LIVEACTION + IXIA: INCREASE YOUR NETWORK, APPLICATION, AND SECURITY VISIBILITY

Using deep packet inspection (DPI) data and enhanced netflow records from Ixia’s network visibility solutions, the LiveAction monitoring, visualization, and analysis tool allows rich reporting and troubleshooting of applications, users and devices from geographies across the network.

HIGHLIGHTS

LiveAction is an application-aware network performance management tool that helps simplify the complexity of monitoring and analyzing networked applications, and provides end-to-end vision of your network. Ixia network visibility solution complements LiveAction by performing deep packet inspection (DPI) and delivering corresponding enhanced netflow (IxFlow) records to LiveAction for analysis. Ixia’s rich application classification, geo-location, and user device data combined with LiveAction’s innovative visualization display, and real-time big data analytics simplifies application, network, and security reporting and troubleshooting.

JOINT SOLUTION BENEFITS

• Deep packet inspection for rich application classification, geo-location and device details
• Efficiently get access to all the enterprise traffic needed for analysis
• Reporting on which users, applications, and device types generate excessive traffic.
• Innovative visualization and real-time big data analytics for faster troubleshooting of application performance and cyber security threats.
• Share data between LiveAction, and other tools to protect customer’s legacy investments
SOLUTION

Ixia’s network visibility solution, combined with LiveAction’s Application Aware Network Performance Management, provides the effective visibility and smart analysis that customers need to meet today’s real IT challenges. Ixia’s solution provides tap access across all physical and virtual points in the customer data center, and enables customized feeds of monitoring data to analysis tools. As part of Ixia’s visibility solution, the Application Threat Intelligence (ATI) Processor uses deep packet inspection to classify the layer 7 applications as well as the geographic details and operating system of the devices on the network. Using Ixia’s enhanced netflow (IxFlow), these details are exported in IPFIX to LiveAction, which is capable of reporting on these unique details in a rich variety of visualization formats. The combined solution allows administrators to identify the users, device types, operating systems and applications that generate excessive traffic or security threats, and to isolate the data based on geographic domain. Armed with reliable and accurate real time big data analytics, IT can quickly isolate and correct unwanted issues. Ixia’s network visibility solution can also share data, so that the customer can maintain their investment in legacy tools, in addition to leveraging the powerful capabilities of LiveAction.

IXIA’S NETWORK VISIBILITY SOLUTIONS OPTIMIZE DATA ACCESS

Ixia’s network visibility solution complements the LiveAction solution by providing access to all needed network traffic. Ixia solution sits between access points in the physical and virtual infrastructure that require monitoring and tools such as LiveAction which need to analyze that data. Ixia visibility solution 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 LiveAction, Ixia exports the data as enhanced netflow (IxFlow) to LiveAction for analysis.

Ixia’s network visibility solution also allows for the sharing of traffic with multiple monitoring tools. This capability eliminates the SPAN/tap shortages that occur when another tool is attached to a needed access point. LiveAction 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. The solution’s graphical user interface (GUI) makes it easy to set up and use. You can quickly make connections between Ixia and LiveAction to send the data needed for visualization and analysis. Furthermore data collection can be automated via Ixia Alerts and API.
LIVEACTION APPLICATION-AWARE NETWORK PERFORMANCE MANAGEMENT

LiveAction’s application aware network performance management software provides smart and effective solutions to today’s real IT challenges, specifically in the area of application performance. LiveAction provides a deep understanding of application traffic with end-to-end flow visibility and topologies, allowing effective root cause analysis with guided workflows and in-depth visibility of application-level performance. Furthermore, LiveAction’s cyber security analytics are very effective at detecting and helping to remove unauthorized and malicious traffic from the network. LiveAction’s reporting and visualization also provides vital insights into bandwidth management, capacity planning, QoS validation, and voice/video optimization.

LiveAction is a scalable flexible solution whose realtime big data analytics can leverage data from a variety of sources, including IxFlow records from Ixia Network Visibility Solutions.

ABOUT IXIA’S NETWORK VISIBILITY SOLUTIONS

Ixia’s network visibility solutions provide complete network visibility into physical and virtual networks, improves network security and optimizes monitoring tool performance. Ixia solutions ensure that each monitoring tool gets exactly the right data needed for analysis. This improves the way you manage your data center and maximizes return on investment. Our customers include large enterprises, service providers, educational institutions and government agencies.

For additional information: http://www.ixiacom.com/solutions/network-visibility/

ABOUT LIVEACTION

LiveAction is an application centric software company combining network and application performance management with powerful visualization, analytics and control. Initially developed to aid the US Department of Defense in the operation of its networks, LiveAction’s software includes an innovative and interactive visual display with real-time big data analytics and deep control of network hardware. LiveAction is simplifying the network enabling easy troubleshooting with QoS control and WAN functionality developed through engineering partnerships with Cisco Systems.

Learn more at http://liveaction.com
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 for 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 networks, better performance, increased security resilience, happier customers, and maximum ROI.