



Mail-SeCure on a VMware Platform

OVERVIEW

Email-based threats have been a known issue for quite a while. Most organizations are taking protective measures against email-based threats using dedicated mail filtering (mail relay) solutions.

Recent global market changes and emerging trends in worldwide organizational economy are forcing IT managers to think about creative solutions, set to maximize efficiency and minimize IT-expenses.

Modern server rooms have become overburdened with hardware dedicated platforms, requiring the installation & maintenance of cooling systems, UPS and other hardware monitoring systems.

As a result, hardware related expenses are considered to be a heavy burden on the organizational budget, especially when considering the rise in electricity & consumption costs.

The requirement for energy consumption overall reduction is an important concern when considering new & existing network security solutions.

FEATURES

Perimeter-Based Advanced Spam Protection

Mail-SeCure is equipped with an advanced, multi-layered anti-spam module, which stops most threats (up to 90%) at the perimeter level (prior to the organization's network), resulting in major savings in bandwidth and system resources, along with a better detection rate (less data is read by the system) and a reduced false positive ratio.

PineApp Mail-SeCure on a VMware platform is a software-based email filtering and management solution, set to provide a cost-effective, proven answer to customers seeking for a VMware based email filtering & management solution.

Mail-SeCure is equipped with cutting-edge perimeter security engines that focus on stopping the vast majority of threats by looking at the credibility of their sources before they penetrate the customer's network. PineApp's perimeter security approach helps save a substantial amount of system resources previously wasted on unnecessary content inspections.

Mail-SeCure provides system administrators with the tools to handle both email-borne threats and a variety of email-related administrative tasks.

PineApp's Mail-SeCure solution has recently gained the Anti-Spam Checkmark Certification at the Premium level, achieving a detection rate of over 99%.

Post perimeter protection includes in-depth analysis by different anti-spam content inspection engines. Mail-SeCure's anti-spam module is enhanced by proven technology that prevents all known spam, including image-based spam. As a result, Mail-SeCure is able to identify 99% of incoming spam, immediately blocking it or tagging it as spam in accordance with the organization's policy.

By combining anti-spam technologies with advanced policy management, PineApp has reduced the false positive ratio to almost zero.

FEATURES
(continued)**Mail Encryption Solution (optional)**

Mail-SeCure offers a powerful, comprehensive, centrally managed email encryption service to ensure that confidential emails remain confidential. As easy to use as regular email, it allows users to seamlessly encrypt messages, according to the organization's security policy.

The appliance examines all outgoing mail to detect matches to the configured content encryption policy rules. It automatically routes all encryption-triggered messages in a secured route (SSL) to PineApp's dedicated SES (Secure Encryption Service) center in order for them to be signed, encrypted and delivered to the recipient in a PDF or HTML format. A certified return receipt confirms that the right person has opened the email. Customers can now encrypt only the necessary mail messages (e.g., financial or security related messages) via a secured route (SSL). The usage of a well-secured, external encryption center (PineApp's SES), in addition to removing the key and certificate burden from the organization's IT department, provides significant financial and network resource savings.

Advanced Management

Mail-SeCure provides a set of highly sophisticated but flexible management tools, which allow system administrators, postmasters and end-users to design smart and efficient policy enforcement measures and have complete control over auditing and management.

Data Leakage Prevention and Content Compliance Package

To help system administrators preserve a strong data security policy, in full compliance with worldwide and domestic content regulation, Mail-SeCure supplies a comprehensive toolkit that provides deep content analysis of more than 300 file types to block data leakage and attempted theft.

User Personal Daily Traffic Reports

By issuing a daily traffic report mail message, Mail-SeCure allows customers to manage their own personal black and white lists and release any mail

that has been blocked as spam. The appliance sends a report containing a summary of all incoming mail messages that arrived for the specified customer since the last daily report delivery.

Mail-SeCure can send hourly reports with customizable functionality (e.g., with/without the ability to black and white list a certain address or domain, with/without a link to personal quarantine etc.).

This saves the system administrator unnecessary work because users can manage their own lists without compromising or affecting the organization's global security policy.

Inappropriate Content Control (ICC) (optional)

Mail-SeCure offers an optional image-scanning module, set to detect, block and report any inappropriate images (containing pornography, nudity etc.) embedded or attached to incoming mail messages, according to a threshold customizable scale.

Mail-SeCure's ICC module also offers a synchronizing feature with the IWF (Internet Watch Foundation) URL blacklist, preventing any malicious content websites from embedding links in incoming mail messages. The use of ICC adds substantially to the efficiency and coverage of the appliance's content inspection array.

Backscatter Prevention

Backscatter is a non-delivery notice received either from people whom no one in the organization has sent mail to or from an unknown source. Backscatter is caused by viruses that infect computers outside the network, forging the "From" line of an email message by randomly selecting your organization's email address from an infected machine's address book. Backscatter is also caused by spammers who put another person's email address as the return address on their spam. This can cause hundreds and even thousands of emails to be sent to the person's mail server. Mail-SeCure significantly reduces the amount of backscatter via a unique feature that prevents backscatter and keeps unwanted bounce-back messages from entering the network.

BENEFITS**Maximized Economical Efficiency**

The implementation of a virtualized security solution assists in achieving a significant reduction in hardware-related IT expenses, such as electricity, physical storage space allocation, maintenance, monitoring and more.

Seamless installation process

Virtualized platforms provide improved product mobility. This environment provides Mail-SeCure High Availability and high Fault Tolerance.

Contribution towards a green environment

The reduction of hardware platforms within the organization, and overall electricity consumption reduction as a result, is suitable with the recent environmental awareness global trend and contributes directly to creating an environmentally friendly organization.

OS core preservation

Though all solutions are installed on one central system, each VMware solution preserves its own operational core. That means, that the products are separated from one another and a possible malfunction on one solution does not affect the other's activity or well-being in any way.

A Content Compliant Solution

Thanks to the Data Leakage Prevention comprehensive package, Mail-SeCure now provides content compliance according to the strictest international and domestic standards, such as HIAA, SOX, GLBA, Basel-II and more!

A System and Network Resources-Friendly Solution

The amount of resources saved by using a Virtual platform, in addition to the reliance on external database queries along with Mail-SeCure's perimeter security array conserves system resources and significantly enhances network performance.

Real-time Technology Implementation

Mail-SeCure's software updates focus not only on meeting emerging security threats but also on implementing real-time, on-demand new features and enhancements for all the appliance's engines and services.

MINIMUM REQUIREMENTS

Ordering information	Est. Users	CPU Processor	Memory	System Drive Size	Network Ports
PA-VM-MS-25	25	Celeron Dual Core E1400	2G	80GB SATA2	2xGbE
PA-VM-MS-50	50	Celeron Dual Core E1400	2G	80GB SATA2	2xGbE
PA-VM-MS-150	150	Celeron Dual Core E1400	2G	80GB SATA2	2xGbE
PA-VM-MS-300	300	Intel Core2 Duo E7400	2G	80GB SATA2	2xGbE
PA-VM-MS-600	600	Intel Core2 Duo E7400	2G	160GB SATA2	2xGbE
PA-VM-MS-850	850	Intel Core2 Duo E7400	2G	160GB SATA2	2xGbE
PA-VM-MS-1K	1000	Intel Core2 Duo E8400	4G	160GB SATA2	2xGbE
PA-VM-MS-2K	2000	Xeon E5405 (Quad Core)	4G	146GB SAS	2xGbE
PA-VM-MS-3K	3000	Xeon E5405 (Quad Core)	4G	146GB SAS	2xGbE
PA-VM-MS-4K	4000	Xeon E5405 (Quad Core)	4G	146GB SAS	2xGbE
PA-VM-MS-5K	5000	Xeon E5405 (Quad Core)	4G	146GB SAS	2xGbE
PA-VM-MS-10K	10000	Xeon E5405 (Quad Core)	4G	146GB SAS	2xGbE
PA-VM-MS-25K	25000	2x Xeon E5405 (Quad Core)	4G	146GB SAS	2xGbE
PA-VMDR-850 (Director for up to 850 users)		Intel Core2 Duo E7400	2G	160GB SATA2	2xGbE
PA-VMDR-3K (Director for up to 3000 users)		Xeon E5405 (Quad Core)	4G	146GB SAS	2xGbE
PA-VMDR-25K (Director for up to 25000 users)		2x Xeon E5405 (Quad Core)	4G	146GB SAS	2xGbE

Notes:

- ✓ Recommended system drive @ RAID 1 above 1500 users.
- ✓ Recommended system with max memory >=4GB

**PRODUCT
LINE**

Mail-SeCure is an email perimeter security product that protects organizations of any size from both targeted and non-targeted email-related threats. Mail-SeCure comes in various appliance & software-based platforms.

Mail-SeCure 1000 series protects home office and small business organizations (1-50 mail users).

Mail-SeCure 2000 series protects medium-sized organizations (100-500 mail users).

Mail-SeCure 3000 series protects larger medium-sized organizations (500-2,500 mail users).

Mail-SeCure 5000 series protects larger corporations (2,500-25,000 mail users).

Mail-SeCure as Software protects all sized organizations (1-25,000 mail users)

Mail-SeCure on a VMware platform protects all sized organizations (1-25,000 mail users)

SUMMARY

Mail-SeCure on a VMware platform is the most efficient and effective email security solution available today for VMware-based networks. It has a very wide installation base worldwide, with almost no malfunctions or downtime, and an extraordinarily high rate of spam blockage. Mail-SeCure's ease-of use, accessibility and detailed permissions system allow end-users to manage their own personal mailboxes, without compromising their email security (or the organization's) and without bypassing the administrator's enforced email policy regulations.

Mail-SeCure's strong and accurate perimeter security engines help conserve total system

and network resources.

A smart email perimeter security policy enhances not only the quality of email services but all network services.

Mail-SeCure's innovative and flexible design, along with its frequent, independent updates, keep the organization safe from all existing and emerging email-borne threats – in real time!

Businesses of all sizes and ranges, seeking an economically wise, comprehensive email security solution tailored to the size of their organization will find Mail-SeCure on a VMware platform to be the best all-around answer to their email security needs.

CONTACT

PineApp Mail-SeCure series solutions are available for a free trial for customers interested in buying the product.

To set up a free 30-day trial, please call +972-4-8212321 or visit us on the Web at <http://www.pineapp.com/try>

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PineApp™, a leader in securing networks and email systems, offers comprehensive appliance solutions for small, medium and large organizations. PineApp's products are well known in the industry and have received very positive reviews, positioning them as leaders in their field.