

Mail server security is more important than ever

Targeted threats and mobile IT trends increase email security risks

Today's highly targeted attacks or advanced persistent threats (APTs) use dynamic malware, layered encoding, and other tricks to bypass signature-based security, operate undetected, and steal your corporate data. More than 90% of these attacks begin with a spear phishing email, and yet most mail server security solutions offer little or no protection.

Bring-your-own device (BYOD) and consumerization introduce another set of challenges. For starters, more email is now read on mobile devices than on desktops. These smartphones, laptops, and tablets often lack the security needed to protect your company data. The bottom line: it's more critical than ever to stop threats before they reach your end users.

Security built into Microsoft Exchange 2013/2016 is very limited

Now that Microsoft has discontinued Forefront Protection for Exchange, many companies are searching for the most cost-effective replacement. Like other IT managers, you may have already discovered that the security built into Microsoft Exchange 2013 and 2016 is missing many of the basic functions offered by Forefront.

With Exchange 2013/2016's built-in security, you can no longer look in quarantine for an email suspected of containing malware, create a security policy to block dangerous file types, nor scan the mail store for malware. Plus, it lacks reporting, APT detection, and other advanced protections you need. Without web reputation it is unable to block malicious web links embedded in email—the most common form of attack.

Only ScanMail provides the mail server security companies need

Unlike other leading solutions, Trend Micro ScanMail™ Suite for Microsoft® Exchange™ stops APTs and highly targeted email attacks by using document exploit detection, enhanced web reputation, and sandboxing—part of the Trend Micro Network Defense.

Only ScanMail utilizes **email, web, and file reputation**, correlated in the cloud so you get immediate protection from a broader range of unknown, emerging threats, including bad web links.

ScanMail also offers **integrated data loss prevention (iDLP)** to address compliance challenges at the mail server. iDLP lowers the cost and complexity of compliance with PCI, HIPAA, and other regulations. This component can be centrally managed along with iDLP modules in Trend Micro endpoint and gateway solutions.

| Increased protection | Trend Micro ScanMail Suite | Symantec Mail Server Security | McAfee MSME | Microsoft Forefront for Exchange | Microsoft Exchange 2013/ 2016 built in |
|---|-------------------------------|----------------------------------|----------------|--|--|
| Scans incoming/internal messages in real-time | ✓ | ✓ | ✓ | ✓ | ✓ |
| Scans mail store for security or content violations | ✓ | ✓ | ✓ | ✓ | ✗ |
| Quarantines suspicious email | ✓ | ✓ | ✓ | ✓ | ✗ |
| Reports on security violations | ✓ | ✓ | ✓ | ✓ | ✗ |
| Controls attachments with True File type filtering | ✓ | ✓ | ✓ | ✓ | ✗ |
| Simplifies compliance with DLP and regulatory templates | ✓ | ✗ | ✓ | ✗ | ✓ |
| Blocks phishing attacks with dedicated Web Reputation filter ¹ | ✓ | ✗ | ✗ | ✗ | ✗ |
| Protects against targeted attacks (APTs) with exploit detection and sandboxing option | ✓ | No sandbox option | ✗ | ✗ | ✗ |

¹ Dedicated web reputation filters URLs even in enterprise deployments where Exchange is not deployed as a gateway (edge server)

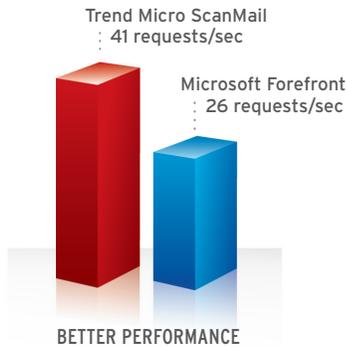
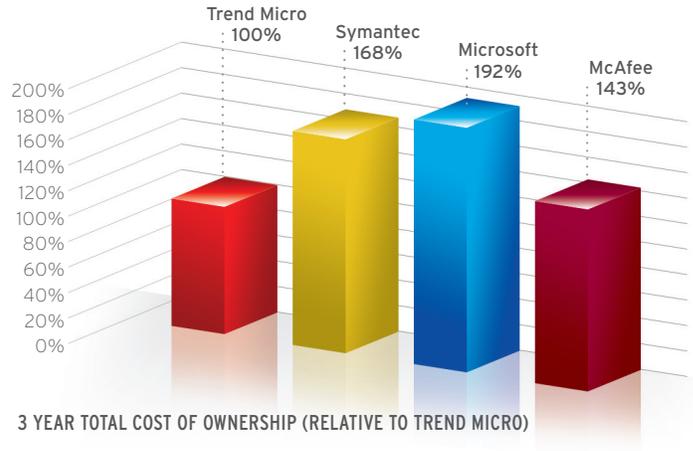
Cut administrative time in half

ScanMail is a true “set and forget” solution with features that reduce administrative costs. Central management, template-based data loss prevention (DLP), and role-based access have earned ScanMail the lowest administration overhead and TCO of the five leading security vendors.

Insufficient security that lacks management tools will cost you more

When Osterman Research surveyed 112 users of the four leading mail server security products, Trend Micro ScanMail had the lowest three year total cost of ownership. Users of Microsoft Forefront reported they spent twice as much time administering mail server security compared to users of Trend Micro ScanMail.¹

The lesson here, “free” security from Microsoft was never really free. It was 35% more expensive to use and that doesn’t include the cost of Software Assurance, required to receive security updates for Forefront.²



Speed throughput

ScanMail delivers high performance scanning with native 64-bit support—for faster mail throughput speeds.

Independent testing has found that Trend Micro offers 57% higher throughput performance.³

Keep business humming

Time is money, and streamlining the efficiencies of your mail servers is no exception. Longtime Trend Micro customers rave about the reliability of ScanMail saying, “It just runs.” As the first company to secure Exchange, Trend Micro provides the most advanced mail server security—with protection against APTs, data loss, malicious web links, and emerging threats.

Get the protection you need

Most mail server security solutions, including the limited set of built-in protections in Exchange, rely on pattern file updates, which only detect traditional malware. They don’t stop malicious URLs or targeted attacks such as APTs.

As the largest dedicated security company, we address all of these risks, including web threats, APTs and data loss. ScanMail is powered by the Trend Micro™ Smart Protection Network™, so it stops more threats based on real-time global threat intelligence.

1. Osterman Research, A Comparison of Leading Exchange and SharePoint Security Solutions, April 2010: http://www.trendmicro.com/cloud-content/us/pdfs/business/white-papers/wp_osterrman_tco_survey.pdf

2. “Microsoft Software Assurance: Insurance? Or Extortion?”, Richard Steinnon, Forbes.com, Nov 2011: <http://www.forbes.com/sites/richardstiennon/2011/11/07/microsoft-software-assurance-insurance-or-extortion/>

3. Principled Technologies, Exchange Performance: Trend Micro ScanMail for Exchange vs. Microsoft Forefront, Aug, 2011: http://www.trendmicro.com/cloud-content/us/pdfs/business/reports/rpt_scanmail-for-microsoft-exchange-test-report_analyst-principled-tech.pdf



Securing Your Journey to the Cloud

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