and complete workstation-based 3-D animation system. This integrated system offers a comprehensive set of tools for 3-D modeling, animation and rendering. An add-on for WaveFront that enables the user to view WaveFront models stereoscopically.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI

Sales Inquiries: gsst@aw.sgi.com
General Inquiries: hotline@aw.sgi.com
Web: www.aw.sgi.com

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DIGITAL ANIMATION SOFTWARE

Side Effects Software, Inc.
477 Richmond Street West, Suite 1001
Toronto, ON M5V 3E7
CANADA

Product: **Prisms**

Phone: (416) 504-9876
Fax: (416) 504-6648

Prisms is a simulation/animation program with built in stereo functionality based on OpenGL. Prisms is a high-end computer animation and image manipulation system. It includes inverse kinematics, skeletal animation and deformation, particle systems, collisions and springs, modeling, motion, lighting and rendering. PRISMS' new modeler includes NURBS, polygons, bezier and bspline curves and patches, meta-balls, wireframes, spheres, and particles all combined into one user interface. PRISMS' unique architecture of connectable building blocks makes even the most complex projects manageable.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI

Sales Inquiries: rvig@sidefx.com
General Inquiries: info@sidefx.com
Web: www.sidefx.com

SoftImage
3510 Boul St. Laurent
Montreal, PQ H2X 2V2
CANADA

Product: **Digital Studio**

Phone: (514) 845-2199
Fax: (514) 845-8252

Digital Studio takes advantage of OpenGL to create animations for SGI or to port to PCs. At the core of SOFTIMAGE|DS is a highly flexible, nonlinear editor designed by people with extensive experience in linear online and nonlinear offline editing. Because it's digital non-linear, material can be accessed at any time, moved to any spot, changed continuously, all without concern for losing your original data.

Features include full-screen editing and playback using separate source and record viewers, dual-monitor editing support, a versatile timeline, and unlimited levels of undo/redo. Edit material in NTSC or PAL, and at multiple resolutions of media within the same project. The choice is yours. Real-time playback, mixing and effects on eight digital audio channels and support for frame or sample-accurate editing ensure no idea will be left unheard. Support for a variety of EDL formats ensures that projects offlined on other systems can be auto-conformed quickly and accurately.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, PC

Sales Inquiries: support@softimage.com
General Inquiries: support@softimage.com
Web: www.softimage.com

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GIS/MAPPING SOFTWARE

Coryphaeus Software
985 University Avenue, Suite 31
Los Gatos, CA 95030

Product: **EasyT**

Phone: (408) 395-4537
Fax: (408) 395-6351

EasyT is an automatic 3D-terrain generation system that allows non-programmers to quickly create and edit landscapes for out-the-window scenes, virtual reality gaming areas and terrain-based cockpit displays. EasyT transforms digital terrain data to a form suitable for real-time visual simulation applications. Input data from DMA (DTED/DFAC), USG (DEM/DLG), UK/OS, or a public domain raw format. Output to Designer's Workbench, Flight 11, SIF, or raw format.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI

Sales Inquiries: sales@coryphaeus.com
General Inquiries: support@coryphaeus.com
Web: www.coryphaeus.com

ERDAS, Inc.
2801 Buford Highway, Suite 120
Atlanta, GA 30329

Product: **Image Virtual GIS**

Phone: (404) 248-9000
Fax: (404) 248-9400

Image Virtual GIS is an easy to use add-on module to the ERDAS IMAGINE product suite with enhanced performance and expanded visualization and analysis capabilities. With these capabilities, users can navigate through geographic data with ease and perform analysis through feature query, image enhancement, interactive overlays, and line-of-sight analysis.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, SUN, DEC, HP, IBM, NT

Sales Inquiries: support@erdas.com
General Inquiries: support@erdas.com
Web: www.erdas.com

ERDAS, Inc.
2801 Buford Highway, Suite 120
Atlanta, GA 30329

Product: **OrthoMax**

Phone: (404) 248-9000
Fax: (404) 248-9400

OrthoMax is a high-performance digital photogrammetric terrain mapping and orthorectification system with a broad range of applications. Capabilities include triangulation of aerial photography and satellite imagery, automatic extraction of digital terrain models (DEM and TIN), stereo terrain model digitizing and editing, and image orthorectification.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, SUN, DEC

Sales Inquiries: support@erdas.com
General Inquiries: support@erdas.com
Web: www.erdas.com

Intermap Technologies, Inc.
#900, 645-7th Avenue SW
Calgary, AB T2P 4GB CANADA

Product: **TOPOSAR**

Phone: (403) 266-0900
Fax: (403) 265-0499

TOPOSAR is a specialized, high-precision, high-throughput, user-friendly software system for the creation of Digital Elevation Models (DEM) from stereo satellite SAR imagery. The DEM generated enables users to geo-code and ortho-rectify the satellite imagery. TOPOSAR satisfies the large volume requirements from Canada's RADARSAT satellite and will also support ERS and JERS data.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, SUN

Sales Inquiries: info@intermap.ca
General Inquiries: info@intermap.ca
Web: www.intermap.ca

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GIS/MAPPING SOFTWARE

MicroImages, Inc.
201 North 8th Street
Lincoln, NE 68508-1347

Product: **TNTmips**

Phone: (402) 477-9554
Fax: (402) 477-9559

TNTmips is a Map and Image Processing System. It is used for geographic information analysis, advanced image processing, CAD, desktop mapping, electronic atlas preparation, and other spatial database management and visualization applications.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, SUN, DEC, HP, IBM, PC, MAC

Sales Inquiries: info@microimages.com
General Inquiries: info@microimages.com
Web: www.microimages.com

Vexcel Imaging Corp.
3131 Indian Road
Boulder, CO 80301

Product: **IDAS**

Phone: (303) 440-9790
Fax: (303) 440-9947

IDAS – Integrated Digital Aerotriangulation System – is an advanced and efficient software application for complete and automatic digital aerotriangulation.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, SUN, NT

Sales Inquiries: info@vexcel.com
General Inquiries: info@vexcel.com
Web: www.vexcel.com

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INDUSTRIAL VR SOFTWARE

Advanced Visual Systems
300 5th Avenue
Waltham, MA 02154

Product: **AVS**

Phone: (781) 890-4300
Fax: (781) 890-8287

AVS includes a comprehensive suite of data visualization and analysis techniques that make it the most complete Visual Computing Environment available. AVS incorporates both traditional visualization tools such as 2D plots and graphs and image processing as well as advanced tools such as 3D interactive rendering and volume visualization.

Supported Eyewear: CrystalEyes
Supported Platforms: PC

Sales Inquiries: info@avs.com
General Inquiries: info@avs.com
Web: www.avs.com

Cabinetvision, Inc.
2231 Faraday Avenue, Suite 100
Carlsbad, CA 92008

Product: **Cabinet Vision Solid Design**

Phone: (760) 930-4155
Fax: (760) 930-4170

Cabinet Vision Solid Design is a kitchen and bath design system, allowing for visual 3D models of cabinetry and rooms.

Supported Eyewear: CrystalEyes
Supported Platforms: PC

Sales Inquiries: cvsales@cabinetvision.com
General Inquiries: cvsales@cabinetvision.com
Web: www.cabinetvision.com

Computational Engineering International
P. O. Box 14306
Research Triangle Park, NC 27709

Product: **EnSight**

Phone: (919) 481-4301
Fax: (919) 481-4306

EnSight is a software tool for the interactive visualization and animation of results data from a wide variety of finite element modeling applications in fields such as CFD, combustion modeling, injection molding simulation, and structural deformation. EnSight enables one to read in and work with up to eight different computational or experimental datasets for comparative purposes.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, HP, SUN

Sales Inquiries: ensight@ceintl.com
General Inquiries: ensight@ceintl.com
Web: www.ceintl.com

Cosmic/The University of Georgia
382 East Broad Street
Athens, GA 30602-4272

Product: **FAST**

Phone: (706) 542-3265
Fax: (706) 542-4807

Flow Analysis Software Toolkit (FAST) is a software environment for visualizing data. FAST is a collection of separate modules that run simultaneously and allow the user to examine the results of numerical and experimental simulations. The user can load data files, perform calculations on the data, visualize the results, construct 3D scenes and plot, animate and record the scenes.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI

Sales Inquiries: service@cosmic.uga.edu
General Inquiries: service@cosmic.uga.edu
Web: www.cosmic.uga.edu

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INDUSTRIAL VR SOFTWARE

MultiGen
5505 South Winchester Boulevard
Suite 500
San Jose, CA 95121

Product: **MultiGen**

Phone: (408) 261-4100
Fax: (408) 261-4101

MultiGen is leading real-time 3D authoring software for creating, editing, and viewing small and medium-scale visual databases for simulation applications that require sophisticated 3D modeling technology. MultiGen II runs on all Silicon Graphics® platforms and several image generators. MultiGen offers real-time 3D applications designers advanced real-time functions like Level of Detail, Culling Volumes, Logical Culling, Drawing Priority, and Separating Planes. MultiGen II also offers a series of fully integrated advanced options that provide the capability to create photo-textured 3D objects, extensive real world terrain, roads conforming to civil engineering rules, fully interactive instrumentation displays, articulated behavior attributes and assignable 3D audio effects.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI

Sales Inquiries: support@multigen.com
General Inquiries: support@multigen.com
Web: www.multigen.com

MultiGen
5505 South Winchester Boulevard
Suite 500
San Jose, CA 95121

Product: **GameGen II**

Phone: (408) 261-4100
Fax: (408) 261-4101

Game developers use the GameGen II authoring tool to create, edit and prototype 3D environments for real-time game applications. GameGen II enables users to rebuild 3D worlds and real-time game event logic, with the database organization required for peak performance on any game platform.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, NT

Sales Inquiries: support@multigen.com
General Inquiries: support@multigen.com
Web: www.multigen.com

MultiGen
5505 South Winchester Boulevard
Suite 500
San Jose, CA 95121

Product: **SmartScene**

Phone: (408) 261-4100
Fax: (408) 261-4101

SmartScene is a real-time 3D virtual reality scene builder. When SmartScene's technology is paired with a two-handed interface, it allows users to rapidly and intuitively build real-time scenes. With a single gesture you "hold" the fabric of viewing space in your hands and can simultaneously translate, rotate, and scale the objects of interests (models) into your view. Once in view, the user can "grab" and manipulate the models themselves. The models have Smarts built into them, so they can seek out other appropriate models that enable them to snap into place logically and quickly. This technology enables even non-technical users to rapidly create expertly-tuned scenes.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, NT

Sales Inquiries: support@multigen.com
General Inquiries: support@multigen.com
Web: www.multigen.com

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INDUSTRIAL VR SOFTWARE

Nichimen Graphics, Inc.
12555 West Jefferson Boulevard
Suite 285
Los Angeles, CA 90066

Product: **N-World**

Phone: (310) 577-0537
Fax: (310) 577-0577

N-World is Nichimen Graphic's complete game development environment. It includes N-Geometry (3D modeler), N-Dynamics (animation choreographer and IK skeletal system), the Action Editor (for converting animation data into formats usable by 3D game systems), N-Render (an integrated high-quality renderer), and N-Paint (2D graphics). N-World products are completely user extensible in either C or LISP and can be purchased as an integrated suite or as individual modules.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, NT

Sales Inquiries: pk@nichimen.com
General Inquiries: support@nichimen.com
Web: www.nichimen.com

Pacific Science & Engineering
6001 Montrose Road, Suite 902
San Diego, CA 92122

Product: **ATC**

Phone: (619) 535-1661
Fax: (619) 535-1665

Software program that simulates Air Traffic Control situations.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI

Paradigm Simulation, Inc.
14900 Landmark Road, Suite 400
Dallas, TX 75240

Product: **Vega**

Phone: (972) 960-2301
Fax: (972) 960-2303

Vega is Paradigm Simulation's industry leading simulation software environment for real-time visual simulation, virtual reality, and general visualization applications. Vega can be used to quickly build interactive, real-time 3D environments satisfying the most demanding requirement for field-proven applications.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI

Sales Inquiries: marketing@paradigmsim.com
General Inquiries: support@paradigmsim.com
Web: www.paradigmsim.com

Paradigm Simulation, Inc.
14900 Landmark Road, Suite 400
Dallas, TX 75240

Product: **Vega-SP**

Phone: (972) 960-2301
Fax: (972) 960-2303

Vega Single-Process (Vega-SP), Paradigm's price/performance value leader, is ideal for developers building applications with all Vega-MP development features, but using a single process runtime model. Vega-SP is fully compatible with all current and future Vega add-on modules.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI

Sales Inquiries: marketing@paradigmsim.com
General Inquiries: support@paradigmsim.com
Web: www.paradigmsim.com

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INDUSTRIAL VR SOFTWARE

Proslovia Clarus
Gardavagen 1
S-412 50 Goteborg
SWEDEN

Product: **Clarus Drive**

Phone: (46) 317035120
Fax: (46) 317035128

Clarus Drive enables rapid development of real-time driving simulations with a minimum of programming. Through the Graphical User Interface, users can define the unique requirements of driving simulation. Clarus Drive is available in two separate modules, dynamics and audio, which can be used independently. The dynamics module in Clarus Drive allows you to create and customize the vehicle dynamics for you're driving application. The audio module in Clarus Drive is used to attach sounds to the dynamics of the simulation. Clarus Drive audio can be used, not only with Clarus Drive dynamics, but also together with customer specific dynamics.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI

Sales Inquiries: marketing@clarus.se
General Inquiries: support@clarus.se
Web: www.clarus.se

SAS Institute, Inc.
SAS Campus Drive
Cary, NC 27513

Product: **VisualSpace VR**

Phone: (919) 677-8000
Fax: (919) 677-4444

VisualSpace VR is designed for realistic 3D modeling, lighting and real-time movement through a computer-generated virtual world. VirtualSpace enables the user to create and edit virtual worlds using a point-and-click visual modeling environment. These virtual worlds can then be realistically illuminated by the product's sophisticated radiosity technique though an intuitive navigational system.

Supported Eyewear: CrystalEyes
Supported Platforms: HP, PC, NT

Sense8 Corporation
100 Shoreline Boulevard, Suite 282
Mill Valley, CA 94941

Product: **WorldToolKit**

Phone: (415) 331-6318
Fax: (415) 331-9148

WorldToolKit is a portable, cross-platform development system for visual simulation and virtual reality applications. WorldToolKit has a powerful set of optimization functions unique to each platform that interfaces directly with each system's graphics libraries.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, SUN, PC, NT, MAC

Sales Inquiries: support@sense8.com
General Inquiries: support@sense8.com
Web: www.sense8.com

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INDUSTRIAL VR SOFTWARE

Sense8 Corporation
100 Shoreline Boulevard, Suite 282
Mill Valley, CA 94941

Product: **WorldUp**

Phone: (415) 331-6318
Fax: (415) 331-9148

WorldUp® is a complete software development and delivery environment. Built with SENSE8's award-winning WorldToolKit Release 6, World Up provides powerful real-time functionality in an interactive, object-oriented environment. World Up utilizes an easy-to-use point and click graphical user interface to call WorldToolKit functionality.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, SUN, PC, NT, MAC

Sales Inquiries: support@sense8.com
General Inquiries: support@sense8.com
Web: www.sense8.com

Sterling Software
303 Twin Dolphin Drive, Suite 510
Redwood City, CA 94065

Product: **FASTdrivers**

Phone: (415) 802-7100
Fax: (415) 802-7162

Sterling FASTdrivers is a highly optimized library that enables the NASA Flow Analysis Software Toolkit (FAST) to operate under AIX on IBM RISC System/6000 and the Hewlett Packard 9000 series workstations. The Sterling FASTdrivers package is installed with the FAST standard distribution from NASA or COSMIC, using makefiles and shell script files provided by Sterling. FAST is a modular analysis and visualization tool developed by Sterling Software under contract to NASA.

Supported Eyewear: CrystalEyes
Supported Platforms: IBM, HP

Web: www.sterling.com

Themekit
P.O. Box 14558
London SW19 3ZU
ENGLAND

Product: **VREK**

Phone: (44) 07000843635
Fax: (44) 07000790326

The Virtual Reality Explorer Kit (VREK) is a complete suite of tools for building and exploring immersive, interactive, and animated virtual worlds – including VRML – on a PC. Educational discounts on the software is available.

Supported Eyewear: SimulEyes
Supported Platforms: PC

Sales Inquiries: sales@themekit.com
General Inquiries: techsupport@themekit.com
Web: www.themekit.com

Virtus Corporation
114 MacKenan Drive, Suite 100
Cary, NC 27511

Product: **Walk Through**

Phone: (919) 467-9700
Fax: (919) 460-4530

Walkthrough is a powerful and intuitive 3-D visualization program that features robust modeling and editing tools, perspective-correct texture mapping, VRML export capabilities, and the most effective and affordable combination of real-time 3-D rendering and "walk through" navigation available.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, SUN, PC, NT

Sales Inquiries: info@virtus.com
General Inquiries: info@virtus.com
Web: www.virtus.com

StereoGraphics

Software Solutions Guide

INDUSTRIAL VR SOFTWARE

Vital Images, Inc.
3100 West Lake Street, Suite 100
Minneapolis, MN 55416

Product: **Voxel View/ULTRA**

Phone: (612) 915-8000
Fax: (612) 915-8010

VoxelView®/ULTRA takes advantage of SGI's advanced graphics systems to produce dramatically advanced, high-speed interactive volume rendering and analysis. This software system significantly increases absolute rendering speed and rendering efficiency. VoxelView/ULTRA renders over 50 million voxels per second on an Onyx RE . In addition, VoxelView/ULTRA gives users the unique option to embed traditional geometric graphics inside a volume of 3D data. Other key features include: control of all rendering parameters (such as opacity, lighting, rotation, zoom, thresholding, and color), comprehensive measurement capabilities, and multi-channel rendering.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI

Sales Inquiries: vikas@vitalimages.com
General Inquiries: vikas@vitalimages.com
Web: www.vitalimages.com

Vream
2568 North Clark, Suite 250
Chicago, IL 60614

Product: **VRCreator**

Phone: (312) 477-0425
Fax: (312) 477-9702

VRCreator is an authoring tool that lets users quickly and easily create VRML 2.0 content that can be experienced over the World Wide Web, within corporate intranets, and on standalone computers. VRCreator is designed to be powerful yet easy to use. It comes with a library of over 1,000 drag-and-drop assets (including 3D models, colors, textures, sounds, and JavaScript behaviors) that can be used to create state-of-the-art VRML content.

Supported Eyewear: CrystalEyes
Supported Platforms: PC

Web: www.vream.com

Wolfram Research
100 Trade Center Drive
Champaign, IL 61820

Product: **Mathmatica**

Phone: (217) 398-0700
Fax: (217) 398-0747

Mathematica is the premier software system for numerical and symbolic computation and visualization. Mathematica is ideal for creating interactive technical reports, presentations and courseware that include text, active formulas, graphics, and customizable buttons and palettes. Users easily create publication-quality two-and three-dimensional graphics and customizable solutions with the versatile programming language. Mathematica includes features such as an innovative typesetting system which allows users to do math using standard mathematical notation making Mathematica even easier to use.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, PC

Sales Inquiries: info@wri.com
General Inquiries: info@wri.com
Web: www.wolfram.com

StereoGraphics

Software Solutions Guide

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Software Solutions Guide

MECHANICAL CAD SOFTWARE

CADCentre, Inc.
High Cross Madingley Road
Cambridge CB2 0HB
ENGLAND

Product: **REVIEW**

Phone: (44)1223556655
Fax: (44)1223556666

REVIEW is a highly interactive visualization system for viewing 3D design models produced by CADCentre's PDMS (Plant Design Management System). Specifically designed to meet the process plant industry's requirements to dynamically visualize and produce computer generated animation sequences of 3D models, the system offers full color-shaded walk-through and interrogation facilities enabling process plant models to be displayed through the plant design life cycle.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, HP

Sales Inquiries: sales_office@cadcentre.co.uk
General Inquiries: sales_office@cadcentre.co.uk
Web: www.cadcentre.co.uk

CADCentre, Inc.
High Cross Madingley Road
Cambridge CB2 0HB
ENGLAND

Product: **REVIEW REALITY**

Phone: (44)1223556655
Fax: (44)1223556666

REVIEW REALITY brings new levels of realism to process plant design software by allowing designers to visualize petrochemical installations and offshore platforms as life-like computer models generated in real-time. Images can be delivered by REVIEW REALITY in a fraction of a second through hardware –assisted shadow-casting, texture mapping and anti-aliasing routines.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, HP

Sales Inquiries: sales_office@cadcentre.co.uk
General Inquiries: sales_office@cadcentre.co.uk
Web: www.cadcentre.co.uk

Division, Inc.
1400 Fashion Island Boulevard
Suite 510
San Mateo, CA 94404

Product: **dVISE**

Phone: (650) 312-8200
Fax: (650) 812-0800

dVISE is interactive, end-user software for authoring complex virtual worlds. It enables the non-programmer to easily develop virtual worlds, animate them with intelligent and realistic properties, and experience them in desktop or fully immersive modes. For quickly visualizing CAD models, dVISE accepts data from various sources, including AutoCAD, Wavefront Technologies (see DIGITAL ANIMATION SOFTWARE), MultiGen ModelGen (see INDUSTRIAL VR SOFTWARE), 3D Studio, Intergraph EMS and MicroStation, Dassault CATIA and STEP(see VIRTUAL PROTOTYPING SOFTWARE).

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, SUN, DEC, HP

Sales Inquiries: info@division.com
General Inquiries: info@division.com
Web: www.division.com

StereoGraphics

Software Solutions Guide

MECHANICAL CAD SOFTWARE

EDS Unigraphics
13736 Riverport Drive
Maryland Heights, MO 63043

Product: **Unigraphics**

Phone: (800) 498-5351
Fax: (314) 344-5455

Unigraphics is the ultimate system for complex design through manufacturing in aerospace, automotive, machinery, medical, high tech/electronics and consumer applications. With its powerful hybrid modeler that lets designers choose the right tool for the job. Associative master model database, multi-component assembly capabilities, intuitive drafting, sheer manufacturing strength and the tightest link to Product Data Management (PDM) in the industry, Unigraphics is unbeatable in terms of integration, associativity, flexibility and collaborative teaming.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, SUN, DEC, HP

Sales Inquiries: uginfo@ug.eds.com
General Inquiries: uginfo@ug.eds.com
Web: www.ug.eds.com

Matra Datavision
One Andover Tech Center
Andover, MA 01810

Product: **Megavision**

Phone: (508) 685-5511
Fax: (508) 685-7100

MEGAVISION is MATRA Datavision's special product for the visualization of space allocation and spatial interference in complex assemblies. Controlled by dial box buttons, this easy-to-use tool provides a dynamic scanning plane for visually sweeping the entire assembly or a particular subassembly. The user simultaneously follows both the complete, three dimensional screen view of an object and a dynamic, two-dimensional scan of a particular section. Mounting and dismounting of parts can be followed along a specific path to detect potential collision areas. Each component of the assembly is moved step-by-step and its position is recorded. The scene is then replayed with the active scanning plane to check for interference. With MEGAVISION, the designer can interactively validate even the largest most complex assemblies in real-time.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, SUN, DEC, HP

Sales Inquiries: webmaster@matra-datavision.com
General Inquiries: webmaster@matra-datavision.com
Web: www.matra-datavision.com

Matra Datavision
One Andover Tech Center
Andover, MA 01810

Product: **Datavision**

Phone: (508) 685-5511
Fax: (508) 685-7100

Complementing the STRIM applications, MATRA Datavision provides other Professional Solution software tools for specific trade applications that can be used in any CAD environment. Each solution supports industry-standard interfaces, allowing effective communication with outside CAD systems.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, SUN, DEC, HP

Sales Inquiries: webmaster@matra-datavision.com
General Inquiries: webmaster@matra-datavision.com
Web: www.matra-datavision.com

StereoGraphics

Software Solutions Guide

MECHANICAL CAD SOFTWARE

Matra Datavision
One Andover Tech Center
Andover, MA 01810

Product: **Strim**

Phone: (508) 685-5511
Fax: (508) 685-7100

Aesthetic challenges, technical constraints, economy...each form, each model, each new design project is a test of the designer's skill and ingenuity. This is why the STRIM Professional Solutions integrate the know-how and the industry-specific tools designers need to do the best job in the shortest possible time. STRIM addresses styling and industrial design in particular, as well as tooling and the plastics industry. STRIM was conceived with a specific goal in mind: to provide high-performance solutions that are perfectly adapted to the special demands of styling, reverse engineering, part manufacture, and analysis. STRIM features are: dynamic free-form modeling, precise rapid prototyping and reverse engineering, wide range of tools for plastic part analysis, and top-performance machining in 3 to 5 axes.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, SUN, DEC, HP

Sales Inquiries: webmaster@matra-datavision.com
General Inquiries: webmaster@matra-datavision.com
Web: www.matra-datavision.com

Simsalabim Software
P. O. Box 4446
Berkeley, CA 94704-0046

Product: **Virtual Studio**

Phone: (510) 644-3428
Fax: (510) 845-0377

Create, edit, view and render AutoCAD r12 drawings in true stereoscopic 3D, in real-time, via an intuitive click and drag user interface. Reads and writes DXF and SIM files.

Supported Eyewear: CrystalEyes
Supported Platforms: PC

Sales Inquiries: max@simsalabim.com
General Inquiries: max@simsalabim.com
Web: www.webfeats.com

Structural Dynamics Research Corporation
2000 Eastman Drive
Milford, OH 45150

Product: **Master Series 5**

Phone: (513) 576-2400
Fax: (513) 576-2135

Master Series 5 provides key enabling technologies for companies developing electronic prototypes of complete vehicles as well as highly complex products from the aerospace, electro-mechanical, and industrial equipment industries. Master Series 5 contains more than 90 integrated software modules which address the primary areas of mechanical product development. The product provides the industry's most complete solution for achieving competitive advantage using integrated mechanical design automation tools.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, SUN, DEC, HP, IBM, NT

Sales Inquiries: nao.support@sdrc.com
General Inquiries: nao.support@sdrc.com
Web: www.sdrc.com

StereoGraphics

Software Solutions Guide

MEDICAL SOFTWARE

HT Medical, Inc.
6001 Montrose Road, Suite 902
Rockville, MD 20852

Product: **VR Medical Simulation**

Phone: (301) 984-3706
Fax: (301) 984-2104

HT Medical, Inc. provides software applications, interface device hardware, and industry protocols for the medical training and certification market. HT Medical, Inc. develops systems that incorporate the visual, physical/behavioral, and tactile realism necessary for life-like medical simulation. Systems include such applications as a program that simulates the removal of the pelvic lymph node, and a program that simulates the placement of coronary angioplasty.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI

Sales Inquiries: webmaster@ht.com
General Inquiries: webmaster@ht.com
Web: www.ht.com

Indec Systems, Inc.
820 Bay Avenue, Suite 212
Capitola, CA 95010

Product: **BioMedical**

Phone: (408) 479-8285
Fax: (415) 919-0150

INDEC Systems, Inc. is a leading imaging software and instrumentation developer and supplier. Providing simple low cost solutions in medical, biological, and industrial imaging, INDEC Systems Inc is currently involved in several exciting areas of scientific imaging: intravascular ultrasound imaging (IVUS), multidimensional confocal microscopy, semiconductor wafer inspection and metrology. INDEC's product line also includes proven solutions in data acquisition and analysis.

Supported Eyewear: CrystalEyes
Supported Platforms: PC

Sales Inquiries: allen@indecsystems.com
General Inquiries: webmaster@indecsystems.com
Web: www.indecsystems.com

StereoGraphics

Software Solutions Guide

MOLECULAR MODELING SOFTWARE

Hypercube, Inc.
1115 NW Fourth Street
Gainesville, FL 32601

Product: **Hyperchem**

Phone: (352) 371-7744
Fax: (352) 371-3662

HyperChem is a sophisticated molecular modeling program that is known for its quality, flexibility, and ease of use. HyperChem provides 3-D visualization and animation, quantum chemical calculations, molecular mechanics and molecular dynamics, and drawing and database capabilities (and more) ; it is readily customizable and allows extensive user control. HyperChem interfaces easily to other programs, from desktop applications to user-written and third-party programs, making it an unusually versatile desktop molecular modeling program for PC's.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, PC, NT

Sales Inquiries: sales@hyper.com
General Inquiries: info@hyper.com
Web: www.hyper.com

Molecular Applications Group
607 Hansen Way, Building 1
Box 51110
Palo Alto, CA 94303

Product: **LOOK**

Phone: (650) 846-3570
Fax: (650) 846-3595

Look integrates the study of protein sequence and structure to help you understand function. Look performs sequence alignment, site-directed mutagenesis predictions, evolutionary conservation analyses, structural analyses, and residue-specific literature searches.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, SUN, DEC, PC, MAC

Sales Inquiries: info@mag.com
General Inquiries: info@mag.com
Web: www.mag.com

Molecular Applications Group
607 Hansen Way, Building 1
Box 51110
Palo Alto, CA 94303

Product: **SegMod**

Phone: (650) 846-3570
Fax: (650) 846-3595

SegMod (Segment Match Modeling) combines automated simplicity with powerful and accurate algorithm to make homology modeling accessible to modelers and non-modelers alike. SegMod works within Look's user-friendly interface.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, SUN, DEC, PC, MAC

Sales Inquiries: info@mag.com
General Inquiries: info@mag.com
Web: www.mag.com

StereoGraphics

Software Solutions Guide

MOLECULAR MODELING SOFTWARE

Molecular Simulations, Inc.
9685 Scranton Road
San Diego, CA 92121

Product: **Quanta**

Phone: (619) 458-9990
Fax: (619) 458-5319

QUANTA provides a powerful and comprehensive modeling environment for 2D and 3D modeling, simulation, and analysis of macromolecules and small organics. Functionality includes structural and similarity analysis tools, cluster analysis, and flexible fitting. Advanced and customizable graphics display assists understanding of even the most complex molecular systems. Simulation and analysis results are presented as clear plots and graphs. With access to all standard file formats, and interfaces to CHARMm, X-PLOR, X-PLOR-DG, Modeler, and multiple third party QM/MM codes, QUANTA offers a complete solution for visualization and investigation of molecules in the life sciences.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, SUN, DEC, IBM, PC

Sales Inquiries: support@msi.com
General Inquiries: support@msi.com
Web: www.msi.com

Molecular Simulations, Inc.
9685 Scranton Road
San Diego, CA 92121

Product: **Insight II**

Phone: (619) 458-9990
Fax: (619) 458-5319

Insight II® is BIOSYM's 3D graphical environment for molecular modeling. Its powerful interface gives you a seamless flow of data between other BIOSYM programs. Use the Insight II program to create, modify, manipulate, display and analyze molecular systems and related data.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, SUN, DEC, IBM, PC

Sales Inquiries: support@msi.com
General Inquiries: support@msi.com
Web: www.msi.com

Tripos Associates, Inc.
1699 South Hanley Road, Suite 303
St. Louis, MO 63144

Product: **Alchemy III**

Phone: (314) 647-1099
Fax: (314) 647-9241

Alchemy is a productivity tool that scientists use to create accurate models of all classes of molecular structures. It can import structures from the Brookhaven Protein Data Bank, CAS Registry Files, SYBYL, and LabVision.

Supported Eyewear: CrystalEyes
Supported Platforms: PC, MAC

Sales Inquiries: support@tripos.com
General Inquiries: support@tripos.com
Web: www.tripos.com

Tripos Associates, Inc.
1699 South Hanley Road, Suite 303
St. Louis, MO 63144

Product: **ChemPrint**

Phone: (314) 647-1099
Fax: (314) 647-9241

Use ChemPrint to produce molecular structures and reaction diagrams for tailored presentations and reports. The user can define an unlimited number of molecules and reactions and store them in customized templates.

Supported Eyewear: CrystalEyes
Supported Platforms: PC, MAC

Sales Inquiries: support@tripos.com
General Inquiries: support@tripos.com
Web: www.tripos.com

StereoGraphics

Software Solutions Guide

MOLECULAR MODELING SOFTWARE

Tripes Associates, Inc.
1699 South Hanley Road, Suite 303
St. Louis, MO 63144

Product: **PowerSearch**

Phone: (314) 647-1099
Fax: (314) 647-9241

PowerSearch enables users to quickly locate low energy conformations of acyclic molecules.

Supported Eyewear: CrystalEyes
Supported Platforms: PC, MAC

Sales Inquiries: support@tripos.com
General Inquiries: support@tripos.com
Web: www.tripos.com

Tripes Associates, Inc.
1699 South Hanley Road, Suite 303
St. Louis, MO 63144

Product: **SYBYL**

Phone: (314) 647-1099
Fax: (314) 647-9241

SYBYL® is comprehensive, integrated, 3-D molecular visualization, design, and analysis software that enhances the research productivity of scientists in chemical, pharmaceutical, biotechnological, and other fields. Researchers can easily use the innovative Molecular Spreadsheet with its "live chemistry" environment to enhance their daily productivity in analytical information processing (SYBYL/NMR TRIAD), chemical information processing (SYBYL/UNITY), and molecular visualization, design, and analysis. Additional SYBYL modules include Advanced Computation, CoMFA/QSAR, Dynamics, and Biopolymer.

Supported Eyewear: CrystalEyes
Supported Platforms: PC, MAC

Sales Inquiries: support@tripos.com
General Inquiries: support@tripos.com
Web: www.tripos.com

Wave Function
18401 Von Karmen Avenue
Suite 370
Irvine, CA 92612

Product: **SPARTAN**

Phone: (714) 955-2120
Fax: (714) 955-2118

SPARTAN has a single, fully-featured GUI that allows users, in very little time, to build and manipulate molecules, display computed graphics, and see the answers to your most complex chemistry questions. Molecules can be constructed in minutes using graphical "builders" that provide fast and easy access to a wide range of elements and hybridizations.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, PC, NT

Sales Inquiries: sales@wavefun.com
General Inquiries: sales@wavefun.com
Web: www.wavefun.com

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Software Solutions Guide

PHOTOGRAMMETRY SOFTWARE

Autometric, Inc.
5301 Shawnee Road
Alexandria, VA 22312

Product: **OrthoMAX**

Phone: (703) 658-4450
Fax: (703) 658-4021

OrthoMAX provides for the ingest of digital imagery (aerial and satellite), block triangulation, automatic elevation extraction and orthophoto generation.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, SUN

Sales Inquiries: customerservice@autometric.com
General Inquiries: customerservice@autometric.com
Web: www.autometric.com

Autometric, Inc.
5301 Shawnee Road
Alexandria, VA 22312

Product: **SoftPlotter**

Phone: (703) 658-4450
Fax: (703) 658-4021

The SoftPlotter Integrated Photogrammetric System is an integrated end-to-end digital mapping system. It allows for the ingest of digital imagery, both satellite and aerial, multi-sensor block triangulation, automatic DTM collection, orthophoto generation, vector collection and edit and image mosaic. A broad range of vector data, such as DXF and ARC Info, may be imported, manipulated and exported. A fully integrated MicroStation tailored for mapping applications has been added. Key automated features include: production and product management, automatic interior orientation, tie point mensuration and image mosaicing.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, SUN

Sales Inquiries: customerservice@autometric.com
General Inquiries: customerservice@autometric.com
Web: www.autometric.com

Earth Resource Mapping
4370 La Jolla Village Drive
Suite 900
San Diego, CA 92122

Product: **ER Mapper**

Phone: (619) 558-4709
Fax: (619) 558-2657

ER Mapper is an advanced image processing system designed for performance, flexibility, and data integration. With its point-and-click operation and high-performance processing techniques, ER Mapper is ideal for mapping applications requiring display, processing and analysis of geographic information.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, SUN, HP, DEC, PC

Sales Inquiries: queries@ermusa.com
General Inquiries: queries@ermusa.com
Web: www.ermapper.com

International Systems Corp.
650 West Georgia Street
Suite 777
Vancouver, BC V6B 4N7

Product: **DiAP**

Phone: (604) 684-3750
Fax: (604) 684-9750

The DiAP Digital image Analytical Plotter system provides the user with a comprehensive digital photogrammetric system. DiAP is based on analytical photogrammetry and scanned image (softcopy) technology. DiAP emulates all the functions of an analytical plotter.

Supported Eyewear: CrystalEyes
Updated: December 1, 1997
Corp.

Sales Inquiries: info@ismcorp.com
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Supported Platforms: NT

General Inquiries: info@ismcpr.com

VIRTUAL PROTOTYPING SOFTWARE

Dassault Systems
1935 North Buena Vista Street
Burbank, CA 91504

Product: **CATIA 4D Navigator**

Phone: (818) 559-3600

Fax: (818) 559-3339

CATIA 4D Navigator enables designers to quickly glide around their CATIA assemblies to conduct virtual inspections — designers can virtually fly through their digital mock-ups to conduct the visual inspection. Users can also control viewpoints and animation parameters. 4D Navigator then takes them through their assembly for a visual inspection that can highlight defects before they become a problem.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI, IBM, HP, SUN

Sales Inquiries: nasinfo@ds-us.com

General Inquiries: nasinfo@ds-us.com

Web: www.catia.com

GMS
Marcus House Wheelock Street
Middlewich, Cheshire CW10 9AE
ENGLAND

Product: **Jack**

Phone: (016) 06835543

Fax: (016) 06836093

Jack is a human simulation system providing a 3D world with a population of controllable mannequins, allowing analytical studies of how vehicle designs and people may interact.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI

Transom Technologies, Inc.
201 S. Main Street, Suite 1000
Ann Arbor, MI 48104

Product: **Transom Jack**

Phone: (313) 761-6001

Fax: (313) 761-7003

The Transom Jack software system provides a powerful 3D graphical environment that enables a user to create or import graphics of objects and environments, easily populate the environment with a human model or models, and interact with the "virtual scene." Transom Jack enables definition, positioning, animation, and human factors performance analysis of simulated human figures. Such figures can be used for human factors analysis of reach, grasp, view, fit, comfort, and motion.

Supported Eyewear: CrystalEyes
Supported Platforms: SGI

Sales Inquiries: info@transom.com

General Inquiries: info@transom.com

Web: www.transom.com

StereoGraphics

Software Solutions Guide

VIRTUAL REALITY GAMES

Apogee
Box 496389
Garland, TX 75093

Product: **Rise of the Triad**

Phone: (972) 278-5655
Fax: (972) 278-4670

Developed by 3D Realms.

You are a member of the HUNT, the top secret High-risk United Nations Taskforce, sent on extremely covert operations to possible trouble spots outside the three-mile boundary waters of member countries. You are investigating a breakout of cult activity on a small island in the Gulf of Santa Catalina. Little do you know that your battle here is only the beginning of the Dark War about to be waged. Fight bravely and survive the onslaught of hundreds of the evil Oscuridos, because you have to defeat their well-armed and heavily-funded forces to reach their master, El Oscuro, in the next mission.

The full version is included on the SimulEyes CD. (upon purchase of eyewear)

Supported Eyewear: SimulEyes
Supported Platforms: DOS

General Inquiries: help@apogee1.com
Web: www.apogee.com

Apogee
Box 496389
Garland, TX 75093

Product: **Wolfenstein 3D**

Phone: (972) 278-5655
Fax: (972) 278-4670

Developed by Id Software. Full-version not available in some European countries.

You're William J. "B.J." Blazkowicz, the Allies' bad boy of espionage and a terminal action seeker. Your mission was to infiltrate the Nazi fortress Castle Hollehammer and find the plans for Operation Eisenfaust, the Nazi's blueprint for building the perfect army. Rumors are that deep within the castle the diabolical Dr. Schabbs has perfected a technique for building a fierce army from the bodies of the dead. It's so far removed from reality that it would seem silly if it wasn't so sick. But what if it were true? As an escaped prisoner in a Nazi war prison, you will move smoothly through a 3D world full of amazing detail and animation. Unlike other 3D games, you'll run through a sensational and realistic 3-D environment, with intelligent moving guards and opponents.

Supported Eyewear: SimulEyes
Supported Platforms: DOS

General Inquiries: help@apogee1.com
Web: www.apogee.com

Auric Vision Ltd.
88 Kings Way
Holborn, London WC2B 6AW
ENGLAND

Product: **MadSpace**

Phone: (44) 171 419 2574
Fax: (44) 171 4192 576

Developed by Maddox Games

The distant future. Earthlings have created a spaceship capable of exploring the Far Cosmos. While exploring, completely to their surprise they became involved in inter-galaxy conflicts between different galactical races. In this battle, the Earthlings are on the side of the humanoid, mighty and ancient race - Kerkops. The Kerkopian race has long been the leader of the cosmic war with the inhumanoid enemies- the Krakins. The Krakins' single goal: To conquer all galaxies and to fully destroy any other living form, independent developing in the infinite Great Cosmos. Having known about the new unification of the Earthlings with the Kerkopians- the Krakins sent a special Space Destroyer to Earth which, with one powerful sweep, can put an end to the young, although quickly developing race.

Supported Eyewear: SimulEyes

General Inquiries: support@auricvision.com

StereoGraphics

Software Solutions Guide

Supported Platforms: DOS

Web: www.auricvision.com

VIRTUAL REALITY GAMES

Auric Vision Ltd.
88 Kings Way
Holborn, London WC2B 6AW
ENGLAND

Product: **Z.A.R.**

Phone: (44) 171 419 2574
Fax: (44) 171 4192 576

Developed by Maddox Games

ILIUM SPACE Bank founded the ZAR FUND Corp. and WASSA in order to finance the exploration and space settlement programs. The ZAR FUND Corp. reported before the accident that they had been the largest iveriy supplier in the world. The ZAR FUND Corp. supplies 92% of the world's iveriy. November 29, 2097 WASSA employee Elen McKey will change the authorization access code to the Hermit's personal file in the computer archives. From this day on, the access code to the Hermit's personal information will only be known to three people on Earth....

Supported Eyewear: SimulEyes
Supported Platforms: DOS

General Inquiries: support@auricvision.com
Web: www.auricvision.com

Battle Sim Soft
811 Strickroth Dr
Milpitas, CA 95035.

Product: **Dreadnaught**

Phone: (510) 226-7646
Fax: (510) 785-7278

Dreadnought is a real time-strategy-shoot 'em' dead space-war game that fully utilizes the entire 3D space. Here, death is inevitable. The action rolls faster as you climb to the next mission. To win a battle, you (a commander of a space fleet) must use your wits to plan out your defensive and offensive moves. Furthermore, eye-hand shooting coordination is required to destroy the enemy task forces. The key is to know the exact location and objective of your units at all times. To do this, you must familiarize yourself with the different camera views; use the map view; toggle through different cameras; change your view from first to third or visa versa; rotate the view with the camera's fine controls; keep your eyes on the radar screen.

Supported Eyewear: SimulEyes
Supported Platforms: DOS

General Inquiries: battle@battlesim.com
Web: www.battlesim.com

Gremlin Interactive
Carver House 2-4 Carver Street
Sheffield S1 4FS
ENGLAND

Product: **Slipstream 5000**

Phone: (44)01142753423

Developed by Software Refinery.

Players compete as one of 10 different characters with unique slipstream aircraft, each with their own features, weapons, and flying style. Full track preview to analyze the circuit and map out your strategy. 3D rendered and texture mapped graphics. With 2-player split screen game play, race head to head against a friend. Instant replay lets you relive those high speed aerial moves and dramatic crashes. Select Combat or Non-combat modes of racing.

The full version is included on the SimulEyes CD. (upon purchase of eyewear)

Supported Eyewear: SimulEyes
Supported Platforms: DOS

Sales Inquiries: help@gremlin.co.uk
General Inquiries: help@gremlin.co.uk
Web: www.gremlin.co.uk

StereoGraphics

Software Solutions Guide

VIRTUAL REALITY GAMES

Gremlin Interactive
Carver House 2-4 Carver Street
Sheffield S1 4FS
ENGLAND

Product: **HARDWAR**

Phone: (44)01142753423

Developed by Software Refinery.

You're an Operative, a free agent and a speculator. Your home is the overcrowded claustrophobic terminally ill city of Misplaced Optimism, the last of the crater clusters on the barren mined-out Titan. Scanning the comms channel for salvage or sabotage jobs throughout the hostile network of craters and tunnel links, you aim to better your reputation, gain credit, enhance your Moth (your ship, your only real asset) and ultimately escape Titan, a fantasy for all but the powerful and influential.

Supported Eyewear: SimulEyes

Supported Platforms: DOS

Sales Inquiries: help@gremlin.co.uk

General Inquiries: help@gremlin.co.uk

Web: www.gremlin.co.uk

Interplay
16815 Von Karmen Drive
Irvine, CA 92606

Product: **Descent I (upgrade)**

Phone: (714) 553-6655

Fax: (714) 252-2820

Developed by Parallax.

The year is 2132. You are an outside contractor working for the PostTerran Minerals Corporation, a company known for its power, technology, and shameless materialism. Rumor has it the untouchable PTMC has a serious problem with its planetary mining network... you are ordered to report for a briefing...Descent is a heart-pounding, gun-wrenching, edge-of-your-seat experience.

The upgrade allows you to play the game in stereo.

Supported Eyewear: SimulEyes

Supported Platforms: DOS

Sales Inquiries: info@interplay.com

General Inquiries: support@interplay.com

Web: www.interplay.com

Interplay
16815 Von Karmen Drive
Irvine, CA 92606

Product: **Descent II**

Phone: (714) 553-6655

Fax: (714) 252-2820

Developed by Parallax.

Your next missions send you racing into the deepest, blackest depths of five new alien worlds. Through icy waterfalls and over rivers of lava you descend through all-new unique environments and deadly chasms of each planet. Invading inward, you head towards the core in an attempt to annihilate the planet itself.

The first 3 levels of Descent II are included on the SimulEyes CD. (upon purchase of eyewear)

Supported Eyewear: SimulEyes

Supported Platforms: DOS

Sales Inquiries: info@interplay.com

General Inquiries: support@interplay.com

StereoGraphics

Software Solutions Guide

Web: www.interplay.com

VIRTUAL REALITY GAMES

Interplay
16815 Von Karmen Drive
Irvine, CA 92606

Product: **Whiplash**

Phone: (714) 553-6655
Fax: (714) 252-2820

Developed by Gremlin Interactive.

Sit down. Strap in. And hang on for a tire-squealing, fender crunching, no-holds-barred stunt racing duel to the death. Whiplash pits you against up to 15 arch-rivals as you battle through 24 of the most insane and deadly race courses ever devised, all loaded with giant loops, jumps corkscrews, and more!

The first track of Whiplash is included on the SimulEyes CD. (upon purchase of eyewear)

Supported Eyewear: SimulEyes
Supported Platforms: DOS

Sales Inquiries: info@interplay.com
General Inquiries: support@interplay.com
Web: www.interplay.com

Interplay
16815 Von Karmen Drive
Irvine, CA 92606

Product: **Shattered Steel**

Phone: (714) 553-6655
Fax: (714) 252-2820

Developed by Bioware.

Ever growing, ever consuming, humankind depleted the resources of the Core worlds in the 21st Century. Fueled by the insatiable hunger for natural elements, the Core Wars erupted. These devastating conflagrations left human society in ruins. Massive industrial conglomerates arose as the ruling powers. These gargantuan corporation maintain a tenuous order with the brutal force of mechanized mercenary armies. The search for essential elements has reached deep into the galaxy's heart.

Supported Eyewear: SimulEyes
Supported Platforms: DOS

Sales Inquiries: info@interplay.com
General Inquiries: support@interplay.com
Web: www.interplay.com

Interplay
16815 Von Karmen Drive
Irvine, CA 92606

Product: **VR Soccer**

Phone: (714) 553-6655
Fax: (714) 252-2820

Developed by Gremlin Interactive.

VR Soccer: It's the next generation of soccer with real-time 360° 3-D Virtual FieldVision that lets you play soccer from any perspective instantly. From bicycle kicks to breakaway goals, you'll see, hear, and experience what makes this game not only look better, but play better. Realistic 3-D polygon figures and stadiums. Replay moments of glory on the big screen. Play virtually any position or play against your friends with the multiplayer option. Virtual FieldVision - play soccer in a real time 360° 3-D world from any perspective. Includes 44 international teams plus many options like customized cups and tournaments. Begging, crying, screaming, and barking are all acceptable, if not encouraged, manners of behavior when trying to ensure you'll be rewarded with a free kick.

Supported Eyewear: SimulEyes
Supported Platforms: DOS

Sales Inquiries: info@interplay.com
General Inquiries: support@interplay.com

Updated: December 1, 1997
Corp.

StereoGraphics

StereoGraphics

Software Solutions Guide

Web: www.interplay.com

StereoGraphics

Software Solutions Guide

VIRTUAL REALITY GAMES

Interplay
16815 Von Karmen Drive
Irvine, CA 92606

Product: **MDK**

Phone: (714) 553-6655
Fax: (714) 252-2820

Developed by Shiny Entertainment.

Like a tide of evil, they arrive too fast to be counted, as they take the off-ramp from hell. Eight giant moving cities crawl out of this chaos, wreaking more havoc as many Earth cities are inadvertently crushed by these great hulking monstrosities. The people of Earth go into hiding.

But little do they know there is still a chance. Five years earlier, inventor extraordinary, Dr. Fluke Hawkins and his two companions, Max (an overzealous, genetically engineered dog) and his young protege Kurt, rocketed off on his five day mission to study the Palin Effect of "flange orbits." They were never heard from again. After watching the streams attacking earth, they started to suspect something was wrong.

This is the game that Shiny calls "Max, Dr. Fluke Hawkins & Kurt". However the industry has already started calling it Murder Death Kill.

Supported Eyewear: SimulEyes
Supported Platforms: DOS

Sales Inquiries: info@interplay.com
General Inquiries: support@interplay.com
Web: www.interplay.com

Softdisk Publishing
606 Common Street
Shreveport, LA 71101

Product: **In Pursuit of Greed**

Phone: (318) 221-8718
Fax: (318) 221-8870

Developed and published by Softdisk Publishing.

It is the year 15392. The Sengzhac empire has fallen to the flames of decadence and insurrection, its noble houses crushed and suffering in exile. From the chaos have risen tyrants and petty dictators who consort with criminal clans to tighten their grip on their rule.

The main source of entertainment, prestige, and ill-gotten gains is a space borne gambling casino known as the Red Hunter. Run by the crime lord Arbiter, hunters from all corners of the galaxy gather in hopes of winning a Hunt - garnering wealth, fame, and favor in the eyes of their overlords. You are a Hunter. You've got a gun. You know how to use it. Let the games begin.

The first 8 levels of In Pursuit of Greed are included on the SimulEyes CD. (upon purchase of eyewear)

Supported Eyewear: SimulEyes
Supported Platforms: DOS

Sales Inquiries: info@softdisk.com
General Inquiries: info@softdisk.com
Web: www.softdisk.com