CA+ IXIA: COMPLETE VISIBILITY FOR APPLICATION AND NETWORK PERFORMANCE MANAGEMENT

Monitor networks of any size

SOLUTION

The Ixia Net Tool Optimizer® (NTO) and CA Application Performance Management (APM) solution work together to capture and analyze network traffic in a scalable solution that accurately and efficiently monitors networks of any size. The Ixia NTO passively directs out-of-band network traffic from multiple access points (SPANs or TAPs) in the network to the CA APM solution for analysis. Traffic is aggregated from all needed access points in the network to provide comprehensive visibility.

The CA APM and Application Delivery Analysis (ADA) solutions enable IT teams to deliver effective services to their customers and helps them ensure that business transactions are successfully completed with a high degree of success. In addition, stakeholders can be better assured that service levels are met and business objectives are achieved because they have the right information that they need to make the right decisions – both IT-level metrics and business terminology metrics.

HIGHLIGHTS

The CA Application and Network Performance Management solutions manage the performance and availability of business-critical applications, transactions and services as well as the end-user experience of customers that access your online services.
The Ixia NTO complements the CA solution by extending access to all needed network traffic. The joint solution provides complete visibility into network traffic in a highly scalable, easy to deploy system.

**JOINT SOLUTION BENEFITS**

- **Full network visibility** – The Ixia NTO delivers all required traffic from anywhere in the network to the CA APM and Application Delivery Analysis (ADA) systems. All traffic – 100 percent – can be monitored and analyzed.
- **Simplified deployment** – The solution is flexible enough to work in any network environment and can share access with deployed monitoring and security tools.
- **Easily scalable** – Additional 1G, 10G, 40G or 100G ports can be added as needed and filters dynamically adjusted to meet bandwidth requirements.
- **High availability** – Automatically direct traffic as needed to other CA APM, Application Delivery Analysis (ADA) and GigaStor appliances.

**CA APPLICATION PERFORMANCE MANAGEMENT SOLUTION**

CA APM allows you to monitor, analyze and report on transactions throughout your IT environment whether physical, virtual or in the cloud so you can quickly identify issues and resolve problems before they disrupt critical services. Innovative transaction performance management capabilities also let you prioritize problem resolution according to business impact.

With CA APM, you have more control of your externally and internally facing business services, making it easier to reduce downtime, improve end-user experience and ultimately capitalize on business objectives.

**IXIA NTO EFFICIENTLY AND FLEXIBLY DIRECTS TRAFFIC TO THE CA APM SYSTEM AND OTHER MONITORING APPLIANCES**

The Ixia NTO complements the CA APM and ADA solutions by providing access to all needed network traffic. The NTO sits between access points in the network that require monitoring and the CA appliances. The NTO simultaneously aggregates traffic from multiple SPAN ports/TAPs in the network and directs it to the CA system. This approach provides efficient access to asymmetric traffic across large heterogeneous networks. Traffic that does not need to be analyzed can be filtered out by the NTO prior to consuming resources on the CA APM and ADA appliances.
The Ixia NTO allows for the sharing of traffic from a network access point with multiple monitoring tools. This capability eliminates the common SPAN/TAP shortages that occur when another tool is attached to a needed access point. Additionally, by removing duplicate packets, the Ixia NTO can enhance the throughput capacity. The NTO’s automation capability easily works with the CA APM and ADA systems for a range of applications that include the following examples:

- Load-balancing traffic across multiple CA APM input ports
- Dynamically tightening filters as needed to ensure that key transactions are always analyzed when total traffic spikes over 10Gbps
- Redirecting traffic among multiple CA appliances on a network to provide high availability

An intuitive control panel makes the Ixia NTO easy to set up and use. Simply drag-and-drop a virtual connection between SPANs/TAPs and the CA product to make a live connection.

ABOUT CA TECHNOLOGIES

CA Technologies (NASDAQ: CA) is an IT management software and solutions company with expertise across all IT environments – from mainframe and distributed, to virtual and cloud. CA Technologies manages and secures IT environments and enables customers to deliver more flexible IT services. CA Technologies innovative products and services provide the insight and control essential for IT organizations to power business agility. The majority of the Global Fortune 500 relies on CA Technologies to manage evolving IT ecosystems. [www.ca.com](http://www.ca.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.