

# High Performance NX Series Solutions

Up To 10 Gbps Throughput with  
FireEye SSL Intercept Load Balancing

SOLUTIONS BRIEF

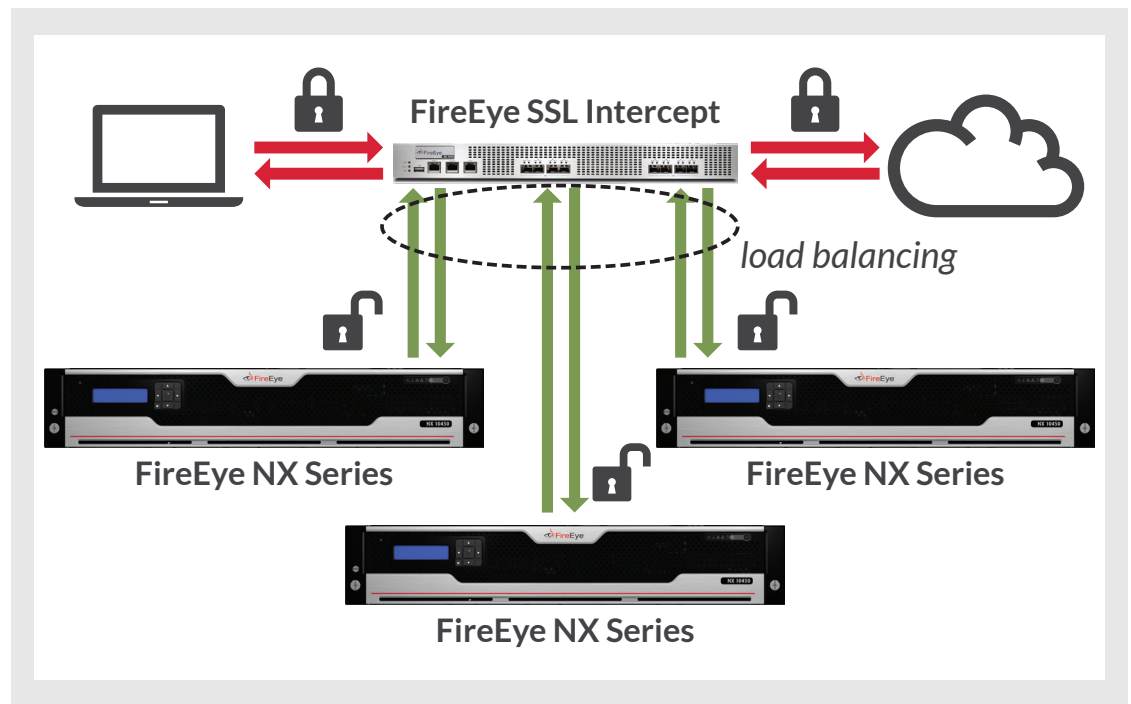
SECURITY  
REIMAGINED

## WHEN 4 GBPS IS NOT ENOUGH

FireEye NX Series products offer up to 4 Gbps inline throughput supporting up to 40,000 users. This meets the performance requirements of most large organizations. For the few that need even higher performance, the FireEye SSL Intercept appliance offers a solution. Using load balancing capability available on the FireEye SSL Intercept appliance, you can attach up to three NX Series devices for up to 10 Gbps throughput in an active inline mode. When deployed in a passive monitoring mode, you can attach two NX Series devices for up to 8 Gbps throughput.

## ACTIVE INLINE DEPLOYMENT WITH LOAD BALANCING

FireEye SSL Intercept and NX Series provide an inline deployment option to immediately block incoming exploits and malware as well as outgoing callbacks from compromised endpoints. Active inline mode provides the most immediate course of action to stop an attack. You can attach one, two, or three NX Series devices to the SSL Appliance and load balance the traffic across them.

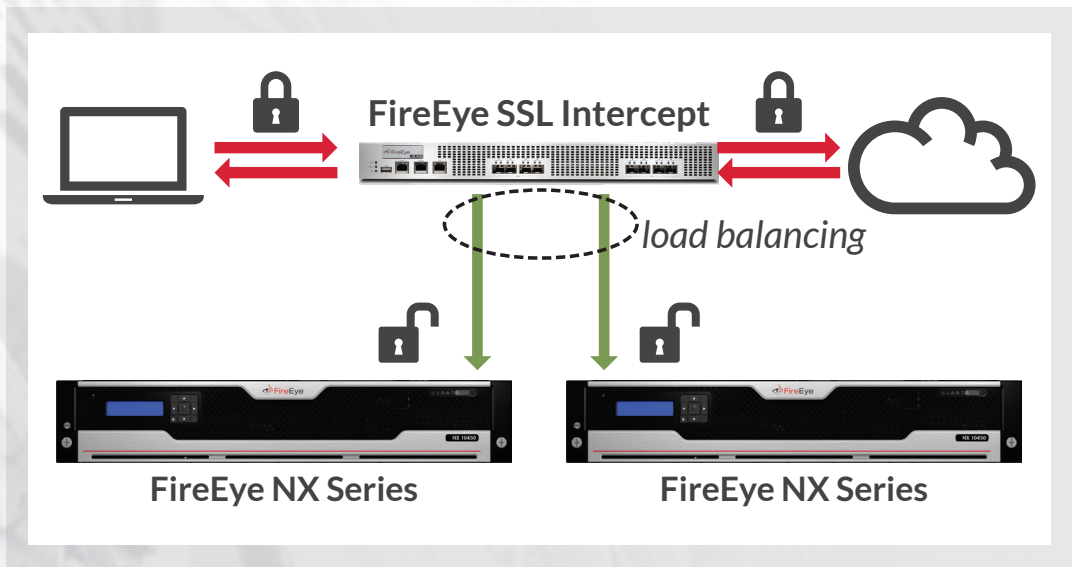


FireEye SSL Intercept with 3x NX 10450 Example in Inline Mode	
Performance	10 Gbps
Users	120,000
Concurrent IPS Sessions	6M
New IPS Connections per Second	120K/Sec
Packets per Second	360K/Sec

**PASSIVE MONITORING DEPLOYMENT WITH LOAD BALANCING**

For organization that only want to detect incoming exploits and malware, or outgoing callbacks from compromised endpoints, FireEye SSL Intercept and NX Series can be deployed in a

passive TAP mode. The FireEye SSL Intercept appliance mirrors and load balances traffic on an incoming port to a designated port connected to the NX Series devices. You can attach two NX Series devices to the SSL Appliance and load balance mirrored traffic across them.



FireEye SSL Intercept with 2x NX 10450 Example in TAP Mode	
Performance	8 Gbps
Users	80,000
Concurrent IPS Sessions	4M
New IPS Connections per Second	80K/Sec
Packets per Second	240K/Sec

The FireEye SSL Intercept and NX Series can be deployed in number of other configurations, for example as an explicit proxy. Please refer to FireEye technical documentation for additional details.