Professional Messaging Performance Made Affordable
The server company that powers many of the world’s most demanding Web sites now offers a powerful, thin serving solution complete with commercial messaging software. SGI Internet Server for messaging combines the convenience of an appliance with the flexibility, features, and full support of a commercial-grade messaging system.

Designed for ISPs, ASPs, and colocation facilities, the messaging version of SGI Internet Server is a Linux® OS-based solution that provides a completely integrated, full-featured messaging server in one affordable and easy-to-deploy unit.

A Solution That Delivers
Service providers face a number of challenges in meeting their messaging requirements. Solutions must be integrated into existing infrastructures and deployed quickly, with the ability to scale to meet the needs of the company and its customer base as they expand. As clients demand more sophisticated messaging capability, the need for maximum performance at a minimum price is crucial. Key considerations such as reliability, cost, support, and service programs are all extremely important in making equipment and solutions choices.

SGI is a proven leader in professional carrier-grade messaging solutions for service providers. With the introduction of SGI Internet Server for messaging, small to medium-size service providers can now deploy robust messaging serving solutions quickly—at an attractive price point.

Security and Growth with MessagingDirect Application
To deliver a comprehensive messaging solution, the messaging version of SGI Internet Server is complemented by MessagingDirect M-Store mail hosting software. MessagingDirect is the world’s leading developer of standards-based electronic messaging and directory software for e-business. Its applications are based on a secure, embedded messaging foundation and have been optimized for SGI Internet Server. The combined solution offers superior management tools as well as a robust and highly secure messaging solution that can be easily integrated into a larger commercial environment.

Designed for Your Bottom Line
SGI Internet Server is designed to provide rack-and-stack scalability, letting service providers expand their messaging offerings with ease and at minimal expense. SGI Internet Server for messaging makes it easy to deploy additional systems as needs change. With integrated support for up to 15,000 mailboxes, SGI Internet Server provides exceptional price and performance within a small 2U footprint that takes up minimal rack space. Equally important are the system administration and maintenance cost reductions inherent in a streamlined, easy-to-manage commercial messaging solution.
SGI Internet Server includes integrated administration tools for lights-out management, system monitoring, security, troubleshooting, and networking.

SGI reduces support costs by offering complete single-point-of-call support for hardware and software, with a timely response from the world-class SGI global support and services organization. Customers are able to tier their support levels, with annual contracts and per-incident support products available for both the application software and the operating system.

Rely on SGI for Affordable Internet Server Solutions

SGI Internet Server for messaging is the most viable messaging solution for service providers interested in taking advantage of the reliability of the Linux operating system. Coupled with robust MessagingDirect software, SGI Internet Server offers powerful performance at an affordable price.

SGI Internet Server is part of the SGI Media Commerce™ solutions suite of products that enable customers to transact content over a vast range of network infrastructures.

SGI Internet Server
Messaging
Features and Specifications

Manageability
- Partitioning and delegated administration to create multiple virtual messaging servers in a hosting environment with multdomain administration capabilities
- Intuitive commercial GUI provides ease of setup, management, and administration of messaging and hosting environment and allows access to activity and error logs and end-user quota information

Performance
- Embedded database and external caching minimize latency of data delivery via cache/indexing, freeing up I/O and the database for other functions
- Internet Standards Authentication Schemes enable a mail server with enhanced compatibility and unprecedented server control
- Advanced transfer 256KB unified, nonblocking, full-speed, on-die cache

Security
- Internet Standards Authentication Schemes enable a mail server with Kerberos V4, and DIGEST-MD5
- Secure remote access capabilities (SASL support for CRAM-MD5, GSS-API)
- Embedded database and external caching minimize latency of data delivery via cache/indexing, freeing up I/O and the database for other functions
- Electromagnetic compatibility (EMC)

Scalability
- Symmetric multiprocessing for multiple CPUs distributes load across multiple processors without noticeable performance degradation
- Real-time, software-based load balancing
- Advanced transfer 256KB unified, nonblocking, full-speed, on-die cache

Reliability
- Fault tolerance: Mylex RAID spreads data across four disks, making the solution highly reliable
- RAS features Lights-out management port
- One fan for the power supply
- Two fans for hard drive bay

Easy Deployment
- The turnkey solution includes all the necessary setup scripts to minimize install time
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Application
- MessagingDirect M-Store is a commerce-class messaging solution that supports and satisfies the most stringent e-commerce requirements for reliability and backup, links key Internet mail protocols, and offers enhanced compatibility and unprecedented server control

Minimum Configuration
- 2 550 MHz CPUs
- 1 I/O system drive
- 1 8GB option drives
- 512MB RAM
- 1 PCI Acceleraid Mylex 250 card
- Includes support for up to 15K mailboxes (3MB size)

Dimensions and Weights
- Rack-mount: 3.5’ (1U) x 19” x 25.25”
- Weight: 50 lb minimum configuration (22.68 kg)
- Shipping weight: 75 lb [34.01 kg] maximum, including packaging and documentation

Operating System Support
Red Hat® Linux 6.1
For most current list, see www.sgi.com/software/linux/tech_info.html

Processor Support
- Microprocessor: Intel® Pentium® III CPU
- CPU capacity: 2 CPUs
- Clock speed: 550 MHz, 700 MHz
- Primary caches: 32KB [64KB data/64KB instruction] nonblocking
- Advanced transfer: 256KB unified, nonblocking, full-speed, on-die cache

System Memory
- Memory capacity: Up to 2GB SDRAM, ECC protected
- Memory bandwidth: 800MB/sec

System Features
- System bus speed: 100 MHz
- I/O bandwidth: 133MB/sec [1064MB/sec] peak
- RAS features: Lights-out management port
- Hot pluggable internal drives
- Cooling: Two fans for hard drive bay
- One fan for the power supply
- Keyboard/mouse port: 2 PS/2, 8240A compatible
- Parallel port: 2 serial ports
- Serial ports: 2 asynchronous, RS-232C, 9-pin
- Parallel port: 1 IEEE 1284, 25-pin bidirectional

Networking and Storage
- CD-ROM drive: 32X max speed ATAPI CD-ROM drive preinstalled
- Floppy drive: 3.5” 1.44MB floppy disk drive preinstalled
- I/O channels: One 32-bit Peer PCI channel running at 33 MHz
- I/O slots: 2 PCI slots
- Internal storage: 1 LVDs SCSI channel
- Ethernet port: 4 Ultra2 SCSI hot swap drive bays capacity 110/1000Mbit/sec auto-sensing Ethernet port
- External SCSI: Single-ended Ultra SCSI, 68-pin

Support and Warranty
- Warranty: Three-year hardware warranty, year one with next-business-day response, years two and three parts-only
- Software support: 90 days advisory support (business hours)

- Software support upgrades available for same day or 7x24 upgrades on-site response
- Software support annual contracts available

Environmental and Regulatory
- Environmental (nonoperating)
  - Operating: -40°C to +70°C
  - Nonoperating: +10°C to +35°C
- Electrical and 115 V/60 Hz; 230 V/50 Hz
- Regulatory: Meets or exceeds following requirements:
  - U.S./Canada: UL 1950, 3rd Edition (UL and cUL)
  - Europe/CE Mark: EN 60 950, German GS Mark to EN 60 950
  - International: Certified by NEMKO to meet requirements of EN 60 950 with amendments and Nordic deviations and IEC 950 with amendments

Electromagnetic compatibility (EMC)
- U.S.: FCC CFR Part 15 Class A
- Canada: Complies with limits for radio noise emissions of Class A digital apparatus as required by Industry Canada (IC)
- Europe/CE Mark: EN55022 and EN50082-2 (CE Mark complies with EU EMC Directive 89/336/EEC)
- International: CISPR 22:Class A
- Japan: VODI, Class 2 (based on CISPR 22 requirements)

SGI Internet Server
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  - Europe/CE Mark: EN 60 950, German GS Mark to EN 60 950
  - International: Certified by NEMKO to meet requirements of EN 60 950 with amendments and Nordic deviations and IEC 950 with amendments

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