

### Overview

## HP TippingPoint Threat Protection System (TPS)

### Models

HP TippingPoint 440T Threat Protection System

C1J61A

### Key features

- Proven in-line threat protection
- Flexible Next-Generation Intrusion Prevention System (IPS) / Next-Generation Firewall (NGFW) dual-persona deployment modes
- Industry-leading threat intelligence and vulnerability protection
- Maximize security investment

### Product overview

The threat landscape continues to evolve both in sophistication and in technology, this requires the need for a new security system which is both effective and flexible to the dynamic nature of the landscape and allows you to tailor your security to meet the needs of your network. The HP TippingPoint Threat Protection System (TPS) is a unique network security platform that offers comprehensive threat protection against advanced and evasive targeted attacks, blocking vulnerabilities and exploits and defending against known and zero-day attacks with high accuracy. It provides industry-leading coverage across the different threat vectors from advanced threats, malware to phishing etc. in a high performance small form factor with extreme flexibility. The TPS uses a combination of technologies—including and 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.

### Features and benefits

- **Proven in-line threat protection**  
The TPS is the evolution of the industry-leading HP TippingPoint Next-Generation Intrusion Prevention System (IPS). With a proven history of successful development and deployment of intrusion prevention since 2001, we have been focused on creating advanced network security solutions that provide proactive, in-line network protection while supporting high network performance and availability.
- **Flexible Next Generation IPS/NGFW dual-persona deployment modes**  
The TPS was built in mind with the challenges impacting security teams. One of the most compelling features is the ability to deploy the TPS based on the functionality as a next-generation IPS or a next-generation firewall, packing the two functionalities within one box. This provides operational flexibility and helps organizations maximize their investment based on their network security needs.
- **Industry-leading threat intelligence and vulnerability protection**  
The TPS platform capabilities are augmented by industry-leading threat intelligence from Digital Vaccine® Labs (DVLabs), which enables the convergence of advanced security services including IP/DNS reputation feeds, HP TippingPoint Threat Digital Vaccine® Service (ThreatDV), and geo-location based filtering. Enterprise Vulnerability Remediation (eVR) allows customers to pull in information from various vulnerability management vendors, map Common Vulnerabilities and Exposures (CVEs) to Digital Vaccine® filters, and take action based on the enhanced threat intelligence to maximize their security coverage.
- **Maximize security investment**  
One of the most critical challenges for the security teams is proactively managing the threat landscape without compromising their network's integrity. The TPS's easy-to-use policy framework along with recommended filter settings right out-of-the-box allows security teams to focus on areas of strategic importance by proactively managing their network instead of reacting to breaches.

### Technical Specifications

#### HP TippingPoint 440T Threat Protection System (C1J61A)

<b>Performance: IPS Persona</b>	<b>IPS Inspection Throughput</b>	500 Mb/s
	<b>Typical IPS Latency</b>	<100 microseconds
	<b>Security contexts</b>	750,000
	<b>Concurrent sessions</b>	1,000,000
	<b>New connections per second</b>	50,000
<b>Performance: NGFW Persona</b>	<b>Firewall + IPS Inspection Throughput</b>	500 Mb/s
	<b>IPsec VPN</b>	250 Mb/s
	<b>Maximum IPsec VPN tunnels</b>	1024
	<b>Typical latency firewall +IPS</b>	<100 microseconds
	<b>Concurrent sessions</b>	250,000
	<b>New connections per second</b>	35,000
<b>Network connectivity</b>	Eight 10/100/1000 RJ-45 ports One 10/100/100 RJ-45 high availability port	
<b>On-box storage</b>	8 GB solid state replaceable CFast flash drive	
<b>Management</b>	One out-of-band 10/100/1000 RJ-45 port or via in-band network ports (NGFW only); RJ-45 serial console port; Manageable via Security Management System (SMS), LSM HTTPS web interface, command-line	
<b>Electrical characteristics (AC)</b>	<b>Voltage</b>	100 – 240 VAC
	<b>Current (max. fused power)</b>	4 – 2 A
	<b>Frequency</b>	50 – 60 Hz
	<b>Max Power consumption</b>	250 W (853 BTU/hour)
		Single fixed power supply
<b>Physical characteristics (unpackaged)</b>	<b>Dimensions</b>	1.73 in. (H) x 16.78 in. (W) x 17.72 in. (D) (4.40 cm x 42.62 cm x 45.00 cm)
	<b>Weight</b>	15.28 lb (6.93 kg)
	<b>Rack units</b>	1U
	Includes mounting hardware for 2 post front, 2 post mid, or 4 post mounting	
<b>Environment</b>	<b>Operating temperature</b>	32°F to 104°F (0°C to 40°C)
	<b>Operating relative humidity</b>	5% to 95% non-condensing
	<b>Non-operating/storage temperature</b>	-4°F to 158°F (-20°C to 70°C)
	<b>Non-operating/storage relative humidity</b>	5% to 95% non-condensing
	<b>Altitude</b>	Up to 10,000 feet (3,048 m)
<b>Safety</b>	UL 60950-1, IEC 60950-1 EN 60950-1, CSA 22.2 60950-1 RoHS Compliance	
<b>EMC</b>	Class A, FCC ,VCCI ,KC EN 55022, CISPR 22, EN 55024 CISPR 24 ,EN 61000-3-2 EN 61000-3-3, CE Marking	

### Summary of Changes

Date	Version History	Action	Description of Change:
26-Jun-2015	From Version 2 to 3	Changed	Summary of Changes wording was changed
19-Jun-2015	From Version 1 to 2	Changed	Terms changed on Overview and format changes

© Copyright 2015 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.