MXTREME™ MAIL FIREWALL

The BENCHMARK for Email Security™

MXtreme™ – Virus Protection

"Viruses continue to be the single most destructive threat to email."
– Matt Cain, Meta Group, April 7, 2004

Enterprises invest heavily in anti-virus security for end-user desktop systems and servers. Yet they still struggle to keep up with the number of viruses, trojan horses and worms that threaten to corrupt corporate data and shut down operations.

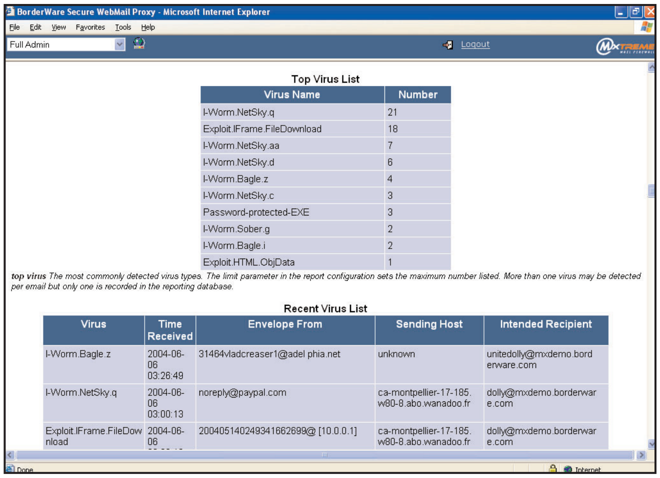
Combatting these emerging threats requires a tiered anti-virus strategy; content on servers and desktops must be scanned as it enters an organization through email. Security experts suggest a defense-in-depth strategy by using anti-virus technology from multiple vendors.

Virus Protection at the Mail Gateway

MXtreme augments your existing virus protection by scanning all inbound and outbound messages for known viruses using the Kaspersky® Anti-Virus engine. Kaspersky Anti-Virus is one of the most highly-rated virus detection engines and automatically provides updates for protection against the latest threats.

MXtreme not only blocks known viruses but can also deal with unknown threats by allowing you to set attachment controls and content filters. In addition, MXtreme filters for malformed messages – a common practice of virus writers that hides infected attachments within a message to slip past your anti-virus defenses.

In December 2003, one MXtreme customer blocked 41,000 instances of MyDoom within the first 24 hours of the virus outbreak. It was automatically quarantined by MXtreme even though an anti-virus signature had not yet been developed.


BorderWare Secure WebMail Proxy - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Full Admin
Logout
Done
Internet

Top Virus List

Virus Name	Number
I-Worm.NetSky.q	21
Exploit.IFrame.FileDownload	18
I-Worm.NetSky.aa	7
I-Worm.NetSky.d	6
I-Worm.Bagle.z	4
I-Worm.NetSky.c	3
Password-protected-EXE	3
I-Worm.Sober.g	2
I-Worm.Bagle.i	2
Exploit.HTML.ObjData	1

top virus *The most commonly detected virus types. The limit parameter in the report configuration sets the maximum number listed. More than one virus may be detected per email but only one is recorded in the reporting database.*

Recent Virus List

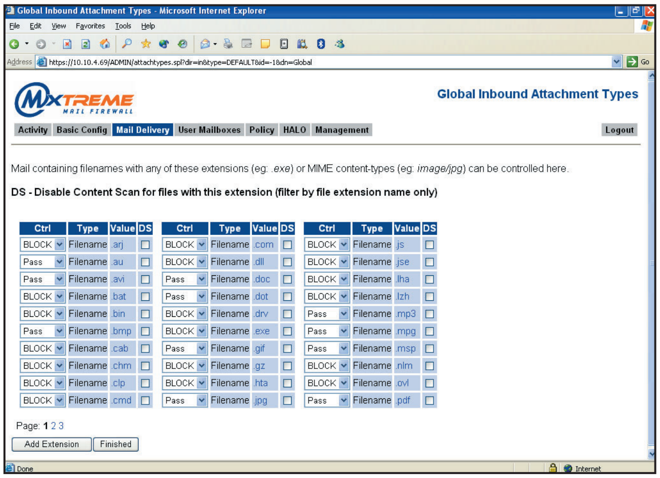
Virus	Time Received	Envelope From	Sending Host	Intended Recipient
I-Worm.Bagle.z	2004-06-06 03:26:49	31464vladcreaser1@adel phia.net	unknown	unitedolly@mxdemo.borderware.com
I-Worm.NetSky.q	2004-06-06 03:00:13	noreply@paypal.com	ca-montpellier-17-185.w80-8.abo.wanadoo.fr	dolly@mxdemo.borderware.com
Exploit.IFrame.FileDownload	2004-06-06	200405140249341662699@ [10.0.0.1]	ca-montpellier-17-185.w80-8.abo.wanadoo.fr	dolly@mxdemo.borderware.com

MXtreme Virus Report Screen

Policy Control and Attachment Handling

MXtreme provides comprehensive policy controls with rich disposition options. These capabilities are extended to attachment control and anti-virus scanning. Administrators have numerous options for handling inbound and outbound messages. Built-in controls enable infected messages to be filtered, deleted or quarantined, attachments to be dropped, and subject headers within the message to be modified.

MXtreme can also be configured to send messages to administrators, end-users or senders to notify them that a virus was found within an email message or attachment.


Global Inbound Attachment Types - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Address https://10.10.4.69/ADMIN/attachtypes.spl?dir=in&type=DEFAULT&id=-1&dn=Global
Go
MXTREME MAIL FIREWALL
Activity
Basic Config
Mail Delivery
User Mailboxes
Policy
HALO
Management
Logout
Done
Internet

Global Inbound Attachment Types

Mail containing filenames with any of these extensions (eg: *.exe*) or MIME content-types (eg: *image/jpg*) can be controlled here.

DS - Disable Content Scan for files with this extension (filter by file extension name only)

Ctrl	Type	Value	DS	Ctrl	Type	Value	DS	Ctrl	Type	Value	DS
BLOCK	Filename	.arj	□	BLOCK	Filename	.com	□	BLOCK	Filename	.js	□
Pass	Filename	.au	□	BLOCK	Filename	.dll	□	BLOCK	Filename	.jse	□
Pass	Filename	.avi	□	Pass	Filename	.doc	□	BLOCK	Filename	.lha	□
BLOCK	Filename	.bat	□	Pass	Filename	.dot	□	BLOCK	Filename	.lzh	□
BLOCK	Filename	.bin	□	BLOCK	Filename	.drv	□	Pass	Filename	.mp3	□
Pass	Filename	.bmp	□	BLOCK	Filename	.exe	□	Pass	Filename	.mpg	□
BLOCK	Filename	.cab	□	Pass	Filename	.gif	□	Pass	Filename	.msp	□
BLOCK	Filename	.chm	□	BLOCK	Filename	.gz	□	BLOCK	Filename	.nlm	□
BLOCK	Filename	.clp	□	BLOCK	Filename	.hta	□	BLOCK	Filename	.ovl	□
BLOCK	Filename	.cmd	□	Pass	Filename	.jpg	□	Pass	Filename	.pdf	□

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Add Extension | Finished

MXtreme Attachment Blocking Controls Screen

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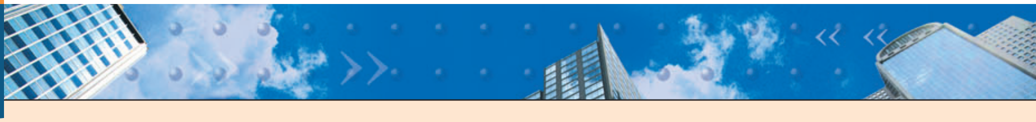

MXtreme Secure WebMail Features:

Multiple Detection Tools	> Anti-Virus scanning and cleansing by Kaspersky Anti-Virus > High performance in-line scanning for inbound and outbound email queues (fully configurable) > Attachment-type blocking and filtering with quarantine > Scan attachments down 20 levels of compression; beyond 20 levels, messages are automatically quarantined > Keyword and content filtration to block further threat dispersion
Software Updates	> Updates to Anti-Virus signatures every 15 minutes > SecurityConnection™ updates all content filters on a regular basis for comprehensive protection > All updates and changes are logged to extensive database and reporting engine > Manual updates can be implemented at anytime through the centralized management console
Management	> All Anti-Virus options are managed directly through the Secure Administration Console on MXtreme > Global and Individual Quarantine options ensure infected files are dealt with according to corporate security policy > Multiple disposition options for known and unknown viruses - messages can be cleansed, attachments can be dropped, subject headers within messages can be modified, messages can be deleted or quarantined
Audit & Reporting	> Comprehensive database and reporting offers complete visibility into virus activity and potential threat sources > Top virus lists and top senders of infected attachments

PARTNERS

Cisco Systems AVVID Partner • F5 Networks • Sun microsystems iForce™ Partner • FaceTime™

symantec. • BlackBerry. Alliance Member • Kaspersky Anti-Virus • RSA Security™

Common Criteria EAL4+ CERTIFIED • Proudly Serving Enterprise and Government 10 YEARS 1994-2004 • FIVE YEARS MXTREME™ Securing Enterprise & Government Email • BorderWare™

BorderWare Technologies Inc. > To learn more about MXtreme, or to register for a **FREE** webinar, visit **www.mxtreme.com** today!

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