Trend Micro

TIPPINGPOINT® THREAT PROTECTION SYSTEM 2200T

Comprehensive network security through actionable security intelligence

The threat landscape continues to evolve, both in sophistication and in technology. This means a new security system that is both effective and flexible is needed to adapt to the dynamic nature of the landscape—one that allows you to tailor your security to meet the needs of your network. Selecting a network security platform is a critical decision because it serves as the foundation for advanced network security capabilities today, and in the future. And, given the backdrop of the changing threat landscape, the importance of network security continues to increase making it an increasingly difficult task.

Trend Micro TippingPoint Threat Protection System (TPS) is a network security platform, powered by XGen™ security, that offers comprehensive threat protection, shielding against vulnerabilities, blocking exploits, and defending against known and zero-day attacks with high accuracy.

It provides industry-leading coverage across the different threat vectors. The TPS uses a combination of technologies, like deep packet inspection, threat reputation, and advanced malware analysis, on a flow-by-flow basis to detect and prevent attacks on the network. The TPS enables enterprises to take a proactive approach to security to provide comprehensive contextual awareness and deeper analysis of network traffic. This complete contextual awareness, combined with the threat intelligence from Digital Vaccine® Labs (DVLabs) and Zero Day Initiative (ZDI) provides the visibility and agility necessary to keep pace with today's dynamic, evolving enterprise networks.

Key Benefits and Features

Neutralize known and unknown malware: Discovers and actively blocks attempts from both known and unknown malware.

Unparalleled visibility: Monitor all types of traffic including encrypted traffic to detect and mitigate attacks.

Integrated protection: The TPS series of products integrates with TippingPoint Advanced Threat Protection; rated as the most effective recommended breach detection system by NSS labs to detect and block targeted attacks and advanced threats.[1]

1 - NSS Breach Detection System Test Report-2015

Industry leading threat intelligence: Leverages the leading research team of ZDI and DVLabs for up-to-date threat coverage for your organizations assets.

Virtual patching: A powerful and scalable frontline defense mechanism that protects from known threats and relies on the vulnerability-based filters to provide an effective barrier to all attempts to exploit a particular vulnerability.

On-box SSL: On-box SSL inspection enables enterprises to reduce the security blind spots created by encrypted traffic by inspecting inbound SSL traffic on their network, automating security operations and incident response functions to block threats, and identifying and responding to sophisticated breaches that bypass traditional security defenses.

TPS2200T TECHNICAL SPECIFICATIONS

Features	2200T
IPS Inspection Throughput	1 Gbps(Base) Upgradeable to 2 Gbps
IPS + SSL Throughput	500 Mbps + 500 Mbps (1 Gbps License) **OR** 1.5 Gbps + 500 Mbps (2 Gbps License)
New SSL Connections per second	1,200
Concurrent SSL Sessions	40,000
Supported Cipher suites	1k, 2k, 4k
Latency	<100 microseconds
Security Contexts	2,500,000
Concurrent Sessions	10,000,000
New Connections per second	115,000
Form Factor	2U
Weight	26.26 lbs (11.91 Kg)
Dimensions (WxDxH)	16.77 in x 18.70 in x 3.46 in 42.60 cm x 47.50 cm x 8.80 cm
Management Ports	One out-of-band 10/100/1000 RJ-45 One RJ-45 serial console
Management Interfaces	Security Management System(SMS); Local Security Manager (LSM); Command-Line Interface (CLI)
Network Connectivity	8 x 10/100/1000 RJ-45 ports with integrated bypass support, 8 x 1G SFP, 4 x 10G SFP+, Support for external ZPHA for SFP/SFP+
On-box Storage	8 Gb solid state replaceable CFast flash
Voltage	110-240 VAC, 50-60 Hz
Current (max. fused power)	12-6 A
Power consumption	493W(1,682 BTU/hour)
Power supply	Dual, redundant hot-swappable
Operating temperature	32°F to 104°F (0°C to 40°C)
Operating relative humidity	5% to 95% non-condensing
Non-operating/storage temperature	-4°F to 158°F (-20°C to 70°C)
Non-operating/storage relative humidity	5% to 95% non-condensing
Altitude	Up to 10,000 feet(3,048m)
Safety	UL 60950-1, IEC 60950-1, EN 60950-1,CSA 22.2 60950-1 RoHS Compliance
EMC	Class A, FCC, VCCI, KC, EN55022, CISPR 22, EN55024 CISPR 24, EN61000-3-2, EN61000-3-3, CE Marking

Powered by XGen™ security

POWERED BY

XGen™
SECURITY

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

A LEADER

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TREND MICRO™

Securing Your Journey to the Cloud