IXIA + DYNATRACE: MONITOR PHYSICAL AND VIRTUAL NETWORKS OF ANY SIZE

THE JOINT SOLUTION

To optimize the user experience, you need to see what users see. The Data Center Real User Monitor (DC RUM) from Dynatrace equips network operators to analyze data needed to manage and optimize transactions through the web, application, and database tiers. Ixia’s network visibility architecture assures DC RUM of complete access to all needed physical and virtual infrastructure traffic.

The joint solution provides complete visibility into network traffic in a highly scalable, easy-to-deploy system.

DYNATRACE OPTIMIZES APM

DC RUM is a key part of the Dynatrace Application Performance Management (APM) suite, the industry’s leading solution for optimizing the performance of web, non-web, mobile, streaming, and cloud applications. Driven by the end-user experience, this new generation of application performance management provides the only unified coverage of the entire application delivery chain—from the user, through the cloud, to the data center. Dynatrace offers the deepest 24X7 application visibility by tracing every transaction in production from user-click to code-line.

The most comprehensive APM cloud solution available, Dynatrace uniquely provides APM for mobile web and native applications. As the only life cycle-oriented APM solution, it provides a common system for production personnel, application developers and test engineers.
IXIA DELIVERS EFFICIENT ACCESS TO DATA

Ixia Network Packet Brokers (NPBs) sit between access points in the network that require monitoring and the Dynatrace DC RUM, simultaneously aggregating traffic from multiple SPANs and taps and directing corresponding packets and Netflow records to DC RUM for analysis. Traffic is aggregated from all needed access points in the physical and virtual network for comprehensive visibility.

Ixia complements Dynatrace DC RUM by:

- Allowing traffic from a single network access point to be shared with multiple monitoring tools. Doing so mitigates SPAN/tap shortages that occur as multiple tool attach to an access point;
- Filtering out unneeded traffic and removing duplicate packets;
- Providing access to all needed physical and virtual network traffic;
- Enabling efficient access to asymmetric traffic across large heterogeneous networks;
- Improving tool utilization by filtering out traffic not needed for analysis;
- Load-balancing traffic across multiple DC RUM input ports or devices;
- Allowing filters to be tightened dynamically to ensure key transactions are analyzed as traffic spikes;
- Redirecting traffic among multiple DC RUM devices on a network to provide high availability.
ABOUT DYNATRACE

Dynatrace helps you deliver at the moment it counts. And today, every digital moment and every touch point is vital to your business. Revenue, loyalty and brand image hinge on application performance, and Dynatrace gives you the application insights you need to achieve digital success. For more information, visit www.dynatrace.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.