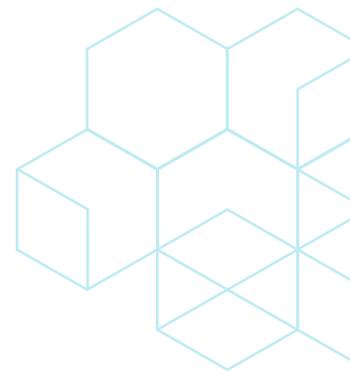
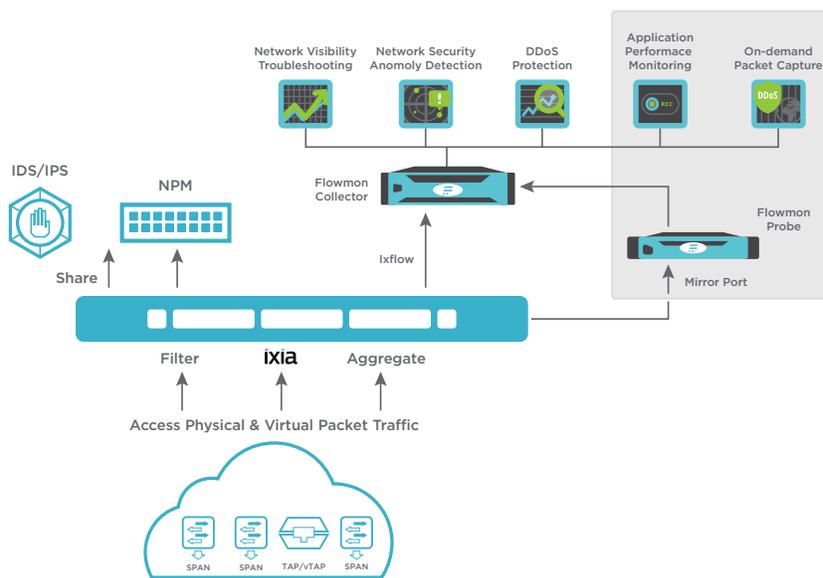




Flowmon + Ixia: Driving Network Visibility

HIGHLIGHTS

Flowmon provides a network, anomaly, and security analytics solution, leveraging flow data, which helps enable a fast, reliable and well secured network for any organization. Ixia Network Visibility Solution (NVS) complements Flowmon by generating enriched flow data (IxFlow) from across the data center and sending it to Flowmon for analysis. Ixia turns packets into insights, via deep packet inspection of application, user device, and other flow details. Ixia's Network Visibility Solution also allows data to be shared with customers' other analysis tools, protecting legacy investments.



SOLUTION

Ixia Network Visibility Solution (NVS), combined with the Flowmon network, anomaly and security analytics solution, help ensure a reliable and secure network for any organization. The Flowmon solution integrates flow-based monitoring and network behavior analysis (NBA), providing the ideal solution in assisting network and security administrators to manage, fix, optimize and secure the network. To make the most of its powerful analytics capabilities, Flowmon requires access to netflow/IPFIX records from network segments across the physical and virtual data center(s) – that is where Ixia comes in.

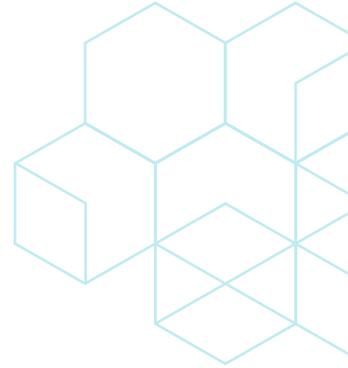
Ixia NVS provides tap points across all physical and virtual access points in the customer data center, and enables an aggregated feed of flow data to Flowmon. As part of NVS Ixia also uses deep packet inspection to identify application, and device details, then exports those enriched IPFIX flow records (called Ixia IxFlow) to Flowmon for analysis. For example, IxFlow exports HTTP details, not available in traditional Netflow/IPFIX, which Flowmon uses to help organizations identify communication with suspicious or blacklisted domains.

The combined solution allows administrators to identify the users, devices, networks and applications that generate undesirable traffic or security threats. Armed with reliable and accurate information, IT can isolate and remove unwanted behaviors. Ixia NVS can share packet data with Flowmon Probe, which performs network-based Application Performance Monitoring or on-demand full packet capture. Ixia NVS can also share traffic with other tools, so that the customer can maintain their investment in legacy tools, in addition to leveraging the powerful capabilities of Flowmon.

JOINT SOLUTION BENEFITS

- Efficiently get access to all data needed for analysis, without burdening production network devices
- Share data between Flowmon and other tools without the need for standalone collection probes
- Deep packet inspection for rich application information and device details
- Identify & isolate network performance concerns, security anomalies & suspicious behaviors
- Enable bandwidth & user monitoring, and capacity planning, to remove bottlenecks
- Gain access to data from both physical and virtual networks, thus avoiding monitoring blind spots

“The Flowmon solution integrates flow-based monitoring and network behavior analysis”



IXIA'S NETWORK VISIBILITY SOLUTION

Ixia NVS complements the Flowmon solution by providing access to all needed network traffic from across data centers. Ixia NVS sits between access points in the physical and virtual infrastructure that require monitoring and tools such as Flowmon which need to analyze that data. Ixia NVS simultaneously aggregates traffic from multiple SPANs, taps, and virtual taps in the network, and directs the corresponding flow, packet, and metadata to tools for analysis. This approach provides efficient access to traffic across large heterogeneous networks. In the case of Flowmon, Ixia exports the data as enriched IPFIX (IxFlow) to Flowmon for analysis, without burdening performance of production network devices or requiring standalone collection probes.

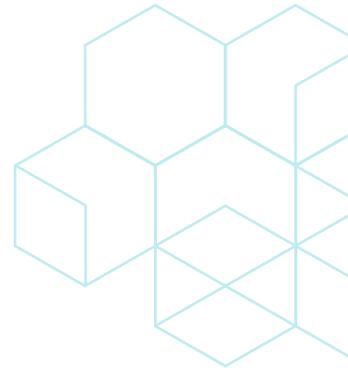
Ixia NVS also allows for the sharing of traffic with multiple monitoring tools. This capability eliminates the SPAN/tap shortages that occur when another tool probe is attached to a needed access point. Flowmon can get access to all the data it needs, without compromising customer investment in legacy tools. Since different tools may not need to monitor the same traffic, Ixia has filtering capability to send only the traffic needed for analysis. Ixia NVS graphical user interface (GUI) makes it easy to set up and use. You can quickly make connections between Ixia and Flowmon to send the data needed for analysis. Furthermore, data collection can be automated via Ixia Alerts and API.

FLOWMON SOLUTION

Performance issues, unavailability of critical applications, security breaches - all of that can cause financial loss, reputation damage, employee dissatisfaction and churn of customers. Flowmon's solution provides IT operations with a deep understanding of network and application behavior to avoid these situations. Based on performance, scalability and ease of use, Flowmon is trusted by companies globally delivering them monitoring, diagnostics and analytics for optimizing performance of their infrastructure. With Network Behavior Analysis included, Flowmon also helps to eliminate suspicious activities, attacks and advanced threats that bypass traditional security solutions.

Flowmon is a comprehensive platform for flow-based (NetFlow/IPFIX) network monitoring and security. The solution includes everything needed to get complete network traffic visibility and analysis: high-performance flow statistics for the monitoring of all types of networks, powerful collectors to display and analyze network traffic, and modules for advanced functions: behavior analysis and anomaly detection (Flowmon ADS) and DDoS protection (DDoS Defender). Ixia complements Flowmon by providing it access to aggregated flow data from many physical and virtual network segments from across the data center(s).

“Ixia NVS complements the Flowmon solution by providing access to all needed network traffic from across data centers.”



In addition, providing access to traffic data for dedicated Flowmon Probes moves the solution beyond flow technology enabling broad L7 visibility, HTTP/HTTPS application performance monitoring (Flowmon APM) and on-demand full packet capture (Flowmon Traffic Recorder).

ABOUT FLOWMON NETWORKS

Flowmon Networks empowers businesses to manage and secure their computer networks confidently. Through our high performance network monitoring technology and behavior analytics, IT pros worldwide benefit from absolute network traffic visibility to enhance network & application performance and deal with modern cyber threats.

ABOUT IXIA

Ixia delivers a powerful combination of innovative solutions and trusted insight to support network and security infrastructures from concept to operation. Whether you are preparing a product for launch, deploying a service or application, or managing performance in operation, we offer an extensive array of solutions in testing, visibility, and security—all in one place. Our solutions are used worldwide to validate network functions, test the integrity of security infrastructures, and deliver an end-to-end view of the network. The result: stronger applications, better performance, increased security resilience, happier customers, and maximum ROI.



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