



Sourcefire - Phantom

Net Optics and Sourcefire Team Up to Deliver Full Visibility, Automation, Flexibility and Scalability for Comprehensive Threat Protection Across the Physical and Virtual Environments

The Challenge

Virtualization deployments pose challenges to network security, compliance, and performance monitoring. Investing in costly new virtualization-specific tools can forfeit some of the economic benefits and cost-savings. The Phantom Virtualization Tap™ is a solution, which allows an organization to use its existing Sourcefire NGIPS and increase value and ROI by monitoring both physical and virtual servers.

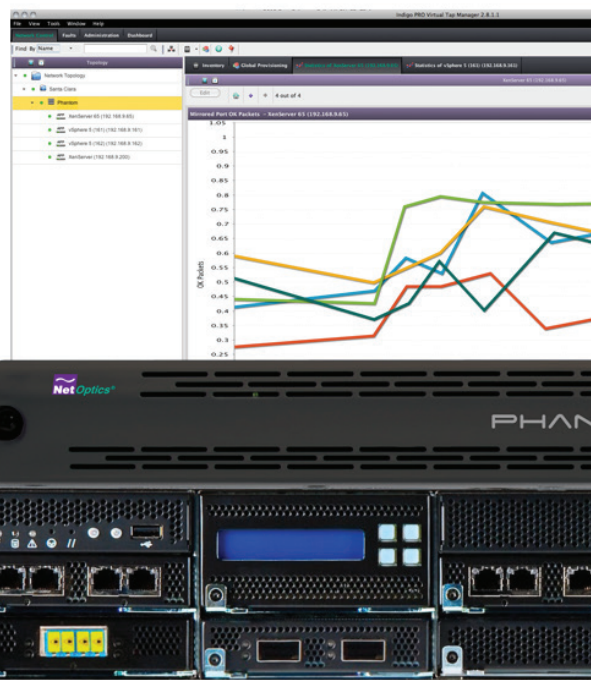
The Solution

The Sourcefire and Net Optics joint solution consists of the Sourcefire NextGen™ IPS, working with the Net Optics Phantom Virtualization Tap and the Phantom HD high-throughput tunneling appliance.

Now, with this advanced solution, Net Optics and Sourcefire customers can be confident that their virtual data centers retain total visibility of inter-VM (east-west) traffic. The Phantom Virtualization Tap is a VMsafe, kernel module that gives customers the ability to export traffic of interest from their virtual machines back onto their Sourcefire security appliances.

The Phantom Virtualization Tap provides 100 percent visibility of virtual network traffic, including inter-VM traffic on hypervisor stacks. Phantom supports the industry's leading hypervisors, including Xen, Oracle VM, vSphere 5, Hyper-V. Phantom can replicate all traffic within the virtual switch, apply smart TapFlow™ filtering, and send traffic of interest directly to Sourcefire IPS devices.

Phantom HD™ is the leading-edge solution that bridges physical and virtual networks for total visibility, security and control. Phantom HD speeds traffic of interest across sites, locations, devices, the cloud and providers at 10



Solution Highlights

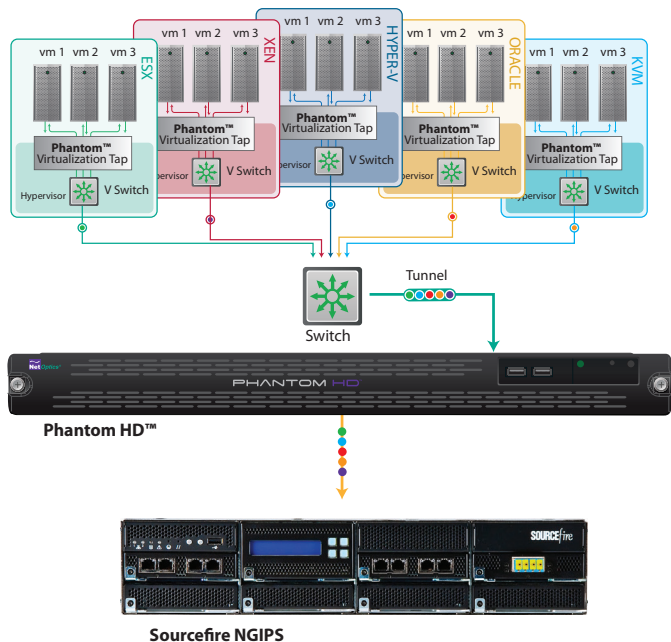
- Captures data passing between virtual machines (VMs) and sends traffic of interest to physical monitoring tools
- Supports all major hypervisors, including Xen, Oracle VM, vSphere 5, KVM, and Hyper-V
- Supports advanced threat protection and real-time awareness of event data related to IT environment—applications, users, devices, operating systems, processes, files and more
- Enhances the ability to keep pace with changing environments
- Drives unparalleled performance, scalability and low latency
- Defeats malware across the network with detection/blocking, continuous analysis and retrospective alerting

Gbps, offering a single aggregation point for inspecting both virtual and physical network traffic.

The Sourcefire Nextgen IPS solutions are based on the core competencies of contextual awareness and automation. Intelligent Security Automation capability enables automated event impact assessment, NGIPS policy tuning, policy management, network behavior analysis,

and user identification to protect the network in today's rapidly changing environments. This real-time awareness and threat protection support the security needs of today's networks.

Sourcefire NGIPS, Phantom Virtualization Tap, & Phantom HD combine to eliminate the vulnerable security "blind spot" that emerges when consolidating servers into a virtualized computing environment.



The Phantom tap is deployed in any number of virtual environments to capture inter-vm (east west) traffic. That encapsulated traffic is then sent to the Phantom HD tunneling appliance which decapsulates the GRE header. This traffic can now be inspected by the SourceFire NGIPS for complete security in virtual environment.

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.

Sourcefire

Sourcefire delivers on the vision of Agile Security™, fueled by the Sourcefire FirePOWER™ performance platform and sophisticated Sourcefire FireSIGHT network intelligence. The Sourcefire vision—Security for the Real World—is not only grounded in its history, but propels the company, and industry, forward. Focused on its mission to be the leader in intelligent cybersecurity solutions, Sourcefire is transforming the way Global 2000 organizations and government agencies manage and minimize network security risks. With solutions from a next-generation network security platform to advanced malware protection, Sourcefire provides customers with Agile Security that is as dynamic as the real world it protects and the attackers against which it defends.

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