



FireEye and Ixia Maximizing Network Resiliency, and Redundancy for In-Line Deployment

SECURITY
REIMAGINED

INTEGRATED SOLUTION AT A GLANCE

- Gain next-generation loadbalancing capability without compromising reliability
- Easily scale deployments as needs grow while lowering TCO
- Intelligent Security automation, advanced load-balancing and scalable security solutions.
- Ixia NVS helps FireEye work at peak efficiency by filtering out unneeded protocols.
- Load balancing allows line rate FireEye protection of 10G network links, and up to 80 Gbps total threat prevention
- High Availability design improves redundancy

Deploying thread prevention inline offers greater protection compared with out of band deployments, however there can be real and perceived customer objections to deploying inline.

In today's ever changing world of network complexity and high performance cloud computing, it's no wonder that it's more challenging today than ever before to protect your business' most valuable data assets. Today, leading security professionals know that in order to deploy their next generation threat protection technologies, they need to have a robust visibility architecture to deploy with it. This ensures that no proverbial stone is left unturned and network blind spots are a thing of the past.

There is a constant battle between the network and security teams trying to maintain peak network performance while keeping the network secure. Companies often turn to Out-of-Band security solutions allowing security to analyze a copy of the network traffic. It is critical for companies to realize the need for In-Line deployment for optimal protection however, in-line security tools come with their own set of problem and are difficult to scale.

HOW THE JOINT SOLUTION WORKS

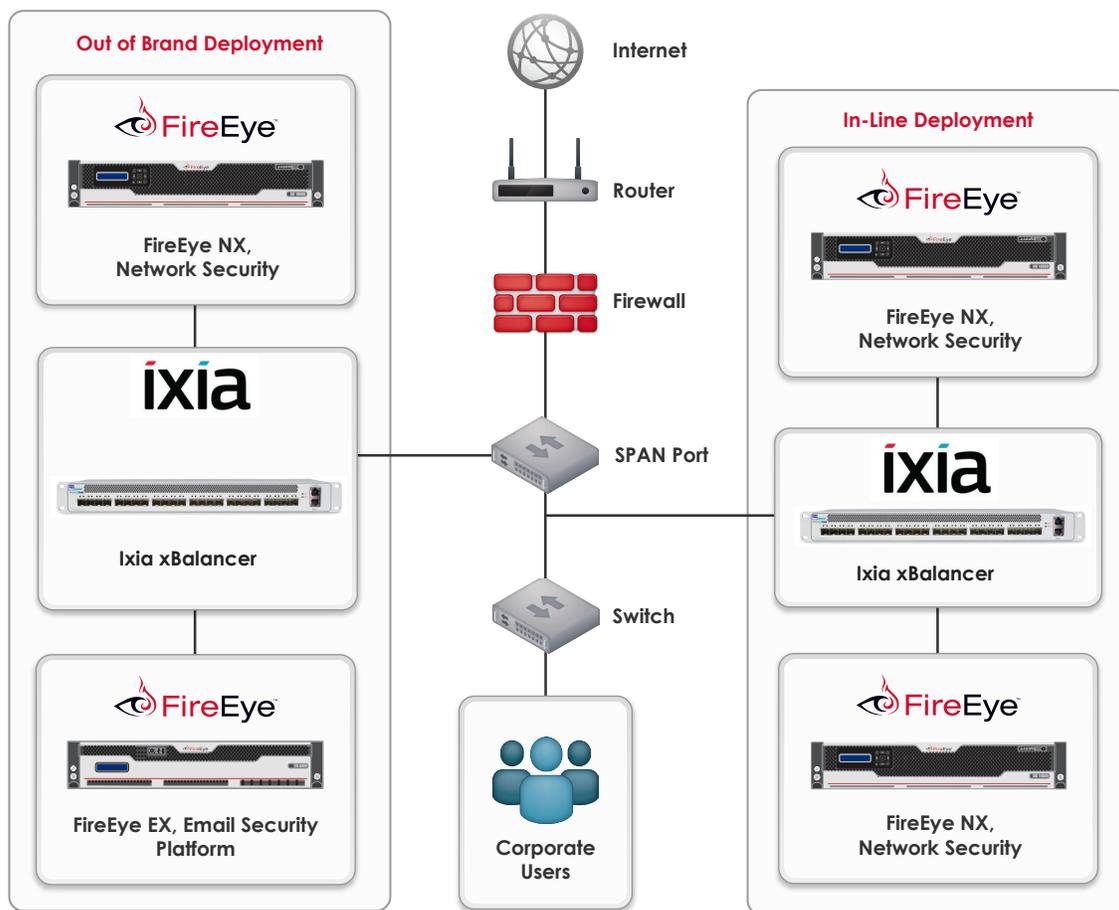
The FireEye NX platforms can be deployed in-line at Internet egress points to block Web exploits and outbound multi-protocol callbacks. Utilizing the FireEye

Multi-Vector Virtual Execution™ (MVX) engine, the FireEye NX series confirms zero-day attacks, creates real-time threat intelligence, and captures dynamic callback destinations. In monitor mode, it signals incident response mechanisms. In out-of-band, prevention mode, the FireEye NX series issues TCP resets for out-of-band blocking of TCP, UDP, or HTTP connections.

The FireEye AFO Bypass Switch with advanced Heartbeat and Link Fault Detect features allow monitoring of xBalancer's state information. A configurable heartbeat packet sent from the Bypass Switch to the xBalancer helps identify link anomalies or power failures. The Switch will immediately detect the change and will re-route traffic using Fast Path™ switching technology.

Once xBalancer is brought back on-line, traffic automatically resumes. The Ixia xBalancer is built specifically to prevent tool overburdening by distributing the traffic to multiple monitoring tools. Thus xBalancer allows customers to scale their deployments as the need grows while maintaining security. Tool health is monitored using Heartbeat packets and can proactively redirect traffic to available or spare tools in case of failure.





ABOUT FIREEYE

FireEye has invented a purpose-built, virtual machine-based security platform that provides real-time threat protection to enterprises and governments worldwide against the next generation of cyber attacks. These highly sophisticated cyber attacks easily circumvent traditional signature-based defenses, such as next-generation firewalls, IPS, anti-virus, and gateways. The FireEye Threat Prevention Platform provides real-time, dynamic threat protection without the use of signatures to protect an organization across the primary threat vectors and across the different stages of an attack life cycle. The core of the FireEye platform is a virtual execution engine, complemented by dynamic threat intelligence, to identify and block cyber attacks in real time. FireEye has over 2,500 customers across 65 countries, including over 150 of the Fortune 500.

ABOUT IXIA

Ixia develops amazing products so its customers can connect the world. Ixia helps its customers provide an always-on user experience through fast, secure delivery of dynamic connected technologies and services. Through actionable insights that accelerate and secure application and service delivery, Ixia's customers benefit from faster time to market, optimized application performance and higher quality deployments.

**FOR MORE INFORMATION, CONTACT
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