

Sentrion MPV™

High-Performance Virtual Message Processor



Sentrion MPV is VMware certified

Virtual Appliance Benefits

- Complete Sentrion Message Processing Engine in a "Virtual Machine"
- Ideal for "green data centers"
- Reduces power consumption
- Provides higher utilization rate per/server
- Increases operational efficiency
- Lowers total cost of ownership of servers
- Runs on existing X86 hardware
- Managing hybrid architectures: Fabric for intelligent cloud/on-premises message processing

Overview

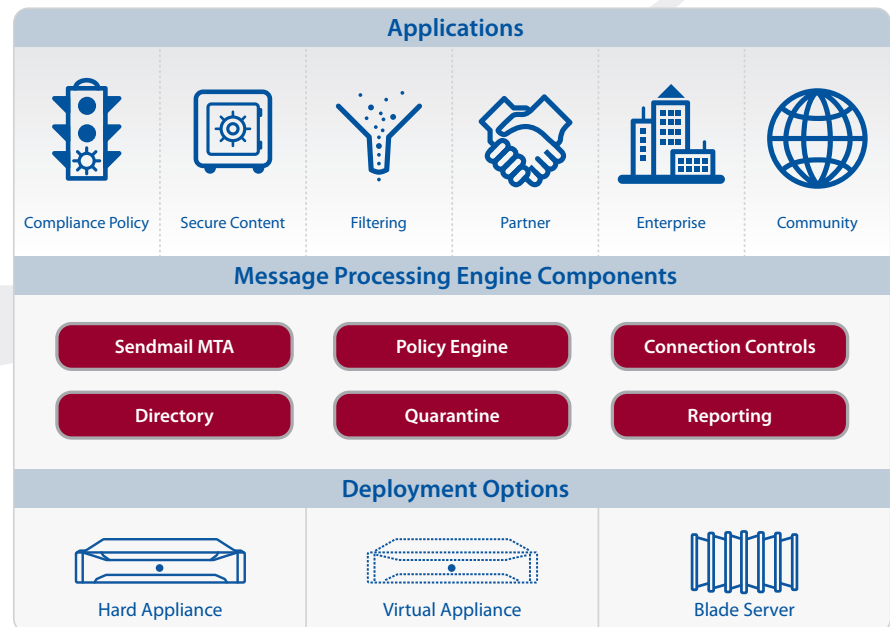


The Sentrion Virtual Message Processor (MPV) is a VMware-based version of the Sendmail high-performance Sentrion MP messaging security appliance. With Sentrion MPV, organizations get all of the benefits of Sentrion MP secure messaging capabilities plus the additional benefits of a virtual appliance. Sentrion appliances provide:

- **Gateway Management:** Bi-directional message encryption and sophisticated connection controls prior to inbound processing
- **Email Authentication:** Authenticates all incoming messages and digitally signs all outgoing messages with DomainKeys Identified Mail (DKIM) and other authentication mechanisms that authenticate 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
- **Email Backbone Infrastructure:** Enables efficient cloud/on-premises hybrid architectures

See the Sentrion MP datasheet for additional information on Sentrion Appliances

Sentrion Architecture



Sentriion Benefits

- Accuracy and protection where 80% of violations occur
- Platform architecture gives proven high ROI
- Platform for future growth and integration with messaging infrastructure
- Immediate policy enforcement with compliance applications

Sentriion MPV System Requirements

Host

The following host machine minimum requirements must be met for running a Sentriion MPV instance in a production environment:

Host Minimum System Requirements
VMware ESX 3.0.2 or later
Virtualization support enabled
Adaptive power management disabled
Dual-core Xeon 64-bit processors at 2.66 GHz
6 GB/533 MHz RAM required to run one Sentriion MPV instance on VMware ESX
Local RAID-based storage, 20 GB available disk capacity per instance
Two 100/1000M NIC ports; one for ESX administration and one for use by the guests instances

Sendmail recommends the following specification enhancements for host systems running three or more Sentriion MPV instances in a production environment:

Recommended Host System Requirements
VMware ESX 3.5 or later
Two quad-core processors at 3.0 GHz (eight cores total)
16 GB/667 MHz RAM
SAN storage (such as iSCSI or Fibre Channel) for use with ESX's VMotion
Four 100/1000M NIC ports, allowing a dedicated ESX administration port and three addressable ports for the virtual machines

Guest

The following minimum resources must be allocated to each Sentriion MPV instance:

Guest Minimum System Requirements
Single Virtual CPU
3 GB RAM
20 GB drive space (requires adjusting disks, see Installing the MPV Distribution). Additional 16 GB per snapshot, if snapshots are to be used. (Snapshots function is discouraged for production server use, but is acceptable for non-production testing.)
Two 100/1000M full-duplex NIC ports. Primary NIC is required and should be configured as "bridged." Second NIC is required, but does not need to be connected.

The following additional resources are recommended for each Sentriion MPV instance:

Recommended Guest System Requirements
Two Virtual CPUs
At least 4 GB RAM

Sendmail ships the following default VMware configuration:

Default Guest Recommendations
Two Virtual CPUs
3072 MB (3 GB) of RAM
Four Ethernet NICs
USB enabled (where available)
CD-ROM drive attached to the included MPV.iso boot image
Two LSI Logic SCSI drives set to grow as needed with 3 GB split files
25 GB root (/) drive; 50 GB data (/var) drive.

About Sendmail

Sendmail provides message processing appliances, applications, and services that enable enterprises to modernize their messaging infrastructures resulting in optimal email systems and lowered operating costs. Since 1982, customers have relied on Sendmail open source and commercial products for intelligent email backbones that solve the complex problems of policy-based message handling and routing between email systems such as Exchange or Lotus Notes and the Internet. Sentriion Message Processors and applications address the challenges of gateway management, inbound threat protection, outbound data leak prevention, full email content scanning for regulatory compliance, and intra-company message management all on a single messaging platform.

Contact Us

For more information or to setup a demonstration, contact us at sales@sendmail.com, or phone 877-363-6245.

