TECHNOLOGY

Overview

IRONPORT

PXE Encryption Technology

OVERVIEW

IronPort PXE™ encryption technology combines with the next-generation compliance filters of the *IronPort C-Series*™ email security appliances to fulfill HIPAA, SOX, GLB and other regulatory requirements for auditable, policy-driven email encryption.

This revolutionary encryption technology satisfies the compliance checkbox easily, cost-effectively and with less impact to workflow than other systems — and that's just the beginning of the business value that IronPort® can deliver.

A unique combination of usability, low Total Cost of Ownership (TCO) and universal access allows *IronPort PXE* technology to revolutionize email encryption by enabling deployment beyond core compliance applications. Enhance customer communications, protect sensitive business information even in ad hoc email and gain business-class email features to enhance visibility and control.

FEATURES

IronPort PXE meets compliance requirements for email encryption while delivering powerful new business-class email features—all in an easy-to-use, broad reaching and low TCO package.

SECURE, AUTHENTICATED EMAIL

IronPort PXE technology provides secure, policy-based email encryption that's simple for both senders and receivers, and accessible from any email platform. It meets compliance requirements and protects confidential information without the cost and complexity of PKI.

Support for all email platforms ensures that messages sent using IronPort PXE technology can be opened by any user — on AOL, Yahoo!, Gmail and Hotmail, as well as traditional enterprise email clients such as Outlook, Lotus Notes and Groupwise.

Automated encryption policy enforcement uses advanced compliance filters to identify and flag email messages for encryption.

DomainKeys signing digitally signs outgoing messages to establish and protect your identity with email receivers on the the Internet.

FEATURES (CONTINUED)

Integrated enrollment and key management eliminates legacy PKI complexity, and is available through either the *IronPort Hosted Key Service* or as a local key service on an *IronPort Encryption Appliance*.

Secure Response allows recipients to respond securely without installing any software.

Standards-based encryption is provided through the use of the strongest, most widely accepted encryption algorithms, including RC4 and AES.

BUSINESS-CLASS EMAIL

In addition to securing email, *IronPort PXE* enhances visibility and control

Guaranteed read-receipts allow the sender to know precisely when a message sent using *IronPort PXE* technology was delivered and viewed by each recipient.

Message expiration and locking enables messages to be locked (preventing the recipient from viewing them) up until they are actually viewed, even after delivery to the recipient's inbox.

BENEFITS

IronPort PXE meets all compliance requirements. But that's just the beginning. The unique combination of usability and low TCO provides an opportunity to create true business value: improving customer communications, protecting sensitive information, and enhancing email visibility and control.

Guarantee Compliance Ensure that sensitive messages are handled in compliance with regulatory legislation, such as HIPAA, SOX, GLB and other industry regulations.

Send to Any Email Inbox Securely communicate with any email user, regardless of email client or computer platform. Recipients don't need to install any software or have an encryption certificate, making it practical for business-to-consumer or ad hoc business-to-business communication.

Easy for Users All policy enforcement and encryption occur at the gateway, making encryption transparent to senders. First-time recipients are taken through a simple enrollment process, and thereafter just enter a password to view messages—without installing any software.

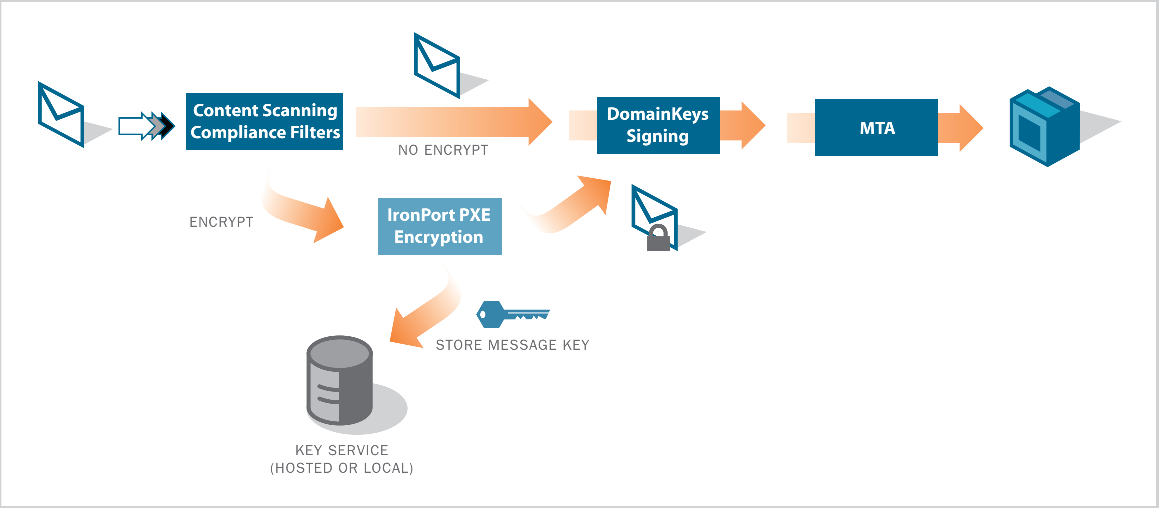
Reduce Encryption TCO Eliminating PKI and certificate services drastically reduces the administrative cost and burden for deploying email encryption at any scale.

Enable Business-Class Email Leveraging *IronPort PXE* technology provides unprecedented visibility and control over outbound email.

FIGURE 1.

OUTBOUND EMAIL PIPELINE WITH ENCRYPTION

Content filters on *IronPort C-Series* appliances identify messages to be encrypted, based on compliance and business considerations. Once encrypted, *IronPort PXE* messages continue through the mail pipeline for DKIM signing and delivery.



SUMMARY

SECURE, AUTHENTICATED, BUSINESS-CLASS EMAIL

IronPort PXE encryption technology revolutionizes email encryption — satisfying compliance requirements while providing opportunity to extend into areas that can add tangible business value. IronPort provides the only email encryption technology that combines universal accessibility (send and receive on any email platform) with ease-of-use (no client software or PKI), and is proven in mission-critical deployments of up to 30 million recipients.

CONTACT US

HOW TO GET STARTED WITH IRONPORT

IronPort sales representatives, channel partners and support engineers are ready to help you evaluate how IronPort products can make your infrastructure secure, reliable and easier to manage. If you believe that your organization could benefit from IronPort's industry-leading products, please call 650-989-6530 or visit us on the Web at www.ironport.com/leader

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IronPort Systems, a Cisco business unit, is a leading provider of anti-spam, anti-virus and anti-spyware appliances for organizations ranging from small businesses to the Global 2000. IronPort appliances utilize SenderBase, the world's largest email and Web threat detection network and database. IronPort products are innovative and easy-to-use—providing breakthrough performance and playing a mission-critical role in a company's network infrastructure.

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IronPort PXE Encryption
06/07
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