

Trend Micro

TIPPINGPOINT® ADVANCED THREAT PROTECTION FOR NETWORKS

Network-Wide Detection of Targeted Attacks and Advanced Threats

Targeted attacks and advanced threats are customized to evade your conventional security defenses, and remain hidden while stealing your corporate data, intellectual property or communications. To detect targeted attacks and advanced threats, analysts and security experts agree that organizations should utilize advanced detection technology as part of an expanded strategy.

TippingPoint Advanced Threat Protection for Networks, powered by XGen™ security, enables 360-degree detection of network-based targeted attacks and advanced threats. By using specialized detection engines and custom sandbox analysis, TippingPoint Advanced Threat Protection for Networks identifies advanced and unknown malware, ransomware, zero-day exploits, command and control (C&C) communications, lateral movement and evasive attacker activities that are invisible to standard security defenses. This detection capability has earned Trend Micro the rank of most effective recommended breach detection system for two years running by NSS Labs.

KEY CAPABILITIES



Inspects all network content Advanced Threat Protection (ATP) monitors over 100 network protocols and all network ports across all network traffic. This enables ATP to detect inbound and outbound threats as well as lateral movement, (C&C) and other attacker behavior across the entire attack lifecycle.



Extensive detection techniques mean that ATP offers better and faster detection of zero-day exploits, advanced threats, and attacker behavior. ATP uses techniques such as file, IP and web reputation, static analysis, heuristic analysis, mobile app reputation, and custom sandbox analysis to detect known and unknown threats.



Custom sandbox analysis uses virtual images that are tuned to precisely match an organization's system configurations, drivers, installed applications and language versions. This approach improves the detection rate of advanced threats that are designed to evade standard virtual images. The custom sandbox environment includes safe external access to identify and analyze multi-stage downloads, URLs, C&C and more.



Comprehensive threat intelligence ensures that local network insight is correlated with global threat insight from the Trend Micro™ Smart Protection Network™. This intelligence is correlated across all of the attack phases.

Key Benefits



Better Detection

- Multiple detection techniques
- Monitors all network traffic
- Custom sandbox analysis
- Comprehensive threat intelligence



Tangible ROI

- Research shows 145% ROI in 10 months¹
- Enhance existing investments
- Flexible deployment options
- Automation of manual tasks

¹ ESG, Economic Value Validation: October 2015



RECOMMENDED
Breach Detection System
3 YEARS IN A ROW

99.8% Detection Rate



INTEGRATION WITH TIPPINGPOINT IPS AND THREAT PROTECTION SYSTEM PRODUCTS

Integrated detection and enforcement

When ATP detects a threat, it will alert the TippingPoint Intrusion Prevention System (IPS) and Threat Protection System (TPS). Once alerted to an attempted breach, the IPS or TPS can block both inbound and outbound communication to the C&C servers. ATP also monitors lateral traffic moving across the network, so it can tell the IPS or TPS to block malicious east-west bound traffic to thwart attacks that may already be in the network.

Having one of the most effective breach detection solutions isn't enough. If you can't easily or automatically take action to stop current or future attacks, the solution won't save you the time or money you need it to. ATP doesn't stop at TippingPoint—it also integrates with SIEM solutions (ArcSight, Splunk and QRadar) and firewalls (Palo Alto Networks and Check Point). An open web API allows your organization to integrate ATP to any existing security investment, providing defense in depth protection that best meets your needs.

Detect and Protect Against

- Targeted attacks and advanced threats
- Zero-day malware and document exploits
- Attacker behavior and other network activity
- Web threats, including exploits and drive-by-downloads
- Phishing, spear phishing, and other email threats
- Data exfiltration
- Bots, Trojans, worms, keyloggers
- Disruptive applications

TIPPINGPOINT ADVANCED THREAT PROTECTION FOR NETWORKS HARDWARE APPLIANCE SPECIFICATIONS

	Model 500/1000	Model 4000
Hardware Model	510/1100	4100
Sandboxes Supported	2 (500) 4 (1000)	20
Form Factor	1U Rack-Mount, 48.26 cm (19")	2U Rack-Mount, 48.26 cm (19")
Weight	19.9 Kg (43.87 lbs)	31.5 kg (69.45 lb)
Dimensions (WxDxH)	43.4 (17.09") x 64.2 (25.28") x 4.28 (1.69") cm	48.2cm (18.98") x 75.58cm (29.75") x 8.73cm (3.44")
Management Ports	10/100/1000 BASE-T RJ45 Port x 1 x 1 iDrac Enterprise RD45 X 1	10/100/1000 BASE-T RJ45 Port x 1
Data Ports	10/100/1000 BASE-T RJ45 Port x 5	10Gb SFP+ with SX transceiver x 4 10/100/1000 Base-T RJ45 x 5
AC Input Voltage	100 to 240 VAC	100 to 240 VAC
AC Input Current	7.4A to 3.7A	10A to 5A
Hard Drives	2 x 1TB 3.5 inch SATA	4 x 1TB 3.5 inch NLSAS
RAID Configuration	RAID 1	RAID 1+0
Power Supply	550W Redundant	750W Redundant
Power Consumption (Max)	604W	847W (Max.)
Heat	2133 BTU/hr (Max.)	2891 BTU/hr (Max.)
Frequency	50/60 Hz	50/60 Hz
Operating Temp.	10 to 35 °C (50-95 °F)	10 to 35 °C (50-95 °F)
Hardware Warranty	3 Years	3 Years

Powered by XGen™ security



Trend Micro TippingPoint products and solutions are powered by XGen™ security, a smart, optimized and connected security approach

Advanced Threat Protection for Networks Virtual Appliances are available at 100/250/500/1000 Mbps capacities and are deployable on VMware vSphere 5 and above

TIPPINGPOINT ADVANCED THREAT PROTECTION PRODUCTS

Advanced Threat Protection for Networks is part of the TippingPoint Advanced Threat Protection family of interconnected products, delivering network, email, and integrated protection—so you can deploy advanced threat protection where it matters most to your organization.



Securing Your Journey to the Cloud

©2017 by Trend Micro Incorporated. All rights reserved. Trend Micro, the Trend Micro t-ball logo, Smart Protection Network, and TippingPoint are trademarks or registered trademarks of Trend Micro Incorporated. All other company and/or product names may be trademarks or registered trademarks of their owners. Information contained in this document is subject to change without notice. [DS03_ATP_Network_170201US]