



## News Advisory

# HP Unifies Network Security Detection to Identify, Contain and Neutralize “Patient Zero” Infections

New offering brings together static, dynamic and behavioral detection techniques with enforcement tools to provide increased protection against advanced threats

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WASHINGTON, Sept. 9, 2014 — HP today introduced the [HP TippingPoint Advanced Threat Appliance \(ATA\)](#) product family, bringing together a comprehensive set of network enforcement capabilities to detect, act upon and mitigate advanced [network security](#) threats using static, dynamic and behavioral detection techniques.

Nearly 90 percent of targeted attacks successfully breaking through the network perimeter,<sup>(1)</sup> which means it's critical for network and security professionals to take a more active approach to detecting and mitigating threats in real time. Attacks that succeed in infiltrating the network, whether cleverly hidden in a payload or via a mobile download, are inevitable. Employing a rich set of automated blocking techniques combined with advanced threat detection and analysis, the new HP solution set provides organizations with enhanced defense against initial “patient zero” infection and subsequent lateral spread.

The HP TippingPoint ATA product family will have the ability to detect unknown threats at or immediately after the initial point of infection to neutralize patient zero. Using static and dynamic technologies, this new family of products observes the suspicious behavior of malware as it runs in a safe, sandboxed environment. In the event that malware infiltrates the network, the detection technology can identify suspicious network behavior of the infected machine.

*“In an adversarial climate where every second matters, organizations need a simple, effective, and reliable solution equipped to defend against the advanced threats facing enterprise networks,” said Rob Greer, vice president and general manager, TippingPoint, Enterprise Security Products, HP. “With the new HP TippingPoint Advanced Threat Appliance family of products, we will provide customers with a single, integrated solution for detection and enforcement that identifies malware through static, dynamic and behavioral techniques to block and neutralize threats before it's too late.”*

The industry-leading [HP Tipping Point Next-Generation Intrusion Prevention System \(NGIPS\)](#) with the [HP TippingPoint Next-Generation Firewall \(NGFW\)](#) and [HP TippingPoint](#)

Security Management System (SMS) allow organizations to quickly block threats from further infiltration and lateral spread across the network—and use the security intelligence gained to block future attacks. The new HP TippingPoint ATA family of products will combine these advanced threat capabilities with the filter writing expertise of HP TippingPoint Digital Vaccine (DV) Labs to further strengthen protection.

When a threat is detected by the new HP TippingPoint ATA family of products, the information is passed to the SMS, which will coordinate an enterprisewide response based on the new threat intelligence combined with HP IPS and HP NGFW security enforcement policies. IPS security policy context and tuning can be easily optimized for the network using vulnerability assessment results from partners such as Qualys, Rapid7 and Tenable Network Security (Nessus). The HP SMS analyzes traffic flow data to detect anomalies such as DDoS and data exfiltration. Finally, identifying the user, domain and machine that is involved in a security incident becomes easier than ever with this context made available directly in the SMS reporting and forensics user interface, which is also integrated with HP ArcSight SIEM solutions.

Once the patient zero has been identified, the organization can take action to stop the lateral sprawl of the infection. The HP SMS does this by communicating with the HP NGIPS and HP NGFW in real time to block the new threat. By leveraging security intelligence from HP TippingPoint Threat Digital Vaccine (ThreatDV), a reputation database with malware filters, organizations can identify mobile threats and defend against known vulnerabilities.

*“Students and faculty freely pursue their academic interests and research on our University’s network, so we needed a solution that would protect the network and address security concerns such as student downloads and peer-to-peer file sharing,” said Dave Neild, network development service leader, Leeds University. “HP TippingPoint’s enhanced ThreatDV solution enabled us to identify and interrupt Trojan and CnC activity within the first day of implementation—preventing what could have been a serious threat to our network and its users.”*

HP is also announcing the expansion of its HP TippingPoint Advanced Threat API program with the addition of AhnLab, who joins Blue Coat, Damballa, Lastline and Trend Micro. The HP TippingPoint API program allows customers to leverage their existing advanced threat investments by integrating with HP TippingPoint products to block threats discovered by ATA partners.

### **Pricing and availability**

- HP TippingPoint Advanced Threat Appliance – Network will be available in early 2015 for a starting price of \$30,995.
- HP TippingPoint Advanced Threat Appliance – Mail will be available in early 2015 for a starting price of \$14,995, plus \$32.50 per user.

Additional information about network security solutions from HP TippingPoint is available at [www.hp.com/go/tippingpoint](http://www.hp.com/go/tippingpoint) and [www.hp.com/go/ata](http://www.hp.com/go/ata), and additional information about HP Enterprise Security Products at [www.hpenterprisesecurity.com](http://www.hpenterprisesecurity.com).

HP's annual enterprise security user conference, HP Protect, is taking place this week from September 8-11 in Washington, D.C. Follow HP Security on Twitter @HPsecurity, and keep up with event happenings by following the event hashtag, #HPProtect.

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