

Sentrion DKIM Signer™

Email Authentication Appliance

OVERVIEW

According to the Anti-Phishing Working Group, close to 24,000 phishing scams were reported in the U.S. in February 2007 alone, with more than 100 top brands being forged.

Email Authentication is fast becoming the standard method for helping businesses protect their customers, employees and brand from phishing and fraud. All major ISPs are adopting email authentication technology—Sender ID, DomainKeys or DomainKeys Identified Mail (DKIM).

These technologies enable ISPs to take actions on incoming e-mail, from throttling to marking e-mail with an “open with caution” notation, to an outright block to protect customers from unwanted or dangerous email from unknown or illegal senders.

The emergence of DKIM as an IETF standard and its added protections make it a natural for wide adoption for both the ISPs and corporate enterprises. As the adoption of DKIM accelerates it is extremely important for businesses to begin “digitally signing” their outbound email to ensure that their messages are seen as legitimate by ISPs and other corporate enterprises.

SENTRION DKIM SIGNER

Sentrion DKIM Signer is a special purpose email security appliance that provides out-of-the-box protection from fraudulent email and phishing schemes using the recently IETF approved Email Authentication Internet Standard, DKIM. Sentrion DKIM Signer is designed for organizations of any size that need to quickly and easily begin protecting their organization from email fraud. Sentrion DKIM Signer is delivered in a 1U base configuration which includes:

- Sendmail MTA for high performance mail routing
- DomainKeys Identified Mail (DKIM) email authentication filter for digital message signing
- Intuitive graphical wizard interface for easy setup and administration

Sentrion DKIM Signer

Sentrion DKIM Signer is designed for organizations of any size that need to quickly and easily begin protecting their organization from email fraud

Sentrion DKIM Signer is typically deployed as a “last hop” gateway that digitally signs all outbound email with no message delivery performance degradation on the existing messaging infrastructure and no impact to end users. The Sentrion DKIM Signer plug-n-play configuration wizard makes setup quick and simple.

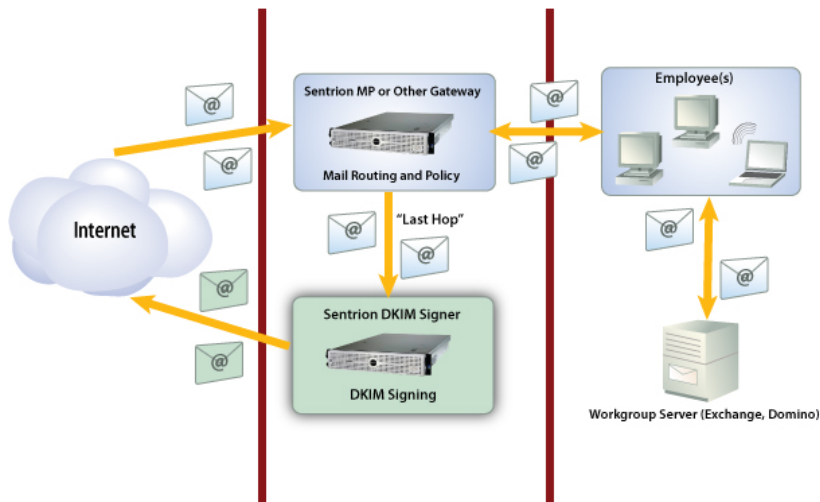


FIGURE 1. Sentrion DKIM Signer is typically deployed as a last hop gateway that digitally signs all outbound messages.

BENEFITS

- Ensures messages pass ISP authentication checks for delivery of email to recipients
- Quickly and easily begin protecting employees, customers and partners from email fraud
- Protect corporate brand by preventing fraudulent email using your brand identity
- Plug-n-play and easy-to-use wizard configuration ensures outbound email is DKIM signed without complex setup and maintenance
- Cost effective solution that does not require Email Authentication expertise

Sentrion DKIM Signer

With Sentrion DKIM Signer, businesses can be signing messages in a matter of hours

Why Choose Sendmail for Email Authentication?

Sendmail is uniquely positioned to help businesses quickly and cost effectively implement DKIM and help fight email fraud.

Sendmail is a principle author of the DKIM authentication specification. Over the past 3 years, Sendmail worked closely with other Internet leaders with a goal of developing an email authentication standard which would have the greatest impact on email fraud, and that could be widely deployed with relatively low implementation costs. The Internet Standard RFC 4871 approved by the Internet Engineering Task Force is the result of that effort and Sendmail continues to be at the forefront of making email authentication easily available for all businesses.

Sendmail's family of [Sentrion Message Processor \(MP\)](#) security appliances and software also support DKIM for both signing and verification.

FIGURE 2. Sentrion DKIM Signer Specifications.

COMPONENT	SPECIFICATION
Height	1U
Hardware Architecture	32/64 bit
Software Architecture	64 bit
CPU	1
	Dual Core Intel® Xeon® 5150, 4MB Cache, 2.66 GHz, 1333MHz FSB
CD RW/DVD Drive	Yes
RAM	4GB 667MHz (4X1GB), Dual Ranked DIMMs
Operating System Disks	2 x 250 GB @ 7.2K rpm SAS/SATA - 3.5" RAID-1
Data Disks	Share with Operating System
RAID	RAID 1
NIC	IntelPro 1000PT 2-Port
Remote Management	DRAC5
Power Supply	Redundant Power Supply with Y-Cord
Fiber Channel HBA	n/a

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 360° Messaging Assessment Program.

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