



Ixia develops amazing products so its customers can connect the world. Ixia helps its customers provide an always-on user experience through fast, secure delivery of dynamic connected technologies and services.

## The Ixia Difference

- Ixia solutions **optimize** networks and data centers to accelerate, secure, and scale the deliver of applications and services for enterprises, equipment manufacturers, service providers, and governments.
- Ixia solutions **test** the network infrastructure, performance, and security to facilitate new service and application roll-out, new equipment integration, and increased user requests.
- Ixia solutions **assess** the network's ability to process service and application requests, handle a rapidly scaling user base, and whether security is affecting performance
- Ixia solutions **monitor** network resource usage, providing visibility into how traffic is traversing your network, what types of traffic your network processes, and if your network is secure.

## Technologies Solution Leader

- **Security** – preemptively tests the performance, security, and stability of network and security products using actionable security intelligence (ASI).
- **Traffic Visibility** – provides traffic visibility and monitoring for production networks, to quickly connect diagnostic troubleshooting products without having to disconnect other monitoring tools from the network
- **Virtualization and Cloud Computing** – validates virtualized infrastructure performance and security.
- **Higher Speed Ethernet** – verifies service delivery over 40 and 100Gbps links with first-to-market test solutions.
- **Data Center Optimization** – Ethernet/Fibre Channel interfaces and protocols to test converged data center networks
- **Wireless, 4G/LTE, and Wi-Fi devices and systems** – provides large-scale handset emulation and realistic subscriber modeling to test the performance of next-generation access and core devices; verifies performance and security of Wi-Fi networks and devices: Wi-Fi AP and LAN controllers, client devices, residential gateways and routers, and Ethernet switches and branch office routers.



## Ixia's Powerful and Versatile Network Test and Visibility Solutions

- **PerfectSTORM™** – provides global visibility into emerging threats and actionable insight that can be used to harden and maintain resilient networks and data centers.
- **ThreatARMOR™** – reduces your attack surface by blocking all known bad IP addresses
- **Net Tool Optimizer™ (NTO)** – achieves complete network visibility with the easiest drag-and-drop control panel in the industry.
- **Network Packet Brokers** – plug-and-play family of application-aware NPBs, Virtual/cloud and Visibility Management System (VMS) solutions for virtualization, 10/40/100G, and 4G/LTE networks.
- **IxNetwork** – tests IP routing and switching devices and broadband access equipment. Provides traffic generation and emulation for the full range of protocols: routing, MPLS, layer 2/3 VPNs, Carrier Ethernet, broadband access, and data center bridging.
- **IxLoad** – quickly and accurately models high-volume video, data, and voice subscribers and servers to test real-world performance of multiservice delivery and security platforms.
- **IxCatapult** – emulates a broad range of wireless access and core protocols to test wireless components and systems. When combined with IxLoad, provides an end-to-end solution for testing wireless service quality.
- **IxVeriWave** – employs a client-centric model to test Wi-Fi and wireless LAN networks by generating repeatable large-scale, real-world test scenarios that are virtually impossible to create by any other means.
- **Test Automation** – provides simple, comprehensive lab automation to help test engineering teams create, organize, catalog, and schedule execution of tests

For more information, visit:  
[www.ixiacom.com](http://www.ixiacom.com)