

Trend Micro

# TIPPINGPOINT® VIRTUAL THREAT PROTECTION SYSTEM

Comprehensive network security for your physical and virtual environments

## PLATFORM OVERVIEW

The threat landscape continues to evolve and so does your network infrastructure. As demands shift from physical to virtual network segments, you need security systems that are physical and virtual to provide flexible and strong protection at the same time. Enterprises need security solutions that are designed to protect both virtualized and physical environments, also known as heterogeneous or mixed environments. They also need a solution that can be managed, provisioned and licensed in an effective way to provide optimal protection, while maintaining a strong total cost of ownership (TCO). Protecting your heterogeneous environment with security solutions designed for physical environments can leave gaps in your protection. Your mixed environment requires a set of security solutions to protect both areas uniquely, managed through a single pane of glass.

Trend Micro TippingPoint Virtual Threat Protection System (vTPS) is a powerful network security platform that offers comprehensive threat protection against attacks. It blocks vulnerabilities and exploits, and defends against known and zero-day attacks with high accuracy. It provides industry-leading coverage across the different threat vectors from hackers, malware, and phishing with extreme flexibility and high performance. The vTPS uses a combination of technologies, including but not limited to, deep packet inspection, threat reputation, and advanced malware analysis on a flow-by-flow basis—to detect and prevent attacks on the network.

### Flexible deployment scenarios

- Deploying IPS as a service in a consolidated set of virtualized infrastructure services at remote branches
- Offering an IPS service to protect virtualized applications from within your virtualized infrastructure
- Where IPS services are needed and custom hardware may not be an option
- Lab environments where virtual infrastructure can be quickly redeployed
- IPS services designed to be enforced at the network - no agent required

Features	vTPS Standard	
Supported IPS Inspection Throughput	250Mbps/500Mbps/1Gbps	250Mbps/500Mbps/1Gbps
SSL Inspection	NA	Yes
Number of logical cores	2/3	4
Memory	8GB	16GB
Disk Space	8GB	16GB
IPS Concurrent connections	1,000,000	
New connections per second	Up to 120K VMware; Up to 60K KVM	
Virtual Platform Support	VMWare ESXi 5.5, 6.0,6.5 (NSX is not required for transparent inspection and enforcement) & KVM - Redhat Enterprise Linux 6, 7	
Network Drivers	VMWare- VMNet3; KVM- virtIO	
Number of network segments	1	
Number of virtual segments	No limit	
Dedicated Management vNIC	Yes	

### Key Benefits

#### Proven in-line threat protection

#### Flexible

Embrace the software-defined network protection by deploying IPS as a service on your hardware.

#### Focused

Target network security policies precisely for the applications services and users on your network.

#### Control

Network-based security brought to the edge of every host, bringing visibility and control without impacting endpoints.

### Powered by XGen™ security

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





Trend Micro™ TippingPoint®  
**RECOMMENDED**  
99.6% Security Effectiveness

**NSS Labs 2017 NGIPS Group Test**

A LEADER

**IN GARTNER 2017 IDPS MAGIC QUADRANT**



Securing Your Journey to the Cloud

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