



## News Advisory

# HP Next Generation Intrusion Prevention System Secures Enterprises' Complex IT Environments

New platform provides scalable network protection against advanced threats and cyberattacks

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PALO ALTO, Calif., Sept. 10, 2012 — HP today announced the [HP TippingPoint NX Platform](#) Next Generation Intrusion Prevention System (NGIPS) product line, designed to protect enterprise networks, applications and data from today's aggressive, advanced threats.

As enterprises adopt complex IT environments, that enable cloud computing, virtualization and mobility, the attack surfaces expand exponentially. To reduce the risk of falling victim to costly, disruptive attacks, organizations need comprehensive network security that covers critical endpoints throughout the enterprise.

*"The security landscape is becoming more complex, where attacks come in many forms bundled together working as one, forcing enterprises to rethink their traditional defense strategies," says Greg Adams, vice president, Enterprise Security Products, HP. "With the new HP NX NGIPS platform, organizations can address these challenges with an adaptive, high-performance solution that can seamlessly works with a host of other defenses to protect against sophisticated threats."*

The industry analyst firm Gartner has previously advised organizations on the importance of selecting a vendor that offers NGIPS, stating: "*Threats continue to advance, and network security defenses must evolve to become effective against advanced targeted threats.*"<sup>(1)</sup>

Designed for enterprise, data center and network protection, the HP NX NGIPS platform provides enterprises and service providers with in-line, real-time protection across critical networks. By adding significant capacity for deep packet traffic inspection, the platform delivers vulnerability protection across major endpoints including: network devices, virtual machines, operating systems, and business-critical applications. As with all HP IPS solutions, leading research from [HP TippingPoint DV Labs](#), [HP Reputation Digital Vaccine](#) and the [Zero Day Initiative](#) are leveraged to keep protections current.

### **Modular architecture increases protection**

The HP NX NGIPS platform is powered by X-Armour Technology, a new modular software architecture designed to adapt automatically to threats as they are discovered, updating

protections every two hours. The architecture has several core services that provide flexible deployment options, in-line network deployment and traffic optimization. The new NGIPS offers a broad range of benefits, including:

- **Botnet Mitigation**: Identifies and blocks communications with botnet command and control centers, helping to prevent infection spread as well as activation.
- **Malware Protection**: Custom policy creation enables clients to block users from visiting malware-infected websites, thereby decreasing instances of infection.
- **Web Application Security**: Creates a virtual patch for vulnerabilities found in web applications through the [HP Web Application Digital Vaccine Service \(WebAppDV\)](#) integration, providing protection until the application code itself can be fixed.
- **Application Awareness and Control**: Gives visibility and ability to control the usage of user-deployed applications, such as social networking and online gaming, through the HP Application Digital Vaccine (AppDV).
- **Custom Security**: Extends attack protection by allowing for the creation of custom filters to protect vertical, custom or legacy applications through the [HP Digital Vaccine Toolkit](#).

### **Flexible design reduces device footprint**

The HP NX NGIPS platform provides a simple, modular approach for supporting the highest port density on the market today, scaling from 16 segments of 10GbE, four segments of 40GbE, or 24 segments of 1GbE, in only two rack units. Customers can simply swap plug-and-play modules to accommodate a variety of network speeds, without needing to add additional hardware, keeping the footprint consistent regardless of changes to network configuration. This also allows organizations to save rack space and maintain consistent power consumption and cooling costs.

The HP NX NGIPS is a key component of the [HP Security Intelligence and Risk Management \(SIRM\) platform](#), which includes market-leading solutions from HP ArcSight, HP TippingPoint and HP Fortify, to bridge the gap between security and IT operations, helping organizations to move beyond deployment of bolted-on, single-purpose security products.

### **Pricing and availability<sup>(2)</sup>**

The HP [S7100NX](#) and HP [S5200NX](#) are the first two models based on the new HP NX NGIPS platform.

- The HP S7100NX, which scales up to 13 Gb/s inspection throughput and 100 Gb/s network throughput, is available for \$249,995.
- The HP S5200NX, which scales up to 5 Gb/s inspection throughput and 40 Gb/s network throughput, is available for \$179,995.

Additional information is available at <http://www.hpenterprisesecurity.com/products/hp-tippingpoint-network-security/>.

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(1) Source: Gartner, "Defining Next-Generation Network Intrusion Prevention," 7 October 2011. ID:G00218641  
Analyst(s): John Pescatore and Greg Young.

(2) Estimated U.S. street prices. Actual prices may vary.

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