TREND MICRO™

DEEP DISCOVERY
NSS LABS BREACH DETECTION TESTS

NSS LABS RECOMMENDED

Trend Micro™ Deep Discovery

TOP SCORE
in breach detection

NSS Labs 2014 Breach Detection Tests

Trend Micro™ Deep Discovery

• Top Score in Breach Detection
• Low TCO: 25% below average
• Zero false positives

NSS Labs 2014 breach detection competitive testing rigorously compared the targeted attack detection effectiveness and total cost of ownership (TCO) of products from the following six vendors:

• Ahn Labs
• Fidelis
• FireEye
• Fortinet
• SourceFire
• Trend Micro

These closed-door tests subjected the six products to an array of sophisticated attacks using advanced malware, stress, and capacity loading. TCO assessments included purchase price, maintenance and operational costs.

NSS Labs tested Trend Micro™ Deep Discovery Inspector, a network appliance that uses multiple threat engines, custom sandboxing and Trend Micro™ Smart Protection Network global threat intelligence to detect and analyze the advanced malware, Command & Control (C&C) communications, and attacker behavior that is invisible to standard security solutions.

NSS Labs Breach Detection Test Results

Product	Breach Detection	NSS Tested Throughput
Trend Micro Deep Discovery Inspector Model 1000 v3.5	99.1%	1,000 Mbps

HTTP Malware	Email Malware	Exploits	Stability and Reliability	Evasions	False Positive Rate
97%	100%	100%	PASS	94%	0%

Trend Micro Deep Discovery: Top Score in Overall Breach Detection

Deep Discovery Inspector scored **99.1%**—the highest of all vendors tested in overall breach detection. These tests used the HTTP and SMTP channels to deliver advanced malware that employed a variety of techniques to infiltrate systems and avoid detection.

While the tests focused on standard HTTP and SMTP channels, attackers also may use alternative protocols and network ports to achieve their goals. Deep Discovery also

monitors over 80 protocols and applications across all network ports.

The result is greater visibility with "360 degree" attack detection beyond standard HTTP and SMTP channels.

Zero False Positives
Deep Discovery Inspector had a 0% false positives rating—meaning that no false positive detections occurred during the tests.

Low TCO
Deep Discovery Inspector had the second lowest total cost of ownership, over 25% below all vendors' products tested.

Certified Throughput
Deep Discovery Inspector fully supported its 1 Gbps capacity rating under the real-world test loads of NSS Labs.

To read the *NSS Labs Breach Detection System Comparative Analysis Security Value Map (SVM) comparing vendor results*, please go to **www.trendmicro.com/deepdiscovery**