

SecurExchange

Total E-mail Peace of Mind™

Overview

Nemx is the leading provider of active email control solutions. SecurExchange™ is the only email control product designed specifically for the Microsoft Exchange environment and offers the first truly *total* protection for e-mail communications.

Unlike email appliances or managed services that only have the ability to monitor inbound or outbound messages, SecurExchange provides "*every-message*" monitoring. Since internal email outnumbered all other email by 8 to 1, that means you can control 100% of your email—not just 15%.

In today's business environment you need to reliably safeguard your sensitive or confidential information, enforce compliance with both external regulatory and internal corporate policies and intelligently analyze all incoming, outgoing and internal e-mail. SecurExchange does all that and more so you can truly have Total e-Mail Peace of Mind™.

The SecurExchange family of products incorporates some of the most advanced capabilities available, including:

- Real-time content scanning of all messages (inbound, outbound and internal) to detect and prevent content violations BEFORE they can occur;
- Sophisticated, concept-based scanning to improve accuracy and effectiveness and help define and enforce your corporate compliance and acceptable use content policies;
- Smart Action Triggers™ that act like your personal Virtual Administrator, to provide greater flexibility and put you in complete control over how to automatically manage or process messages that meet predefined event conditions;
- Policy-driven, on-demand automatic encryption and digital signatures;
- Scanning and content policy enforcement for attachments (Microsoft Office and PDF files)
- Automatic message archive by user, user group or based on message content;
- Detailed statistical reporting including the number of incoming and outgoing messages, the number of messages that triggered an event or action, which rules are being triggered and how many times; and
- Optional "Zero-hour" anti-virus defense to stop viruses dead, even before a signature file is created!

The following SecurExchange products are available:

SecurExchange Corporate Edition
SecurExchange Perimeter Edition
SecurExchange S/MIME Edition
SecurExchange SBS Edition
SecurExchange IMF Edition
SecurExchange AutoContent Edition
SecurExchange AV Corporate Edition
SecurExchange AV Perimeter Edition

SecurExchange Technology Features

The SecurExchange™ family of active email control solutions was designed with one goal in mind: to offer the most reliable, effective and user-friendly protection available for your Exchange Server - bar none.

Among other features and capabilities, SecurExchange products share the same advanced core technology and features, including:

Plug-&-Play Ease of Operation

- Plug any SecurExchange product directly into your Exchange Server without the need for any appliances, firewalls or proxies
- Get up and running quickly without any time-consuming modifications or reconfiguration to Exchange or its connectors
- Eliminate the expense of any additional hardware, software or OS requirements
- Dramatically improve performance and reliability - and save time and money

Administrative Simplicity

- Perform all SecurExchange configuration and operations directly from your Exchange System Manager or Exchange Administrator
- Automatically preserve your existing Exchange Server security settings and rules
- Choose between local or remote modes of operation
- Virtually eliminate the administrative learning curve and reduce the time and cost of maintaining your system

Intelligent Content Analysis (ICA)

Intelligent Content Analysis (ICA) is a highly advanced set of analysis techniques that enable many of SecurExchange's powerful content monitoring and management capabilities. By *intelligently* analyzing the content within or attached to an e-mail, ICA allows you to automatically trap any e-mail with content you've deemed inappropriate - whether it is entering, leaving or circulating within your Exchange Server organization.

Using ICA, SecurExchange lets you:

- Monitor all e-mail content in accordance with predefined **concepts**, rather than simply looking for key words or phrases that can be easily camouflaged
- Selectively archive messages by user, user group or based on message content
- Use content-based parameters to invoke specific Smart Action Triggers™ for more refined and granular message control and exception handling
- Specify different actions to take based on the type of virus or malware detected
- Significantly enhance the effectiveness of your anti-spam capabilities, while guaranteeing that legitimate mail from customers, partners and others is delivered without fail.
- Flexibly and efficiently define, monitor and enforce your corporate use and content policies as they apply to email within your Exchange Server environment.

Smart Action Triggers™ (SAT)

Another SecurExchange innovation, Smart Action Triggers™ (SAT) automatically take any number of actions with e-mail that is caught through SecurExchange's Intelligent Content Analysis. Any number of SAT's can be defined and set as defaults to various filter definitions, and Smart Actions can act upon any message traveling through your Exchange Server, whether its inbound, outbound, or destined for a private mailbox, or public folder. A SAT can automatically initiate a single or multiple "smart action" with any e-mails that are filtered based on the rules or conditions you've defined, including:

- Archive messages and attachments in an MS SQL server or other ODBC compliant database
- Delete or quarantine the message
- Forward the message to another user(s) or public folder
- Remove any or all attachments
- Categorize the message according to your Outlook or local workstation rules and processes
- Append a disclaimer or other text to the message
- Send a reply message to the sender
- Send a copy or alert your staff to potential security breaches, insider threats or exposure to liability
- Add an entry to your e-mail audit log
- Automatically white list friendly domains and safe senders depending on the Spam Confidence Level (SCL)

Policy-based, on-demand Encryption and Digital Signatures (S/MIME)

Now highly sensitive information can be protected automatically based upon criteria reflected in corporate security policy. Messages, and any attachments, can be encrypted and/or digitally signed on-demand by SecurExchange's sophisticated policy-driven encryption rules—all without user intervention or Outlook client plug-ins. More importantly SecurExchange interacts with Microsoft Certificate Authority (CA) to provide automatic key and certificate life cycle management, leveraging existing security profiles and eliminating duplication and potential synchronization problems.

SecurExchange S/MIME provides safe, secure email transparently to the sender and allows:

- Encrypt and/or digitally sign based on content, attachments, sender, recipients or recipient's domain
- Encrypted / Signed at the Exchange Server
- No special user plug-in or interaction required in Outlook or at the client desktop
- Clear text message stored in mailbox, journal, and archive
- Becomes part of perimeter network infrastructure for cost effectiveness and simplicity
- Firewall like transparency to email clients and users
- Utilizes X.509 and S/MIME IETF standards
- Non Delivery reports for failed encryption / signing due to certificate issues
- Interacts with Microsoft Certificate Authority (CA) for full key creation and lifecycle management
- Auto Generation of Sender's Certificate without user interaction or client plug-in
- Manages outdated and/or revoked local Certificates
- Certificate Update Service discovers Public Certificates in Outlook's Contacts folders and from inbound email
- Automatically requests recipients Public key if not available, outdated, or revoked
- Manages outdated and revoked Public Certificates