

# Detect advanced threats that traditional defenses miss

## Managed Advanced Threat Protection Service from HPE and FireEye

Defend against targeted attacks and avoid costly breaches with 24/7 managed advanced threat protection

### Key insights

- Cybercrime continues to be costly for impacted organizations, with a global average annualized cost of \$7.7 million.<sup>1</sup>
- The median number of days for organizations to detect a breach is 146.<sup>2</sup>
- Malicious insiders are responsible for 35 percent of cyber attacks.<sup>3</sup>
- The year 2015 saw a 55 percent increase in spear-phishing campaigns.<sup>4</sup>

### Today's attackers demand a new security model

The cyber threat landscape is rapidly growing and evolving. Attacks are more sophisticated and come from highly motivated, well-funded adversaries who are focused on acquiring valuable corporate data—such as intellectual property, sensitive customer details, and insider information.

Traditional security controls no longer protect against today's targeted attackers and the broader problem of advanced malware. In 2015, enterprises spent more than \$17B<sup>5</sup> on firewalls, intrusion prevention systems, endpoint protection, and secure web/email gateways. Yet increasingly sophisticated targeted attacks continue to plague organizations.

Combating today's targeted threats and persistent adversaries necessitates a new security model—one that must work in real time and be proactive, seeking out possible enterprise weaknesses before exploitation. Organizations must have the capability to respond immediately with thorough, dynamic analysis, investigation, and remediation.

### Proactive detection stops persistent threats

Managed Advanced Threat Protection Service from HPE and FireEye combats advanced persistent threats (APT) using a layered security model that anticipates and immediately responds to any type of cyber danger.

Armed with leading advanced threat detection technology and industry best practices, HPE security experts proactively monitor network and email traffic and endpoint behavior 24/7. They detect and identify stealthy threats and zero-day malware, notify you of validated events, quickly investigate and analyze incidents, and follow up with remediation and mitigation recommendations.

Optional deep-dive investigation and analysis of critical events, and proactive hunting for signs of new network threats and adversaries provide you with greater understanding, vigilance, and insight into your organization's specific risks.

### Technology, intelligence, and expertise deliver results

To defend against today's well-funded threat actors, organizations must augment technology with extensive security expertise and global threat intelligence.

Enter Managed Advanced Threat Protection Service from HPE and FireEye, which follows this proven approach so organizations can:

- **Reduce risk**—Augmenting security controls with innovative advanced threat detection technology significantly improves threat and malware detection. And with HPE investigation and analysis services, organizations can be confident in their defenses.
- **Gain visibility**—Many organizations unknowingly have malware lurking in

<sup>1,3</sup> Ponemon Cost of Cyber Crime Study: Global, 2015

<sup>2</sup> Mandiant/FireEye M Trends, 2016 Threat Report

<sup>4</sup> Symantec 2016 Internet Security Threat Report

<sup>5</sup> Gartner Forecast Analysis: Information Security, Worldwide, 1Q16 Update

## Offering overview

compromised networks. Managed Advanced Threat Protection from HPE and FireEye gives companies the visibility they need to uncover intruders, identify infected assets, and discover gaps in security controls and processes.

- **Minimize business impact**—Managed Advanced Threat Protection Service from HPE and FireEye helps organizations reduce the risk of a security compromise and properly respond when a breach occurs. Organizations maintain customer confidence, protect brand reputation, and retain shareholder value.

## HPE works for you

- **Global security expertise**—A trusted advisor with a global footprint and unparalleled threat intelligence experience, HPE offers end-to-end managed security services.
- **Recognized security leadership**—Global research and analyst firm Ovum ranked HPE a global leader in its report, “Selecting a Managed Security Services Provider, 2016-17.”
- **Best-in-class technology**—Managed Advanced Threat Protection from HPE and FireEye uses FireEye technology and a unique intelligent platform to provide the highest levels of advanced threat and zero-day malware detection and protection.

## Special features fuel maximum protection

By deploying Managed Advanced Threat Protection Service from HPE and FireEye, you gain real-time detection and identification of compromised assets. You also get automated blocking of web, email, and file-born advanced malware.



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We offer 24/7 systems performance, availability, and health monitoring, as well as operational management services. And our security experts properly maintain, configure, and update your threat detection appliances with the latest threat information and system patches.

Upon detecting a potential compromise, HPE security experts thoroughly investigate, analyze, and contain threats and recommend remediation activities. They proactively notify you when an alert requires action. You can immediately react by quarantining affected hosts to significantly reduce or even eliminate a breach.

In the event of a severe security incident, breach, or data loss, you can quickly engage our incident response and forensics team to help you rapidly and effectively minimize the business impact.

## You achieve key benefits

- **Secure critical assets**—Scalable, 24/7 protection from targeted, advanced persistent threats (APT) and zero-day malware ensures critical assets aren't compromised and corporate data is secure.
- **Avoid costly breaches**—Minimize the risk of costly breaches and associated industry fines and penalties by proactively detecting and containing attacks.
- **Streamline operations**—Rapidly respond to, investigate, and remediate threats through automated detection and management controls and policies.
- **Gain actionable intelligence**—With full visibility of network traffic, gain greater security intelligence and insight into active threats and indicators of compromise (IOCs).

## Our expertise extends your capabilities

Hewlett Packard Enterprise helps enterprise and government clients protect what matters.

Our threat analysts engage as an extension of your cyber-security team, providing insight,

experience, and intelligence from the front lines. Here are some of our credentials:

- 1,400+ HPE Managed Security Services clients
- 10 HPE and 5 FireEye global Security Operations Centers
- 4,600+ security, compliance, and continuity professionals
- 40+ years delivering managed security services

## HPE and FireEye deliver an impenetrable defense

Through the partnership of HPE and FireEye, you benefit from unparalleled global reach with a world-class managed security service offering—one fueled by FireEye's advanced threat detection technologies and intelligence—one driven by HPE's proven methodologies, incident response expertise, and comprehensive security consulting services.

Around-the-clock monitoring and management services transform data from multiple global sources into actionable intelligence that promotes rapid responses, strengthens your security posture, and protects against targeted attacks that traditional defenses often miss.

## It all starts with next steps

Start today by scheduling a security strategy session with HPE to learn how we can help strengthen your defense against advanced persistent threats.

Learn more at  
[hpe-enterpriseforward.  
com/fightback/](https://hpe-enterpriseforward.com/fightback/)