



IXIA VALIDATES INDUSTRY'S HIGHEST-DENSITY 10GBASE-T DATA CENTER SWITCH

Authenticates Arista Network's 48-Port Low Latency and High Throughput Switch

CALABASAS CA, May 18th, 2009 – [Ixia](#) (NASDAQ: XXIA), a leading, global provider of **IP performance test** systems, today announced the availability of the world's highest density **10GBASE-T** test system based on the highly successful IxYukon architecture. 10GBASE-T is emerging as the lowest cost solution for 10GbE links in data center switches, routers and servers. The [IxYukon](#) 10GBASE-T solution was used to test [Arista Network's](#) low latency, high throughput 48-port **auto-negotiating 1/10GBASE-T 7100T switch**. This marks the first time that such a large-scale 10GBASE-T test has been conducted. Ixia's IxYukon 10GBASE-T interfaces and Arista's switch will be demonstrated at Ixia's booth (#1813) at [Interop Las Vegas](#) from May 19 to 21.

As data centers migrate from 1 Gbps to 10 Gbps, there is an urgent need to provide 10 Gbps "top of the rack" switches of sufficient capacity to connect dozens of servers to each other and to uplink them to other racks and external connections. **10GBASE-T switches** prove an inexpensive means of utilizing available Cat 5e, Cat 6 and Cat 6a cabling for 1 Gbps and 10 Gbps connections. Considering the multiple servers involved in most transactions, low **transmission latency** is essential for data center performance. Arista's 7100T switch features 40 auto-negotiating 1/10GbE-T (RJ-45) and 8-SFP+ connections for compatibility and flexibility while delivering **800 Gbps** of throughput with less than 3 microseconds of latency. IxYukon with 10GBASE-T interfaces is the only testing solution on the market that accurately measures the latency of the Arista switch at full load.

Ixia's IxYukon has the highest density 10 Gbps testing solution on the market, with 8 ports per load module and 96 10 GbE ports per Ixia's XM12 chassis. Each IxYukon port uses a high-performance CPU with substantial memory to support full switch, router and application testing. IxYukon include support for 10GBASE-T, SFP+, XFP and supports Fibre Channel over Ethernet (FCoE) protocols for full coverage of all 10 GbE applications.

"Data centers are quickly switching over to 10 GbE for their server, switch and router connections," said Shannon Culligan, Director of Platforms, at Ixia. "10GBASE-T with Cat 5e, 6 or 6a cabling provides the most economical means of connecting those links. Ixia has shipped thousands of IxYukon ports in the year since its release and now we've expanded IxYukon's capabilities to include 10GBASE-T interfaces in order to meet customer demands for industry-leading high-density, high-accuracy test solution."

"Arista offers the highest density 1U auto-negotiating 1/10GbE data center switches with up to 48-ports. Arista's 7100T switches and modular operating system offer a robust platform for large scale deployments," said Anshul Sadana, Director of Systems Engineering for Arista Networks. "Ixia's new high density 10GBASE-T test module enables Arista to verify our low latency, high-performance switch architecture and validate maximum throughput."

Consult the [Ixia web site](#) for more information on the [Ixia platform](#) and [IxYukon load modules](#). Ixia's IxYukon 10GBase-T interfaces and Arista's switch can be seen at Ixia's booth (#1813) at [Interop, Las Vegas](#) from May 19 to 21.

About Ixia

Ixia is a leading supplier of test, measurement and service verification solutions to Internet equipment manufacturers, carriers, service providers, government agencies and enterprises. Ixia's platform is used to test IP networking equipment of all types and sizes, with powerful and flexible test applications that handle the widest range of Internet usage – from routing and switching to converged applications traffic to validating the service quality of live networks and services. Ixia's [multiplay](#) test solutions are acknowledged as the market leader - addressing the growing need to test voice, video, and data services and network capability under real-world conditions.

About Arista Networks

Arista Networks, formerly known as Arastra, was founded to deliver cloud networking solutions for large data center and computing environments. Arista offers best-of-breed 10 Gigabit Ethernet switches that redefine scalability, robustness, and price-performance. At the core of Arista's platform is the Extensible Operating System (EOS™), a pioneering new software architecture with self-healing and live in-service software upgrade capabilities.

Arista's team is comprised of experienced management and engineering talent from leading networking companies. Arista markets its products worldwide through distribution partners, systems integrators and resellers with a strong dedication to partner and customer success. For more information, please visit <http://www.aristanetworks.com>

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