Applications

Hardware & Peripherals

ALLDISK RAID

Tom Schaefer
Ntl. Account Manager
Peripheral Solutions
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Santa Cruz, CA 95060
USA
408-425-8280
408-425-5792 (fax)
tom@alldisk.com
http://www.alldisk.com

Peripheral Solutions' ALLDISK RAID is a completely compatible mass storage solution. With capacities from 8GB to over 1TB of usable storage and the performance of RAID levels 0,3,4 and 5 the ALLDISK RAID is among the most comprehensive and cost effective storage solutions available today.

IRIX version compatibility: 5.3, 6.1

Apunix OpenScan™ for SGI

Sylvia Berens
Vice President
Apunix Computer Services
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Suite 105
San Diego, CA 92123
USA
619-495-9229
619-495-9230 (fax)
sales@apunix.com
http://www.apunix.com

OpenScan™ is designed to be utilized with Apunix's grayscale scanners, its high speed binary scanners, and its 24 bit color scanners. OpenScan is a program for controlling and manipulating a scanner. The software includes a device driver, an easy to use GUI, User Callable Libraries, and Scan Server Daemon for sharing the scanner across the network. OpenScan is designed to take full advantage of all of the hardware features of each scanner.

Apunix OpenScan is designed to be used with a wide variety of scanners for document imaging requirements, desktop publishing, and scientific and GIS imaging.

IRIX version compatibility: 5.1, 5.2, 5.3, 5.x, 6.0, 6.1, 6.2, 6.x

CAMELEO PRO®

Valery de March
Marketing Manager
CALDERA GRAPHICS
BP 94-25 boulevard Wilson
Strasbourg Cedex, 67067
France
33-3-88-21-00-0
33-3-88-75-62-4 (fax)
vdm@caldera.fr

CAMELEO PRO® is a professional integrated graphic chain for digital images production.

CAMELEO PRO® integrates CAMELEO PLUS® and its options and allows the connection and driving of high-end peripheral devices (Canon color copiers, IRIS printers, 8/16K film recorders, A0 scanners...).

IRIX version compatibility:

Hardware & Peripherals

CD Studio™

Heather Barger
Marketing Manager
Young Minds, Inc.
1910 Orange Tree Lane
Suite 300
Redlands, CA 92374
USA
909-335-1350
909-335-1350 (fax)
barger@ymi.com
http://www.ymi.com

CD Studio is a CD-Recordable system for UNIX workstations and networks. CD Studio combines premastering software, an intelligent controller and a CD-Writer. With CD Studio, users can create ISO 9660/ Rock Ridge, bootable, and custom format discs. Fully networkable, CD Studio does not require a dedicated workstation. CD Studio supports most popular recorders, including the quad-speed Yamaha CDR100 and the six-speed Kodak PCD 600, and the Kodak Disc Transporter.

CD Studio's unique combination software and intelligent controller provides a great deal of portablility-CD Studio is currently available on more than 25 UNIX platforms--and reliability. Even at 6x speeds, across a network, and with other tasks running on the host, there is virtually no chance of burning a bad disc.

CD Studio was recently named "1995 Product of the Year" by the editors of Imaging Magazine and the Digital Science Division of Eastman Kodak recognized CD Studio with a "Kodak Integration Excellence Award".

IRIX version compatibility: 5.x, 6.x

CD-ROM

Glenn Staples
Manager Procurement
nStor Corporation
450 Technology Park
Lake Mary, FL 32746
USA
407-829-3520
407-829-3615 (fax)
glennstaples@nstor.com
http://www.nstor.com

Parity Systems' CD-ROM drives may be configured in a stand-alone SCSI subsystem, or incorporated into a multi-device configuration including disk and/or tape drives. Parity also manufactures mounting brackets for most systems to enable mounting the drive internally. Silicon Graphics has authorized Parity to offer the identical high-speed CD-ROM drive, with Silicon Graphics' firmware, that SGI sells. This assures that the CD-ROM drive is fully compatible with all Silicon graphics hardware and software.

Parity Systems Inc. - The Data Management Company™ - Serving You Since 1986.

IRIX version compatibility: 5.1, 5.2, 5.3, 5.x, 6.0, 6.1, 6.2, 6.x

CD/ROMS / CD/Writers

Michael Kowalski
Product Manager
LegaSys International
565 Burbank Street
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303-469-6114
303-469-4699 (fax)
mike@legasys.com
http://www.legasys.com

LEGASYS offers both fully compatible CD/ROMS and CD/Writers. As always LEGASYS stocks the latest in CD technology. All CD/ROMS are guaranteed 100% bootable across ALL SGI platforms and operating systems.

The LEGASYS CD/Writers are also state of the art. Consisting of 4X writes and 6X reads; these CD/Writers are bundled with user friendly software that makes burning new disks a breeze.

If you have any questions, help is just a phone call away via our 800 Tech Suport Line, 1-800-785-2350, available Monday - Friday 8:00 to 5:00 MST.

IRIX version compatibility: 5.1, 5.2, 5.3, 5.x, 6.0, 6.1, 6.2, 6.x, Pre 5.x

Hardware & Peripherals

CTD8000E-SSP

Mike O Connor
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2720 Orchard Parkway, M/
S: 3-103
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USA
408-456-3166
408-456-3223 (fax)
michael_c_oconnor@notes
.seagate.com
http://www.seagate.com

DDS-2 External DAT drive

IRIX version compatibility: 5.x, 6.x, Pre 5.x

Centon Memory Upgrades

Robert Kanoff
Dir, Sales & MArketing
Centon Electronics, Inc.
20 Morgan
Irvine, CA 92618
USA
714-699-2084
714-855-6035 (fax)
rkanoff@centon.com
http://www.centon.com

Centon manufactures 100% compatible memory upgrade products for Silicon Graphcis o2, Challenge, Indy, Indigo, Series, Power Indigo, and ONYX Series workstations. All Centon products are backed by a lifetime warranty.

IRIX version compatibility: 5.1, 5.2, 5.3, 5.x, 6.0, 6.1, 6.2, 6.3

DLT LIBRARY

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Looking for a high performance DLT Library? LEGASYS has them! In capacities up to 4. 2 TB. LEGASYS offers state-of-the-art Libraries from Breece Hill Technologies. In table-top or rackmount configurations. Designed with the customer in mind this library is scale-able. Making it easy to maintain both the library and its value. Also all DLT Libraries come standard with Bar Coding for easy cartridge identification and is provided with a leading backup software which makes this a simple solution to integrate into your operating environment.

If you have any questions, help is just a phone call away via our 800 Tech Suport Line, 1-800-785-2350, available Monday - Friday 8:00 to 5:00 MST.

IRIX version compatibility: 5.1, 5.2, 5.3, 5.x, 6.0, 6.1, 6.2, 6.x, Pre 5.x

DLT20XT 30 GB 1/2" Cartridge Tape Drive

Rick Pickett
President
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303-469-6114
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http://www.legasys.com

The DLT20XT is a 30 GB Cartridge Tape Subsystem 1/2" Tape Drive in a 5.25" Footprint. With the inclusion of the optional Automated Library, which includes 7 tapes, the DLT20XT has a total capacity of 210 GB of on-line tape storage. The DLT20XT has a sustained data rate of 2.5 MB/Second, and is 100% compatible with all Silicon Graphics workstations.

IRIX version compatibility: 5.1, 5.2, 5.3, 5.x, 6.0, 6.1, 6.2, 6.x, Pre 5.x

Hardware & Peripherals

DTL20 20GB 1/2" Cartridge Tape Drive

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303-469-6114
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The DTL20 is a 1/2" tape 5.25" footprint 20 GB Cartridge Tape System with a data transfer rate of 2.5 MB/Sec. With the inclusion of the optional Automated Library, which includes 7 tapes, the DTL20 has a total capacity of 140 GB of on-line tape storage. The DTL20 is compatible with all Silicon Graphics workstations.

IRIX version compatibility: 5.1, 5.2, 5.3, 5.x, 6.0, 6.1, 6.2, 6.x, Pre 5.x

Disk Drives

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LEGASYS Disk Drives range from 2 GB to 23 GB of stand-alone capacity (for more capacity see RAID ARRAYS). These drives are 100% compatible with ALL SGI workstations and servers. LEGASYS also offers custom configurations. Whether it be a Video Disk Array for fast, stripped transfer rates or a disk drive in a secure, removable, enclosure, LEGASYS can provide the solution you need. Internal and external configurations are available and, as always, all external enclosures are custom colored to match the color of the workstation.

If you have any questions, help is just a phone call away via our 800 Tech Suport Line, 1-800-785-2350, available Monday - Friday 8:00 to 5:00 MST.

IRIX version compatibility: 5.1, 5.2, 5.3, 5.x, 6.0, 6.1, 6.2, 6.x, Pre 5.x

DrawingSlate II™ and Ultra Slate Digitizers

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CalComp Input
Technologies, Inc.
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com**
http://www.calcomp.com

DrawingSlate II™ by CalComp is perfect for use with graphic arts and computer aided design applications. Three sizes are available: 6" x 9", 12" x 12" and 12" x 18". All cursors and pens are cordless. Cursor options include 4-button and 16-button patterns. Four (4) pen options are available including a "pressure pen". The pen features CalComp's Advanced Function Technology (AFT), which enables it to sense pressure, tilt, and height.

The pressure pen is popular with graphic arts applications like Adobe PhotoShop and Wavefront Advanced Paint. It allows the artist to interact intuitively with their work.

IRIX version compatibility: 5.3, 6.2

EXB-10h

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EXB-10h - A compact power tower of storage automation. The EXB-10h brings affordable, plug-and-play technology to library backup: up to 140 gigabytes of compressed data capacity and 60-megabytes-per-minute transfer rates. Reliable robotics make fast work - less than 16 seconds each - of every cartridge access. An LCD screen guides you through status, control, diagnostocs and help functions. Other features include see-through door, key-lock security, and superior hardware and software capability. Complete with EXB-8505XL tape drive, 10 EXATAPE 8mm 160mXL Data Cartridges and Data Cartridge magazine. interface: SCSI-2. Warranty: 2-year (drive), 1-year (robotics). Worldwide phone and fax support.

IRIX version compatibility: 5.x

Hardware & Peripherals

EXB-210

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EXB-210 - Collect, protect, and control up to 154 gigabytes of compressed data at an aggregate transfer rate of 120 megabytes a minute. Available with 1 or 2 EXB-8505XL half-high drives, the EXB-210 accommodates 11 EXATAPE 160mXL Dat Cartridges. Through Exabyte's rugged robotics, cartridge access time averages less than 10 seconds over the course of one-and-a-half million tape mounts. Automation expedites file backup and retrieval, virtually eliminating operator error. Other features include LCD screen with scroll-down menus and optional bar code media identification. Supports Hierarchical Storage Management, imaging and remote storage functions. Interfaces: SCSI-1 and SCSI-2. With 2-year warranty, worldwide phone and fax support.

IRIX version compatibility: 5.x

EXB-218

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EXB-218 - With throughput rated at 120 megabytes per minute, the 152-gigabyte EXB-218 brings 4mm storage automation to large PC and mid-sized UNIX networks. Available in tower or rack-mount configuration, the library combines Exabyte robotics, design and mechanisms with a Hewlett-Packard DDS-2 DAT drive. The HP C1533A features 8-gigabyte capacity and 60-megabyte-per-minute transfer rates - the fastes available. Exabyte's EXB-218 supports all advanced library functions including near-online storage, hihg-speed archiving, and HSM. Split SCSI bus for concurrent operations with multiple hosts. Bar caode reader support, LCD screen controls and key lock security. Plug-and-play installation of second drive. MTBF, drive: 200,000 hours. MCBF, robotics: > 750,000. 2-year warranty. Worldwide phone and fax support.

IRIX version compatibility: 5.x

EXB-220

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EXB-220 - With 800-gigabyte capacity and 12-megabyte-per-second transfer rate, Exabyte's new EXB-220 library delivers advanced, economical storage solutions for client-server environments with multiple application servers. The library backs up 174 gigabytes in four hours and fully supports data archiving and remote and near-online storage. Available with one or two Mammoth drives, the EXB-220 accommodates 20 EXATAPE Advanced Metal Evaporated Data Cartridges. Robotic automation assures reliability and fast data throughput as it eliminates operator error. Other features include multi-lingual scroll-down LCD screen, removable cartridge magazine, and bar code scanner. Rack mount or standalone configuration. Interface: SCSI Fast/narrow or Fast/wide. 2-year warranty, worldwide support.

IRIX version compatibility: 5.x

EXB-440 and EXB-480

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Time-tested, Field -proven: Exabyte's EXB-440 and EXB-480 tape libraries control up to 3.2 terabytes of data at aggregate transfer rates of 24 megabytes per second (86.4 gigabytes per hour). Back up 345 gigabytes in just four hours with full support for data archiving, remote and near-online storage. Standard features include Exabyte robotics, security interlock, modular design, LCD screen and bar code. EXB-440 includes two Mammoth or EXB-8505XL drives and 40 Data Cartridge capacity. Upgrades easily to EXB-480: four Mammoth or EXB-8505XL drives to 80 Data Cartridge capacity. Mammoth interface: SCSI fast/narrow, single-ended or fast-wide. EXB-8505XL interface: SCSI-2.

IRIX version compatibility: 5.x

Hardware & Peripherals

EXB-8205XL

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EXB-8205XL - Safeguard of single server netwroks, the EXB-8205XL stores 7 gigabytes of data on one EXATAPE 160mXL 8mm Data Cartridge. The drive can use industry-standard 8200 tape formats for easy data interchange and is fully compatible with all major software applications and hardware platforms. Data transfer rates of 32 megabytes per minute and field-proven integrity make this the drive of choice for cost-effective, reliable 8mm tape backup. Interface through SCSI-1 and SCSI-2. Includes EXATAPE 160mXL 8mm Data Cartridge, Owner's Manual and Software Compatibility Guide. For internal and external installations. 2-year warranty, worldwide phone and fax support.

IRIX version compatibility: 5.x

EXB-8505XL

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EXB-8505XL - Internationally acclaimed as the 8mm standard of excellence, the EXB-8505XL features 14-gigabyte capacity and transfer rates up to 60 megabytes per minute. If you demand field-proven dependability and performance for your netwotk storage and retrieval needs, depend on the versatile 5.25-inch half-high EXB-8505XL. Compatible with all major software applications and hardware platforms, the EXB-8505XL can interchange data with other 8mm drives--including full-high models. Advanced Compression Integrity Check verifies data integrity. Interface: SCSI-1 and SCSI-2. Media: EXATAPE 160mXL. For internal and external installations. Cabling, documentation and Data Cartridge supplied. 2-year warranty, worldwide phone and fax support.

IRIX version compatibility: 5.x

EXB-8700

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Compact, Complete 8mm Tape Drive System. EXB-8700 - The best backup value for NetWare, NT and Macintosh systems, the EXB-8700 system has everything you need for reliable, cost-effective 8mm storage and retrieval. Sleek, standalone drive takes just minutes to install and features 14-gigabyte capacity, 60-megabyte-per-minute data transfer rates and superb compatibility. The EXAsoft CD ROM offers your choice of outstanding backup applications: Arcada Backup Exec, Cheyenne ARCserve, Dantz Retrospect or Palindrome Backup Director. Exclusive Advisor software offers multimedia demonstrations of the EXB-8700 system at work. With cabling, documentation, 2-year warranty and worldwide support.

IRIX version compatibility: 5.x

EXB-8700LT

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High Performance, Low Price. Exabyte's affordable EXB-8700LT features levels of reliability, perfomance and compatibility previously available only to the most sophisticated computer systems. Though small in size and price, the low-profile, standalone EXB-8700LT drive accommodates 10-gigabyte capacities and transfer data at the rate of 60 megabytes per minute--all at a fraction of the cost of comparable tape storage and retrieval devices. Exabyte's EXB-8700LT is compatible with more than one million other Exabyte 8mm tape drives as well as the most popular, industry-leading software applications and operating systems. Includes media, documentation, SCSI cable, terminator and power cord. With 2-year warranty and worldwide support.

IRIX version compatibility: 5.x

Hardware & Peripherals

EXB-8900 Mammoth

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World's Fastest, Highest Capacity 8mm Drive. EXB-8900 Mammoth - With 40-gigabyte capacity and 360-megabyte-per-minute data transfer rates, Exabyte's Mammoth sets new standards for tape storage and retrieval technology. The 5.25-inch half-high Mammoth records at 21.6 gigabytes per hour and can search more than 20 gigabytes in only 72 seconds. Mammoth has 40 percent fewer parts than other 8mm drives and the highest MTBF: 200,00 hours. Unique capstanless design means gentle tape handling and reduced wear. Mammoth is fully read-compatible with all Exabyte 8mm drives. As a standalone drive or library component, Mammoth meets market demand for increased capacity, enhanced performance and hogher reliability. 2-year warranty and worldwide support.

IRIX version compatibility: 5.x

Edge Series RAID Systems

Glenn Staples
Manager Procurement
nStor Corporation
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Parity's Edge Series RAID systems offer the best proce/performance ratio in the industry. The Easy Edge models are entry-level systems. The Elegan Edge models, for amll-to-medium applications, offer hot-pluggable drive drawers, power supplies, and fans. The Executive Edge is a compact system with hot-pluggable components and an even broader array of audible and visible alarms. The Xtreme Edge models are made for data-intensive operations where high reliability is just as important as the high capacity required.

Parity Systems Inc. - The Data Management Company™ - Serving You Since 1986.

IRIX version compatibility: 5.1, 5.2, 5.3, 5.x, 6.0, 6.1, 6.2, 6.x

Freedom 6 Force Feedback Hand Controller

Jean-Marc Beaulieu
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MPB Technologies, Inc.
151 Hymus Boulevard
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514-694-8751
514-695-7492 (fax)
jmarc@hymus.mpbtech.
qc.ca
http://www.total.net/
~mpbt

Freedom 6 Force Feedback Hand Controller is a six degree of freedom hand controller, which permits an operator to ineract either with real telemanipulator or with objects in a virtual world. The operator feels forces in translation and rotation. Freedom 6 Force Feedback Hand Controller is a table top unit with a large workspace. It features high force and position resolution with a high frequency response. Freedom 3 is another version of the procduct with no force feedback on the rotation. Typical applications are computer animation, training environments, games, and teleoperation.

IRIX version compatibility: 5.3, 6.2

GHOST™ SDK

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GHOST™ (General Haptics Open Software Toolkit) is an object-oriented C++ productivity toolkit providing haptic objects and properties to software developers and researchers. GHOST™ SDK allows new and existing applications to incorporate 3D Touch with unprecedented ease.

IRIX version compatibility: 5.3, 6.2

Hardware & Peripherals

H. Co. Memory and Computer Products

Gary Richardson
Director, Marketing
H. Co. Computer Products,
Inc.
16812 Hale Avenue
Irvine, CA 92606
USA
714-833-3222
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http://www.hco.com

H. Co. Computer Products, Inc. headquarted in Irvine, California, is a privately held corporation originally established in 1987. H. Co. specializes in maufacturing memory for Workstations, Servers, Desktops, Portable Computers, Printers and Peripherals. We also carry a full line of PCMCIA products and manufacture Phoenix™ (proprietary removable laptop hard drives).

IRIX version compatibility: 5.3, 6.0, 6.1, 6.2, 6.3

Huron, CP4, MultiScape

Mike Jamieson
Sales & Mktg. Mgr.
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mike@lake.com.au
http://www.lake.com

Lake manufactures the premier 3D audio solution for visual simulation applications. Industry leading visualisation software from Division Prosolvia Clarus and Paradigm Simulation directly controls virtual sound sources in precision acoustically rendered environments running on Lake's proprietary hardware, the Huron. Multiple users in distributed virtual environments are supported with Lake's latest "MultiScape" software.

IRIX version compatibility: 6.0, 6.1, 6.2, 6.x

Immersion INTERFACE BOX™

Tim Lacey
Immersion Corporation
2158 Paragon Drive
San Jose, CA 95131
USA
408-467-1900
408-467-1901 (fax)
sales@immerse.com
http://www.immerse.com

The Immersion Interface Box™ makes the integration of FOOT-PEDALS, KNOBS, SLIDERS, BUTTONS, JOYSTICKS, and other human interface peripherals a breeze to integrate into your custom applications. The electronics module is a small box which plugs into your serial port and has sockets for connecting up to 8 interface peripherals simultaneously. The system includes the electronics module, the programmers software library (in C), and one foot-pedal. Immersion Corporation offers a wide range of additional peripherals from Pedals to Sliders. This is the fastest, cheapest, easiest way to bring simple input devices into your SGI computer.

IRIX version compatibility:

Immersion Probe ™

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http://www.immerse.com

The Immersion Probe™ is a 6 d.o.f. human interface tool which allows users to manipulate a pen-like stylus in 3D space. The system reports to stylus position and orientation through a standard serial port. The mechanical tracking system is immune to the noise, interference, and shadowing problems which plague ultrasonic and magnetic based systems. With resolution as high as 0.015" and latency as low as 1 millisecond, the Immersion PROBE is ideal for controlling virtual fly throughs, for allowing manual control in virtual medical procedures, for 3D-CAD drawing, even for controlling telerobots.

IRIX version compatibility:

Hardware & Peripherals

Impulse Engine 200

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IMPULSE ENGINE 2000 is a high performance force feedback joystick for high-perfor-mance applications. It can replicate realistic phsical sensations such as jolts, vibrations, springs, liquids, inertias, or any other programmable physical phenmena. It is ideal for flight simulaiton, vehicle simulation, video games, and virtual reality. The IMPLUSE ENGINE 2000 allows you to reach in and FEEL your simulations.

IRIX version compatibility:

Internal Disk Sleds

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LEGASYS offers a full line of INTERNAL DISK sleds for all SGI workstations and serv-ers. All the mounting hardware you need to take that spare disk drive and integrates into an internal drive is easy when dealing with LEGASYS. Simply tell us the drive type and the system it is going in and you are ready to go. LEGASYS now offers Disk Sleds for the O2, ORIGIN, 200/2000 Aand OCTANE.

If you have any questions, help is just a phone call away via our 800 Tech Support Line, 1-800-785-2350, available Monday - Friday 8:00 to 5:00 MST.

IRIX version compatibility: 5.1, 5.2, 5.3, 5.x, 6.0, 6.1, 6.2, 6.x, Pre 5.x

KIM™

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The Kittyhawk Interface to MIDI, KIM™, is a high-speed VME interface for MIDI devices. KIM features user selectable DTAC timing and is fully addressable in 16, 24 or 32 bit address spaces, in privileged or non-privileged mode. An additional 8 bit I/O ports provide connectivity to a wide variety of external devices.

KIM works with the VSI Audio Image™ family of products or as a standalone interface for general MIDI applications.

IRIX version compatibility: 5.x, Pre 5.x

LSX™ CD-ROM Libraries

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info@luminex.com
http://www.luminex.com

The LSX CD-ROM Libraries combine the advantages of CD-ROM technology and the low cost of robotics technology with Luminex's patent pending LSX SCSI Expander so that each library requires only a single SCSI ID. They are a perfect solution for networking reference materials, archives, or large databases. The Fire Series LSX CD-ROM libraries have capacities of 50, 100, 200, and 500 CD-ROMs, and are certified in virtually all net-work protocol environments with luminex's high-performance networking software.

IRIX version compatibility: 5.3, 6.1, 6.2 Certified, 6.3 Certified

Hardware & Peripherals

LSX™ SCSI Expander

Arthur Tolsma
Director, Bus. Development
Luminex Software, Inc.
6840 Indiana Avenue
Suite 130
Riverside, CA 92506
USA
909-781-4100
909-781-4105 (fax)
info@luminex.com
http://www.luminex.com

The patent-pending LSX designed and developed by luminex is a low cost 3.5" form factor peripheral which allows up to seven SCSI devices to be supported a sa single SCSI ID. The LSX cost effectively addresses the major objections of adding CD-ROM drive towers and libraries to an existing Silicon graphics server. With the LSX, up to 49 SCSI devices can be supported by a single SCSI adapter, without requiring the server to be shut down or opened.

IRIX version compatibility: 5.3, 6.1, 6.2 Certified, 6.3 Certified

Lightning Hot-Pluggable SCSI Subsystem

Glenn Staples
Manager Procurement
nStor Corporation
450 Technology Park
Lake Mary, FL 32746
USA
407-829-3520
407-829-3615 (fax)
glennstaples@nstor.com
http://www.nstor.com

In response to our end user's and OEMs' needs, Parity designed the Lightning, a multipurpose SCSI drive subsystem featuring on-line maintenance. The Lightning supports eight 3.5" disk drives in hot-pluggable drawers. Its two power supplies and two main system fans are fail-over redundant, and can be replaced without shutting off primary power. Audible and visible alarms for fan or power supply failure are standard, and the lightning can be configured as a desktop, tower, or rackmount unit.

Parity Systems Inc. - The Data Management Company™ - Serving You Since 1986.

IRIX version compatibility: 5.1, 5.2, 5.3, 5.x, 6.0, 6.1, 6.2, 6.x

MAST 9500

Maury Loomis
Marketing Director
Pacific Micro Data
Incorporated
16751 Millikan Avenue
Irvine, CA 92606
USA
714-955-9090
714-955-9490 (fax)
m_loomis@Pmicro.com
http://www.pmicro.com

The PMD MAST 9500 Universal Disk Array Subsystem product line provides the Original Equipment Manufacturer and Systems Integrator with a state-of-the-art, open architecture platform which can be customized to meet a broad range of RAID applications. Our network attached, enterprise RAID storage management technology advances the level of service and protection required within mission-critical networked environments.

IRIX version compatibility: 5.3, 6.2

MAXSTRAT Gen5 Storage Server

Ed Calkins
VP, Marketing
MAXSTRAT Corporation
801 Buckeye Court
Milpitas, CA 95035-7408
USA
408-383-1600
408-383-1616 (fax)
edc@maxstrat.com
http://www.maxstrat.com

The MAXSTRAT Gen5 Storage Server has been selected and qualified to provide HIPPI RAID storage for Silicon Graphics' high end systems, creating a high performance server solution. The MAXSTRAT Gen5, when used in conjunction with Silicon Graphics CHALLENGE, POWER CHALLENGE, ONYX, and Origin systems, will provide more performance for applications that command a high data rate and/or very rapid random access to large amounts of data. Using the XFS filesystem, sustained >data transfer rates of up to 50 MBytes/sec can be achieved. The MAXSTRAT Gen5 XLE offers full fault tolerance for mission-critical data availability and can store 800+ GBytes of data in a single cabinet that occupies less than one square meter of floor space. The MAXSTRAT Gen5 can store 30 to 60 GBytes of user data in a compact, desk-height cabinet occupying less than four square feet of floor space.

IRIX version compatibility: 5.x, 6.x

Hardware & Peripherals

MEDIA-EXATAPE

Troy Eiber
Software Product Manager
Exabyte Corporation
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Boulder, CO 80301
USA
303-417-5689
303-417-7080 (fax)
softwaredev@exabyte.com
http://www.exabyte.com

Media makes a difference. Formulated and certified specifically for data storage applications, EXATAPE optimizes drive performance, increases data integrity and reduces mechanical wear. In fact, Exabyte uses EXATAPE throughout the design, manufacture and test processes of its tape drives and libraries. Select from Data Cartridges for 8mm, 4mm DAT or minicartridge applications. A special cartridge design resists contamination. For all tape storage systems, EXATAPE's remarkably consistent quality helps maximize data capacity, boost throughout and prolong archival life. The only media recommended for use in Exabyte tape drivers and libraries, every EXATAPE carries a Lifetime warranty.

IRIX version compatibility: 5.x

Main Memory

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nStor Corporation
450 Technology Park
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407-829-3520
407-829-3615 (fax)
glennstaples@nstor.com
http://www.nstor.com

Parity Systems manufactures expansion memory for all Silicon Graphics workstations and servers. SGI had licensed Parity to produce Indigo, Challenge, Power Challenge, and Onyx memory upgrades. Each upgrade consists of a 'kit' of four SIMMs, requiring four empty SIMM slots in the target system. Any memory upgrade purchased from Parity carries a lifetime warranty, assuring you of full functionality for as long as you own it.

Parity Systems Inc. - The Data Management Company™ - Serving You Since 1986.

IRIX version compatibility: 5.1, 5.2, 5.3, 5.x, 6.0, 6.1, 6.2, 6.x

Mass Production System (MPS)

Heather Barger
Marketing Manager
Young Minds, Inc.
1910 Orange Tree Lane
Suite 300
Redlands, CA 92374
USA
909-335-1350
909-335-1350 (fax)
barger@ymi.com
http://www.ymi.com

MPS is a high volume, "lights-out" solution intended for use in the most demanding, data-and-image-intensive environments. Utilizing a robotic CD disc loading mechanism and the world's fastest CD Recorder, MPS records up to 100 unique CD-R discs (650 MB per disc) in 24 hours. With data sets smaller than 650 MBs, even higher volumes of discs can be recorded. An in-line disc printer is optional. The printer prints directly on the disc, immediately after the disc is recorded. Operation is completely automatic. Bar coded media and recorders are supported. Using bar coded media ensures that each disc can be easily identified on playback.

MakeDisc premastering software creates the disc images for the MPS system. MPS uses a "multi-threaded", parallel architecture to provide the highest level of performance possible.

IRIX version compatibility: 5.x, 6.x

Memory

Jeff Goldenbaum
Product Manager
Dataram Corporation
PO Box 7528
Princeton, NJ 08543-7528
USA
609-799-0071
609-936-1369 (fax)
JGoldenbaum@dataram.com
http://www.dataram.com

Dataram manufacturers and markts high-quality memory upgrade for SGI's Challenge, Power Indigo, IRIS Indigo, and IRIS Indy workstations. All upgrades are fully compatible with SGI systems.

IRIX version compatibility: 5.1, 5.2, 5.3, 5.x, 6.0, 6.1, 6.2, 6.3

Hardware & Peripherals

Memory (RAM)

Carlos Amezcua
Product Manager
Cal Coast Technologies
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805-986-3443
805-986-2254 (fax)
calcoast@gte.net

Cal Coast Technologies offer Memory (RAM) and Data Storage Peripherals for the entire line of SGI workstations including Challenge L/XL, ONXY, Power Challenge, Octane, O2, Challenge M, Challenge S, Indy, Indigo, Indigo 2 and more. All memory comes with a lifetime warranty.

Our Data Storage peripherals includes Disk, Tape, CD/ROM and Optical drives. Cal Coast also offers mounting brackets for most Systems that enables drive to be mounted internally.

IRIX version compatibility: 5.1, 5.2, 5.3, 5.x, 6.0, 6.1, 6.2, 6.x

Memory Upgrades

Michael Kowalski
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565 Burbank Street
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http://www.legasys.com

Maximize your systems potential by adding quality memory from LEGASYS. LEGASYS offers memory upgrades for all SGI workstations and servers. Each memory upgrade is guaranteed 100% compatible and comes standard with a lifetime warranty.

If you have any questions, help is just a phone call away via our 800 Tech Suport Line, 1-800-785-2350, available Monday - Friday 8:00 to 5:00 MST.

IRIX version compatibility: 5.1, 5.2, 5.3, 5.x, 6.0, 6.1, 6.2, 6.x, Pre 5.x

MicroScribe-3D

David Hague
Director, Sales
Immersion Corporation
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San Jose, CA 95131
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408-467-1900
408-467-1901 (fax)
david@immerse.com
http://www.immerse.com

MicroScribe-3D is a high performance 3-D digitizing system at an affordable cost. The precision mechanical arm allows animators, artists, engineers, scientisits, and designers to create realistic and accurate 3-D computer models from physical objects. Just trace over the contours of any physical object with the ergonomic stylus and you can quickly creat 3-D surface models, CAD Drawings, or animations. The mechanical arm is constructed from light weight graphite and is counter balanced to provide a comfortable and effortless digitizing process. MicroScribe-3D is the fastest way to work in 3-D. System provides accurace of 0.009" over 60" spherical workspace.

IRIX version compatibility:

NI-488M SOFTWARE FOR GPIB-SCSI-A AND CHALLENGE/POWER CHALLENGE

Jerry Rodriguez
Reg. Inside Sales Spvsr.
National Instruments
Corporation
6504 Bridge Point Parkway
Austin, TX 78730-5039
USA
512-794-0100
512-794-8411 (fax)
info@natinst.com
http://www.natinst.com/

The NI-488M SOFTWARE FOR GPIB-SCSI-A AND CHALLENGE/POWER CHALLENGE, when combined with the GPIB-SCSI-A controller from National Instrument, enables IEEE 488 (GPIB) access from the computer's SCSI port. With this software and hardware, you can control graphics peripherals or test equipment from a SGI challenge/Power Challenge/Onyx/Power Onyx.

IRIX version compatibility: 5.x, 6.x

Hardware & Peripherals

Openvault Divers for Tape Libraries

Jonathan Otis
Dir., Product Management
Advanced Digital
Information Company
10201 Willows Road
Redmond, WA 98052
USA
206-861-1495
206-881-2296 (fax)
jonathano@adic.com
http://www.adic.com/

Tape library device drivers which allow ADIC tape libraries to be used with Openvault. Libraries support 4mm, 8mm, SDX and DLT tape libraries.

IRIX version compatibility: 5.x, 6.x

PHANTOM™

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http://www.sensable.com

The PHANTOM™ Haptic Interface makes it possible for users to touch and manipulate virtual objects. It is unique in that it offers realistic 3D touch, the ability to feel the physical properties of virtual 3D objects, with much higher fidelity at a much lower cost than previous force feedback devices. Current and future applications for the PHANTOM™ include CAD/CAM, Entertainment, Animation, Medicine, and Nanomanipulation.

IRIX version compatibility: 5.3, 6.2

RAID ARRAYS

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mike@legasys.com
http://www.legasys.com

LEGASYS offers custom configured RAID Arrays from 8.4 GB's to TB's worth of storage. Utilizing industry leading controllers, LEGASYS' RAID Arrays, far exceed industry standards. Every LEGASYS RAID ARRAY is available in standard configurations each supporting RAID levels 0, 1, 0+1, 4 and 5 to maximize through put, redundancy and efficiency.

All RAID Enclosures come standard with 600 - 900 watt hot swap redundant power supplies; disk canisters with individual key locks; LED's for enclosure power, power fault and disk power. The RAID enclosure is made from 100% steel. All enclosures are manufactured in the uSA.

If you have any questions, help is just a phone call away via our 800 Tech Suport Line, 1-800-785-2350, available Monday - Friday 8:00 to 5:00 MST.

IRIX version compatibility: 5.1, 5.2, 5.3, 5.x, 6.0, 6.1, 6.2, 6.x, Pre 5.x

Hardware & Peripherals

Radar Scan Converter RSC-2000

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USA
916-983-1500
916-983-7236 (fax)
sales@folsom.com
http://www.folsom.com/

The RSC2000 Radar Scan Converter is a 6U VME Board Set which receives radar video, trigger, and azimuth signals and processes these signals to generate a high-resolution raster image. The unit has been designed to interface with virtually any radar unit and provides the highest performance of any scan converter currently on the market.

When used with third party graphics engines, the scan converter supports display resolutions up to 2560 x 2048.

The optional Video Mixer Board allows images from the scan converter to be easily mixed with graphics from any high-resolution (1280 x 1024) source. This approach minimizes integration time, presents no load to the graphics system, and provides a completely platform-independent solution. Overlay, underlay, and windowing functions are fully supported.

IRIX version compatibility: 5.x, 6.x, Pre 5.x

Scan Converter 9400JR

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The 9400JR video scan converter provides broadcast-quality video output performance from your high-resolution imaging or graphics source. Built for performance, the 9400JR is ideal for the video or imaging professional who wants the best picture possible at an affordable price. Unlike other scan converters which require user adjustments to optimize the conversion for each video source, the 9400JR automatically determines the incoming video and configures itself. Users may connect the 9400JR to any computer or imaging system and get broadcast-quality video output in NTSC or PAL, Y/C and RGB.

IRIX version compatibility: 5.x, 6.x, Pre 5.x

Scan Converter 9700XL

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This auto-sync downconverter sets a new standard for image quality. The 9700XL has the best picture quality in the industry. Designed for Professionals, the MODEL 9700XL Video Scan Converter is designed for video and image processing professionals who require the highest quality output images, high reliability, and control over all aspects of the scan conversion process. The MODEL 9700XL receives high-resolution video in RGB format from sources such as computer workstations, medical imaging equipment, or HDTV video systems.

IRIX version compatibility: 5.x, 6.x, Pre 5.x

Shark Driver

Tom Schaefer
Ntl. Account Manager
Peripheral Solutions
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Santa Cruz, CA 95060
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http://www.alldisk.com

Peripheral Solutions is a full-service company providing custom mass storage solutions for today's Silicon Graphics user and tomorrow's international standard. Our 6 disk CD-ROM offers random access to 3.2GB of data. Users can daisy chain up to 7 drives or up to 42 disks for multimedia databases. Our CD-ROM minichangers and libraries, hard drives and RAID's, 4mm, 8mm, and DLT tapr drives and libraries, and optical solutions are compatible with the entire line of Silicon graphics Workstations. Single and multiple device subsystems are available in desktop, tower, and rackmount enclosures.

IRIX version compatibility: 5.3, 6.1

Hardware & Peripherals

Storage Subsystems

Glenn Staples
Manager Procurement
nStor Corporation
450 Technology Park
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407-829-3520
407-829-3615 (fax)
glennstaples@nstor.com
http://www.nstor.com

Parity Systems designed the PS5900 Tower for maximum flexibility in SCSI subsystem configuration for end users or OEMs. The Tower accepts from one to six SCSI buses, and holds up to twelve sliding drawers. Each drawer accommodates one full-height or two half-height devices, a power supply, a fan, and external SCSI ID switches. The 29"H x 22"W x 22"D Tower cabinet has easy-access side and rear panels, and comes complete with a locking, transparent front door, castors, and levelers.

Parity Systems Inc. - The Data Management Company™ - Serving You Since 1986.

IRIX version compatibility: 5.1, 5.2, 5.3, 5.x, 6.0, 6.1, 6.2, 6.x

SystemConsoleSwitch

Doug Adams
Marketing Director
Lightwave
Communications, Inc.
261 Pepe's Farm Road
Milford, CT 06460
USA
203-878-9838
203-874-0157 (fax)
doug@lightwavecom.com
**http://www.lightwavecom.
com/**

SystemConsoleSwitch - Central management for your data center and up to 120 console ports from a single text (RS-232) terminal. SystemConsoleSwitch is an intelligent switch that includes a continuous audit trail for each port, telling you why your devices crashed, helping to reduce your system downtime. Access your home or off-site with Remote Access via modem or on-site either directly or through tel-net.

IRIX version compatibility:

TIME DRIVER™ Ultra-Accelerator

Robert Hemsky
President
Atlightspeed
1825 B North Third Street
Jacksonville Beach, FL
32250
USA
904-246-4184
904-246-4883 (fax)
75122.
1262@COMPUSERVE.
COM

The ATLIGHTSPEED™ TIME DRIVER™ board is an ultra-acceleration plug-in board for the Indigo2™ and Indigo2 IMPACT™ series of workstations. ATLIGHTSPEED Ultra-Acceleration combines the speed of hardware with the open flexibility and versatility of software. Its reprogrammable hardware can be reconfigured "on-the-fly" to deliver super-computer speed to the desktop. And, through its ever-growing library of software algo-rithms, ATLIGHTSPEED continues to offer ultra-fast image processing with increased functionality.

The ATLIGHTSPEED board is seamlessly integrated into Avid's Media Illusion™ graph-ics and effects software for film and video. Media Illusion image processes like keying, compositing, color correction and image transforms are accelerated with extraordinary speed. ATLIGHTSPEED installs into any Indigo2 or Indigo2 IMPACT with one open GIO-64 slot and shares a logical GIO-64 slot with the IMPACT video card.

IRIX version compatibility: 5.3, 6.2

Hardware & Peripherals

TSC/STX TSC/SMX

Bud Binck
Marketing Manager
Tri-Plex Systems
Corporation
9790-A Patuxent Woods
Drive
Columbia, MD 21046
USA
410-290-7711
410-290-7715 (fax)
budb@triplex.com
http://www.triplex.com

TRI-PLEX offers the highest performing tape storage systems available today. For example, with sustained transfer rates up to 32Mbytes per second, our STX3000 recording system delivers ten to sixty times the performance of industry-standard tape drives. This substantial speed advantage offers the kind of productivity that can help you make the most of your SGI investment. TRI-PLEX offers other SGI-compatible equipment in addition to the systems described above. Our SMX product inputs up to 12 channels of high-speed serial data over SCSI-2 to either an SGI or a storage device. In addition, we have two I/O Controller (IOC) data acquisition boards: The TRI-PLEX IOC/SGI/SIO inputs serial data; our IOC/SGI/PIO inputs parallel data. Both IOCs run at rates up to 25 Mbytes per second. New IOCs that will run at even higher speeds are now in development.

IRIX version compatibility: 5.3, 6.1

Tape Drives

Michael Kowalski
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LEGASYS Tape Drives range from 2GB to 70 GB of uncompressed, stand-alone capacity (for more capacity see DLT LIBRARIES). These drives are 100% compatible with ALL SGI workstations and servers. LEGASYS offers 4mm, 8mm, and DLT Internal and external configurations are available and, as always, all external enclosures are custom colored to match the color of the workstation.

If you have any questions, help is just a phone call away via our 800 Tech Suport Line, 1-800-785-2350, available Monday - Friday 8:00 to 5:00 MST.

IRIX version compatibility: 5.1, 5.2, 5.3, 5.x, 6.0, 6.1, 6.2, 6.x, Pre 5.x

U2 light Video Interface for O2

Harald Naether
President
DVC Digitalvideo
Computing GmbH
Seestrasse 7
Herrsching
BY, D 82211
Germany
49 8152 93010
49 8152 91331 (fax)
info@digitalvideo.de
http://www.germany.eu.
net/shop/digitalvideo

U2light new low price, high quality D1 Video interface for SGI O2 and OCTANE personal video board.

U2light obtains D1, i.e. serial, digital Video I/O in 10-bit Broadcast quality and an additional GPI Trigger input and output. The small compact U2 light Box plugs directly into the O2 camera connector and gets its power from the O2.

U2light Box is maintained by the SGI Media Tools like VideoPanel, MediaRecorder,MediaPlayer. DVS offers an optional control software and a RS.422 adapter to support VTR control.

With U2light DVC completes their U2-series and enables with U2 Key and Ucom the perfect solution for the SGI workstations.

IRIX version compatibility: 6.x

Ultimatte Spark

Sales Department
Ultimatte Corporation
20554 Plummer Street
Chatsworth, CA 91311
USA
818-993-8007
818-993-3762 (fax)
sales@ultimatte.com
http://www.ultimatte.com

Ultimatte Spark is the premiere blue screen or green screen compositing system used for film, video, and photographic processing. Grainkiller is designed to filter film grain from the backing areas of the foreground image. Grainkiller is also effective at reducing visual noise introduced by video cameras and phot scanners.

IRIX version compatibility:

Hardware & Peripherals

Valut C for Challenge/ONYX

Rick Pickett
President
LegaSys International
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Broomfield, CO 80020
USA
303-469-6114
303-469-4699 (fax)
inquire@legasys.com
http://www.legasys.com

Add up to 140 GB of Fast Wide Differential Disk Storage to the Challenge/Onyx. Available in either a Rack Mount or Attractive Desk Side Tower configuration, the Vault C has four Fast Wide Differential SCSI Buses for maximum data rates. Stripped together, the four Fast Wide Differential SCSI buses yield sustained data transfer rates of 48 MB/Second. The Vault C is a great addition in Real Time Video Applications, and other applications demanding very high sustained data transfer rates. The Vault C yeilds up to 33 minutes of sustained video throughput.

IRIX version compatibility: 5.1, 5.2, 5.3, 5.x, 6.0, 6.1, 6.2, 6.x, Pre 5.x

Vault-CS for Challenge S

Rick Pickett
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Broomfield, CO 80020
USA
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303-469-4699 (fax)
inquire@legasys.com
http://www.legasys.com

Zero Footprint Add-On Storage Subsystem for the Challenge S. Provides the ability to add a CD-ROM, 4mm DAT drive, and up to six Fast Wide Differential Disk Drives. The Vault-CS has two wide SCSI buses and one Single Ended SCSI Bus, housed in an attractive Challenge S-colored desktop enclosure that sits underneath the Challenge S, thus taking up no desktop space.

IRIX version compatibility: 5.1, 5.2, 5.3, 5.x, 6.0, 6.1, 6.2, 6.x, Pre 5.x

Vault-S for Indy

Rick Pickett
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303-469-6114
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http://www.legasys.com

Zero Footprint Add-On Storage Subsystem for the Indy workstation. Provides the ability to add a CD-ROM drive, 4mm DAT drive, and up to 3 additional disk drives, all in an attractive Indy-colored enclosure that sits underneath the Indy, and thus takes up no desktop space.

IRIX version compatibility: 5.1, 5.2, 5.3, 5.x, 6.0, 6.1, 6.2, 6.x, Pre 5.x

Video Format Converter (Stroke to Raster)

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916-983-1500
916-983-7236 (fax)
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http://www.folsom.com/

The Video Format Converter (VFC) is a general-purpose stroke-to-raster converter which converts video in X,Y,Z (stroke) format to 525-line (RS-170) raster video in real time.

Features:

- General-purpose stroke-to raster conversion
- Output is compatible with standard monitors and recorders
- Specifically designed for F/A-18 multi-function cockpit displays
- Fully independent input and output frame rates.

IRIX version compatibility: 5.x, 6.x, Pre 5.x

Hardware & Peripherals

Video Windowing System 9600 VIP

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http://www.folsom.com/

Simultaneous Monitoring of Multiple Displays

The Model 9600 VIP was designed for applications that require the simultaneous monitoring of multiple video displays on one high-resolution computer monitor. The system accepts NTSC or PAL composite, or Y/C (S-video) signals from up to four cameras, recorders, or other compatible video sources. Alternate input video sources are supported via optional input circuit modules.

Independently Size and Position the Windows

Each window consists of a real-time image which can be independently sized and positioned by the user.

Stand-Alone Box or 6U VME Board Set

The Model 9600 VIP can be supplied as a stand-alone box for desktop or rack-mount applications, or as a 6U VME-compatible board set. The unit is controlled over an RS-232 port or via the front panel.

IRIX version compatibility: 5.x, 6.x, Pre 5.x

Video/Keyboard Switcher, Servers: Indi5000

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Marketing Director
Lightwave
Communications, Inc.
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Milford, CT 06460
USA
203-878-9838
203-874-0157 (fax)
doug@lightwavecom.com
**http://www.lightwavecom.
com/**

Video/Keyboard Switch; Indi 5000: Control up to 25 SGI workstations from 1 keyboard/monitor/mouse. The Indi5000 is an active, microprocessor controlled switching device which allows a single keyboard, monitor, and mouse to be switched among 5 different Indigos ™. Indi5000's can be daisy-chained to access up to 25 servers from 1 monitor and keyboard. A Remote Control Unit allows control from a user locatin outside the computer installation.

IRIX version compatibility:

VideoConvert S

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President
DVC Digitalvideo
Computing GmbH
Seestrasse 7
Herrsching
BY, D 82211
Germany
49 8152 93010
49 8152 91331 (fax)
info@digitalvideo.de
**http://www.germany.eu.
net/shop/digitalvideo**

VideoConvert S with VideoConvertS ,DVC offers affordable braodcast quality A/D and D/A converters. VideoConvert provides analog composite and componente inputs and outputs for the SGI Digital Video I/O boards as OCTANE Digital Video or Indigo Digital Video. VideoConvertS includes digital CCIR 601 filters for highest video signal quality.

IRIX version compatibility: 6.x

Hardware & Peripherals

VisionMaker PS

Geoff Foulds
Vice President, Sales
Input Technologies, Inc.
33 Davies Avenue
Toronto, ON M4M 2A9
Canada
416-778-9200
416-778-1342 (fax)
gfoulds@interlog.com

Input Technologies Inc. develops and manufacturers visualization devices--i.e. combining direct pen input to images on large format, high resolution displays-- for markets including the computer aided industrial design (CAID), feature film animation and special effects and CAD. Products include the VisionMaker PS, CAID and animation backgrounds.

IRIX version compatibility: 5.3, 6.2

WILD-ONE™

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WILD-ONE™ is a Reconfigurable Computing Engine, with 2 Xilinx™ 4000/EX/XL Series Field Programmable Gate Arrays (FPGAs) for Processing Elements. WILD-ONE™ is a half-sized PCI board, which acts as an attatched processor to the host, including SGI Origin 200. Processing intensive algorithms (such as digital signal processing and image processing) can be implemented on the FPGAs with a dramatic increase in computational speed.

IRIX version compatibility: 6.2, 6.3

WILDCHILD™

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WILDCHILD™ is a Reconfigurable Computing Engine, with 9 Xilinx™ 4000/EX/XL Series Field Programmable Gate Arrays (FPGAs) for Processing Elements. WILD-CHILD™ is a 6U sized VME based board. It works as an attached processor to the host, including SGI Power Challenge and Challenge XL. Processing intensive algorithms (such as digital signal processing and image processing) can be implemented on the FPGAs, with dramatic increase in computational speed.

IRIX version compatibility: 6.2, 6.3

Hardware & Peripherals

WILDFIRE™

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WILDFIRE™ is a Reconfiguarble Computing Engine, with 17 Xilinx™ 4000/EX/XL Series Field Programmable Gate Arrays (FPGAs) for Processing Elements. WILDFIRE™ is a VME based board, 6U high and 400mm deep. It works as an attached processor to the host, including SGI Power Challenge and Challenge XL. Processing intensive algorithms can be implemented on the FPGAs, with a dramatic increase in computational speed.

IRIX version compatibility: 6.2, 6.3

WILDFORCE™

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WILDFORCE™ is a Reconfigurable Computing Engine, with 5 Xilinx™ 4000/EX/LX Series Field programmable Gate Arrays (FPGAs) for Processing Elements. WILD-FORCE™ ia full-sized PCI board, which acts as an attatched processor to the host, including SGI Origin 200. Processing intensive algorithms (such as digital signal processing and image processing) can be implemented on the FPGAs, with dramatic increase in computational speed.

IRIX version compatibility: 6.2, 6.3

XgPlot™

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XgPlot™ is an X-Windows/Motif library of X-Y plotting, surface relief plotting and image "movie-loop" display functions. The functions are designed to be callable from user programs and are also available as command line functions. With the XgPLot package, inclusion of sophisticated plotting or image display and analysis capability is a matter of a few simple function calls. The X-Y plotter can plot up to 20 data sets simultaneously, has independent left and right y-axis scaling, and can function in a "strip-chart" display mode for analysis of real-time signals. The image dispaly function includes various scaling functions and zoom capability, cursor position and pixel valve readout, column and row profiles, and statistical analysis of regions.

IRIX version compatibility:

Hardware & Peripherals

Z-9100

Wayne Close
Digi-Data Corporation
8580 Dorsey Run Road
Jessup, MD 20794
USA
301-498-0200
301-498-0771 (fax)
wac@digidata.com
http://www.digidata.com

Digi-Data Corporation is a computer peripheral manufacturer presently marketing disk array controllers. This has been the product line since 1992. The Model Z-9100 is an Ultra-SCSI RAID 3 Controller. Available in a 5 1/4 full high enclosure or as a board level product. The Z-9100 is based on the Intel i960-RP, supports up to 75 drives, handles up to 128Mbytes of cache memory and is available with global spare support. The unit is easily configurable from the front panel.

IRIX version compatibility: 5.x, 6.x, Pre 5.x

Z/VideoWare

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Z Microsystems specializes in the development, integration, manufacturing and support of removable storage systems, 19-inch rack mount solutions and video software. Products include: TRANZpak and SMARTpak high-performance, high-capacity SCSI removable storage systems, 19-inch rack mounts for workstations, keyboards, and flat panel displays; and Z/VideoWare, a software toolkit designed to capture,a nalyze, organize, edit and output video data. Features include Java based, client/server architecture, closed caption scanning and recapturing of braodcast video. Headquartered in SAn Diego, California, with offices in Maryland and Nevada, Z Micro has operated as a corporation since 1987 and is privately held.

IRIX version compatibility: 6.3

ZON™

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The ZON™ game controller replaces conventional video game controllers by using revolutionary machine vision technology instead of pushbutton control. By perceiving and evaluating the users motions in space, decoding these into game control commands, the ZON™ requires no wires or any attachements to the user.

ZON™ can be placed on or near the television, and is pointed at the approximately location the user wishes to play the game. The user has options of standing or sitting while playing the game. The user is guided to the correct location of play by the very shape and texture of the unit using distortive perspective illusion. Additionally, LED's are also during the play as feedback and guidance. Lighting and scenery changes in the room are constantly being compensated for, as are variances in the user's motions.

IRIX version compatibility: 5.3