

SENTRION MP™

High-Performance Message Processor

OVERVIEW

Email has become the primary media to drive core business communications both internally and externally. As a result, the requirements for email infrastructure, content protection, security, and network performance have dramatically changed. In addition to traditional inbound spam, virus and malware protection, outbound risks associated with compliance regulations and confidential information leaks have become extremely critical issues for organizations.

Administrators are looking for an easy-to-manage and consolidated end-to-end solution that provides scalable and reliable email delivery, virus and spam protection, advanced content filtering and fully integrated encryption.

SENTRION MP

Sentrion MP is the first high-performance appliance that offers all-in-one protection for both inbound and outbound messages – obsolescing single-purpose Messaging Gateways that only protect companies from inbound threats, or only manage company policies related to outbound messaging. With Sentrion MP, organizations can dramatically reduce the cost and complexity of securing and managing corporate email by enabling both inbound and outbound message protection in a single appliance – without degrading message processing performance.



Sentrion MP

- Gateway Management
- Email Authentication
- Inbound Message Processing
- Outbound Data Leak Prevention
- Intra-company Message Management

Sentrion MP is a Purpose-built, High-Performance Message Processing Appliance for:

- **Gateway Management:** Bi-directional message encryption and sophisticated connection controls prior to inbound processing
- **Email Authentication:** Authenticates all incoming and digitally signs all outgoing messages with DomainKeys Identified Mail (DKIM), and other authentication mechanisms to certify email senders
- **Inbound Message Processing:** Spam, virus and malware protection after Gateway processing
- **Outbound Data Leak Prevention:** Highly accurate, in-line content monitoring and enforcement to prevent data loss and compliance breaches
- **Intra-company Message Management:** Enforces acceptable use policies. Front-ends and protects Microsoft Exchange environments

Policy applications can be added to Sentrion MP to monitor and enforce outbound messages for:

- Corporate governance
- Regulatory compliance
- Privacy violations
- Data leak prevention

FEATURES AND FUNCTIONALITY

The All-in-One Sentrion MP Appliance Key Functions Include:

Enterprise-class high-performance architecture

- 64-bit hardware and operating system
- Available as virtual appliance (Sentrion MPV)
- 8/16GB Memory
- RAID Storage
- Enterprise clustering and scalability
- LDAP directory services and integration

High-performance industry-standard send-mail Mail Transfer Agent (MTA) and intelligent Gateway Connection Controls

- High throughput, intelligent message routing
- Sophisticated gateway message controls to secure, monitor and regulate message traffic and block unwanted messages
- Fully integrated email authentication including the only IETF approved standard – Domain Keys Identified Email

Centralized policy management with highly accurate and intelligent policy engine

- Flexible clustering support for global enterprise, corporate and departmental policy management and enforcement
- In-line, deep content inspection
- Extract and analyze 300+ file types including Microsoft Office 2007 files
- Intelligent rules policy engine to fulfill virtually any business policy requirement
- Policy versioning and change control for easy roll-back

Role-based Access Control and User Interface

- Gives individual business stakeholders custom reporting views
- Provides collaboration workflow between functional groups

Integrated End-User Spam Quarantine

- Integrated Spam Quarantine for end-user disposition of spam as well as other suspect email

Multi-Protocol Support

- Monitor and report on multiple protocols and applications such as HTTP, FTP, HTTP Webmail, and more. Supports a standard interface for integration with most proxies over ICAP to provide real-time feedback

Sentrion provides highly accurate inspection and protection where the majority of data loss, compliance violations and threats occur – within corporate email communications.



Document Fingerprinting

- Register sensitive files to Sentrion MP for whole/partial match scanning of all messages leaving the network. Enables detection and protection of confidential data such as legal disclosures, financial data, strategic planning, or any other sensitive information

SAN Support

- External storage integration to increase the overall capacity and retention for data stored within the system. This applies both to logs, and data as well as quarantined messages for administrators and end-users

OPTIONAL APPLICATIONS

Fully integrated functional applications can be added to Sentrion's core system to provide additional gateway protection and organization specific messaging requirements.

Regulatory Compliance Policies

- Highly accurate out-of-the-box policies for compliance, acceptable use and confidential information protection
- Bundled policies include:
 - o Sarbanes-Oxley, Gramm-Leach-Bliley, CA SB1386, HIPAA, ITAR, Explicit Language, PCI, and more

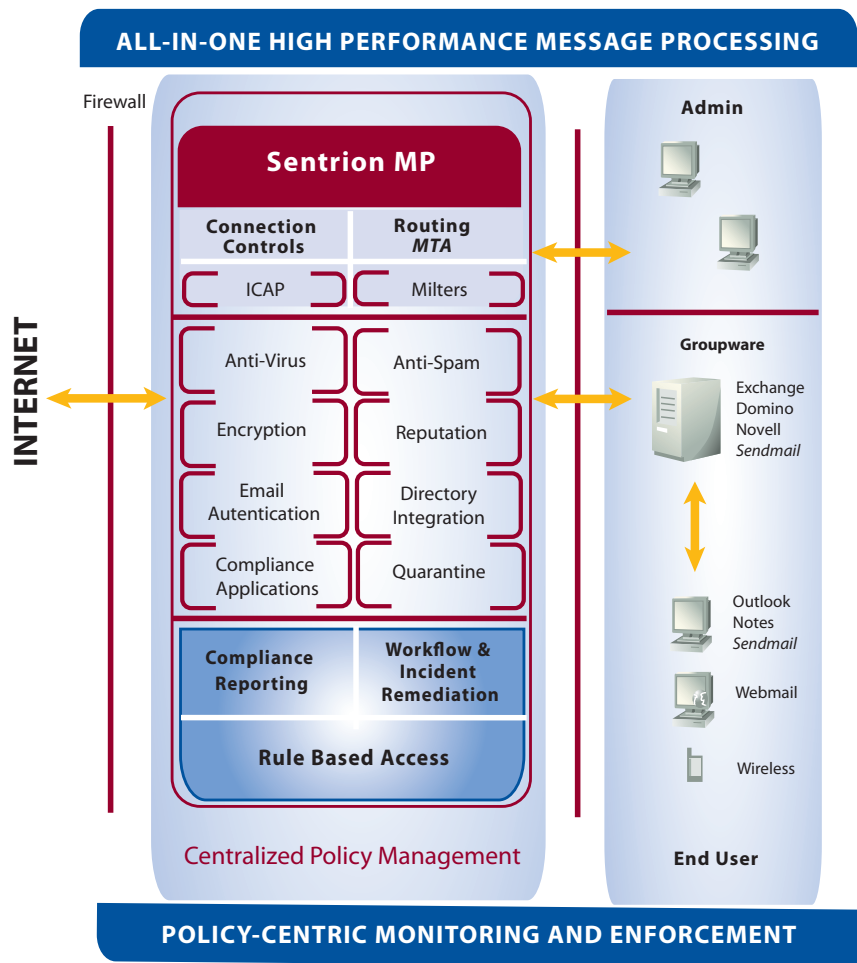


FIGURE 1. Sentrion MP provides all-in-one high-performance Message Processing with 360 degree protection for clean, secure, compliant and authenticated messaging.

Incidence Remediation and Reporting

- Enables both technical and business-level views into policy-based events for both reporting and remediation
- Enterprise clustering support provides integrated and centralized reporting for incident trends and compliance
- Detailed drill-down reports for greater incident and attack analysis
- Remediation workflow for incident response best practices
- Quarantine provides a unified view for both administrators and end-users to inspect and remediate spam and other message deemed to be held for user analysis

Policy-driven Message Encryption

- Enables administrators to provide secure messaging of confidential or otherwise critical information to satisfy business and compliance requirements without affecting user behavior – using TLS, S/MIME and embedded Voltage IBE technology for multiple encryption options
- In-line, single appliance message encryption with no client software
- Reduces overall administration, infrastructure and integration requirements by consolidating all encryption functions into a single appliance
- Minimizes end-user dependency by enforcing enterprise encryption policy at the gateway through Sentrion's intelligent policy engine

Multiple best-of-breed Anti-spam Applications

- Provides several best-of-breed anti-spam technologies to be used in conjunction for superior accuracy and protection
- Network-based and Signature-based filtering
- Sendmail Enterprise anti-spam for greater than 99.5% effectiveness – combines multiple spam technologies

Multiple best-of-breed Anti-virus Applications

- Anti-virus protection
- Zero-hour virus detection

Reputation Services

- IP and Domain-based reputation services
- Provides additional intelligence for spam detection by leveraging metrics on the sender domain's email behavior, collected from several sources
- Integrated domain-based reputation intelligence from Habeas to identify sender domains as trusted, legal entities with Domain Keys Identified Mail (DKIM) signatures
- Increases security by filtering the majority of email-borne viruses, worms and trojans at the Gateway before entering the network
- Saves bandwidth and enhances performance and guarantees better Quality of Service for the remaining traffic

BENEFITS

- Purpose-built, high-performance and all-in-one architecture gives proven high ROI
- Provides accuracy and protection where 80% of security and compliance violations occur – in inbound and outbound email communications
- No need to purchase separate, costly, and specialized single-purpose messaging appliances
- Compliance policies enable immediate policy enforcement based on industry best practices
- Centralized policy management for global enterprise policy enforcement and incident remediation without interrupting business process workflow
- Platform for future growth and easy integration with existing messaging infrastructure
- Optional add-on applications provide flexibility for changing requirements
- Enterprise-scale with proven performance and reliability
- Easy-to-manage unified architecture for centralized management
- Advanced policy management to map any compliance or enterprise security policy

FIGURE 2. Specifications

Component	Sentriion MP 301	Sentriion MP 302
Height	1U	2U
Hardware Architecture	32/64 bit	32/64 bit
Software Architecture	64 bit	64 bit
CPU	1	2
	Dual Core Intel® Xeon® 5150, 4MB Cache, 2.66 GHz, 1333MHz FSB	Dual Core Intel® Xeon® 5150, 4MB Cache, 2.66 GHz, 1333MHz FSB
DVD Drive	Yes	Yes
RAM	8GB 667MHz (2X4GB), Dual Ranked DIMMs	16GB 667MHz (8x2GB), Dual Ranked DIMMs
Operating System Disks	2 x 146 GB @ 15K rpm SAS - 3.5" RAID-1	2 x 146 GB @ 15K rpm SAS - 3.5" RAID-1
Data Disks	Share with Operating System	4 x 146 GB @ 15K rpm SAS - 3.5" RAID-5
RAID	RAID 1	RAID 1 and 5
NIC	IntelPro 1000PT 2-Port	IntelPro 1000PT 2-Port
Remote Management	DRAC5	DRAC5
Power Supply	Redundant Power Supply with Y-Cord	Redundant Power Supply with Y-Cord
Fiber Channel HBA	n/a	Qlogic 2462



Also available as a virtual appliance with Sentriion MPV and a blade server with Sentriion MPQ

SUMMARY

Sentrion's high-performance in-line Message Processor delivers enhanced messaging security without impacting network performance. It provides large enterprises with protection from inbound threats at the messaging gateway, while monitoring and enforcing outbound messages for corporate governance, regulatory compliance, privacy violations, and data leak prevention. Sentrion MP provides bi-directional message inspection and protection where over 80% of data loss, compliance violations, and threats occur – within corporate email messaging environments.

About Sendmail

Sendmail is the leading global provider of trusted messaging. With 25 years of leadership delivering innovative messaging technology, Sendmail ensures the protection and trust of employee and customer communications. Sendmail technology, driven by the industry's most powerful and flexible policy engine, provides protection where 80% of security and compliance violations occur - within inbound and outbound messaging. Large enterprises in 33 countries, and the majority of the Fortune 1000 trust Sendmail to shield users from unwanted messages, defend the messaging infrastructure, stop data and privacy leaks and effectively manage messaging to maintain brand and shareholder value and support regulatory compliance. Sendmail is headquartered in Emeryville, CA with offices and distributors in Europe, Asia and North America.

CONTACT US

For more information or to setup a demonstration, contact us at sales@sendmail.com, or phone 877-363-6245. Also ask us about our Risk Assessment Program.

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