

Preeminent Internet Corporation Protects IP and Infrastructure With Global Deployment of FireEye

Key Components

- FireEye Web Malware Protection System security appliances (14 currently deployed)
- FireEye Central Management System (CMS)

As an integral part of their everyday business lives, the company's employees are constantly visiting a vast number of websites, spread throughout the world. This behavior brings its own set of challenges.

The Senior Manager of Security Operations explained, "Without intending to do so, our employees were continually infecting their own machines and introducing malicious code into our internal infrastructure. In order to combat this we needed a solution that worked at key gateway locations to evaluate the traffic and alert us to potential threats before they had the opportunity to do harm."

A global threat needs a global solution

To provide the necessary protection the Security Manager and his colleagues researched a wide variety of possible options and ultimately elected to install multiple FireEye Web Malware Protection System appliances at strategic points across the company's worldwide

Company	Anonymous Internet Corporation
Industry	Internet, Computer software
Description	The company is one of the world's best known Internet corporations. Its Web portal, search engine, and related Web-based digital media portfolio are internationally renowned. The company's primary Web properties are among the world's most popular websites.
Challenge	Identify and deploy a security solution to address advanced threats unknowingly introduced into its internal infrastructure by company staff. With offices distributed across the globe, implementation and ongoing management activities needed to be efficient and reliable.
Solution	14 FireEye Web Malware Protection System (MPS) appliances deployed throughout the world at all major internal infrastructure egress points. Single-console operational capabilities facilitated through use of the FireEye Central Management System (CMS).
Benefits	All major gateways protected. FireEye Web MPS appliances integrated into existing security portfolio to provide coverage for staff and infrastructure located throughout the world. Ease of deployment, reliability and dependability of appliances minimize overhead, and the centralized management console facilitates streamlined operational processes.

“The FireEye Web MPS appliance is one of those components that never really gets all the credit it deserves because we have the confidence that it will do exactly what it was designed to do, and it does!”

— Senior Manager of Security Operations

office network. In addition to the North American headquarters campus, appliances have been deployed in many countries, spanning the globe.

FireEye is renowned for providing industry-leading protection against next generation threats for many of the world's highest profile companies. The portfolio of FireEye MPS appliances supplement traditional and next generation firewalls, IPS, AV, and Web gateways protecting critical data and systems against zero-day Web exploits and multi-protocol callbacks across diverse protocols.

Suspicious code modules are inspected by the multi-phase FireEye Virtual Execution (VX) engine to confirm and nullify zero-day malware and targeted attacks. Suspected malware is isolated and analyzed in a full-featured virtual execution environment to establish the exact intent and to determine the appropriate course of action.

Distance is no object

Implementing FireEye Web MPS appliances across the world has proven to be a very simple task. The Security Operations Manager observed, “Everything has been really easy and predictable. You give the device an IP address and it just works!”

Using the FireEye CMS, the company's operations team can configure, manage, and upgrade the distributed FireEye security appliances. The CMS facilitates viewing of the status for the entire group of appliances using an intuitive interface from any location.

The deployment of any piece of sophisticated equipment has the potential to create significant overhead for the team responsible for managing the implementation. However, the FireEye Web MPS appliances have proven themselves to be highly reliable. The company's Manager commented, “In the multiple years that we've had the appliances we've rarely had any need to call the FireEye support organization, but when we have, the quality and speed of response have been extremely good.

“We're still in the process of rolling out FireEye appliances to achieve 100 percent coverage of our internal infrastructure but we've already been able to dramatically reduce the number of malware infections. Every FireEye device that we've implemented immediately generates alerts, definitely giving us concern for the integrity of the locations that are not yet protected.”

“From a security perspective, having comprehensive visibility across our network is absolutely imperative. Prior to this visibility we had no idea if we were under threat and when we did find out, it was invariably too late,” reflected the Senior Manager of Security Operations. “We are all too aware of the seriousness of getting hit by a malware attack. We know that the investment we're making in FireEye appliances is money well spent!”