STAYING AHEAD OF DANGER AT INTERNET SPEED

Every day hundreds of new applications and attacks are unleashed on the Internet. Combined with the explosion of new devices and bandwidth demands, this causes potentially crippling challenges for enterprises, network equipment manufacturers, and service providers who must develop, deploy, and manage secure and high-performance networks.

INTELLIGENCE THAT KEEPS IXIA PRODUCTS ALWAYS UPDATED, ALWAYS CURRENT

The ATI Research Center leverages more than 10 years of experience in researching application performance and security technologies. Using advanced surveillance techniques and methodologies, its researchers identify, capture, and rapidly deliver the application and threat intelligence you need to stay a step ahead. Ixia's products, powered by ATI, improve your security performance, bring application-level visibility and context to your monitoring tools, and validate network devices with real-world threats and application conditions.

Ixia understands the unique security challenges faced by modern enterprises, network security manufacturers and service providers. The ATI program enables you to validate, secure, and improve visibility into your critical projects.

Ixia's team of dedicated application and security researchers provides everything you need for thorough measurement of the performance, security, and stability of IT infrastructures. This includes access to application protocols, security attacks, product enhancements, and full service and support. This comprehensive program keeps your Ixia hardware and software continually up-to-date with the rapidly changing world of Internet.

The ATI program enables Ixia test and security solutions to provide granular application-level visibility and control, geolocation, known-bad IP address blocking, and much more. It is a comprehensive service and support resource for optimizing and hardening the resiliency of IT infrastructures, including:

- Intelligence consolidated into a large database of exploits, DoS, DDoS, phishing, live malware, and applications, used in Ixia's BreakingPoint® to simulate realistic traffic conditions and relevant attacks
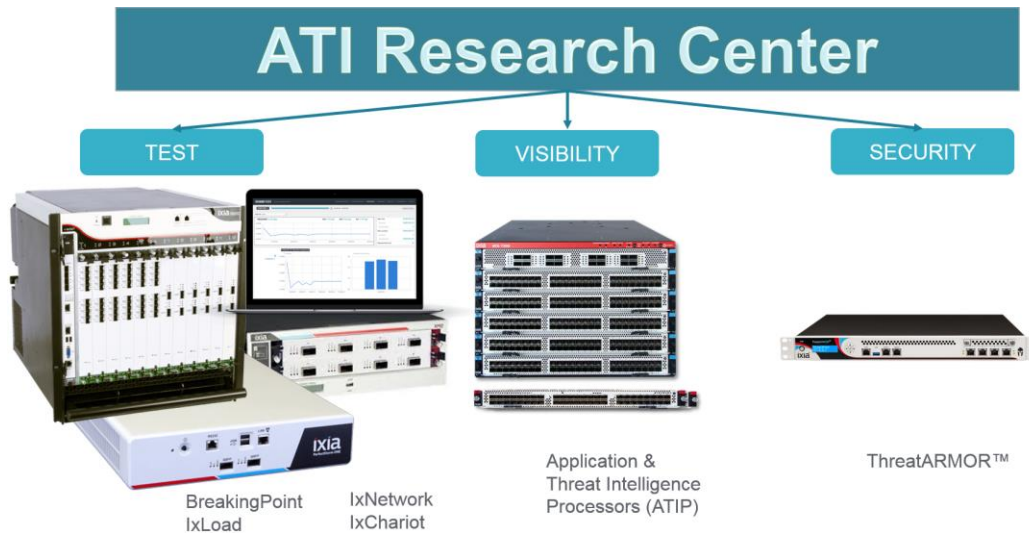
HIGHLIGHTS

- Enhance your security posture cost-effectively by adding insights from a global research team and round-the-clock network of threat intelligence research

- Leverage security intelligence that distributes across Ixia's Test, Visibility, and Security solutions

- Rely on high-confidence threat feeds to protect your network using always-on cloud-based intelligence

- Simulate real-world applications, exploits, malware, and evasion techniques allowing to test the "current" state of the internet

- Defend against high-impact, low-shelf-life attacks with sophisticated threat intelligence network

- Ensure timely tracking of application version updates and always-current behavior using Evergreen application signatures

- Instantly access continuously updated test methodologies, meticulously collected through the experience of more than 10 years of testing network and security devices

- Real-time cloud threat intelligence that enables Ixia's ThreatARMOR™ to provide continuous protection, filtering out untrusted countries, malicious sites, and harmful IP addresses (malware distribution, phishing sites, botnet C&C sites, SPAM distribution, BOGONs hijacked domains, and unassigned IPs)

- Application insight enabling Ixia's network visibility products such as the ATI Processor™ to provide complete network visibility extending beyond Layer 4 into granular application behaviors

- Simulation of 100+ evasion techniques

- Information to recreate real-world network traffic using more than 300+ applications

- The Evergreen feed to provide constant updates for the top applications critical in validating lawful intercept (LI), data loss prevention (DLP), and deep packet inspection (DPI) devices

- Always-on global IP geolocation database

- Application- and geography-based application filtering

- Rich contextual NetFlow/IPFIX generation

- AppLibrary™ for Ixia's IxLoad®, IxNetwork®, and IxChariot® test solutions, helping users validate the scale and performance capabilities of content-aware devices and networks

IXIA PRODUCTS THAT LEVERAGE ATI

PRODUCT	ATI LEVERAGE
ThreatARMOR Eliminates unwanted network traffic before it hits the existing security infrastructure	Real-time cloud threat intelligence site is kept constantly up to date by the ATI Research Center that individually validates every bad site and provides a cloud-based update every 5 minutes
ATI Processor Delivers real-time filtered application data and rich Netflow metadata to monitoring tools	Using the ATI application feed, this product provides deep knowledge of your network, including application bandwidth, handset and browser type, and geo-location of application traffic and can dynamically detect new applications without signatures
BreakingPoint Provides realistic, Internet-scale simulations of application traffic and attacks to validate network performance and security	With a current ATI subscription, you have the most realistic simulation conditions possible with access to 300+ application protocols and 36,000+ security attacks (exploits, malware, DoS, and DDoS), the industry's most comprehensive Microsoft® Tuesday coverage, and ever-current "Evergreen" versions of the most popular Web and network apps
IxLoad, IxNetwork, and IxChariot Generates application and network traffic and protocols to validate quality of service and performance of apps, networks, and devices	ATI researchers produce and continuously update AppLibrary, a simplified workflow and framework that enables users to emulate realistic application mixes from a pre-defined library of application flows; AppLibrary is used by IxNetwork, IxLoad, and IxChariot applications

The reach of the ATI Research Center spans Ixia product lines to ensure the most up-to-date application and threat intelligence.

VISIT IXIACOM.COM FOR MORE DETAILS ON IXIA TEST, VISIBILITY, AND SECURITY PRODUCTS

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