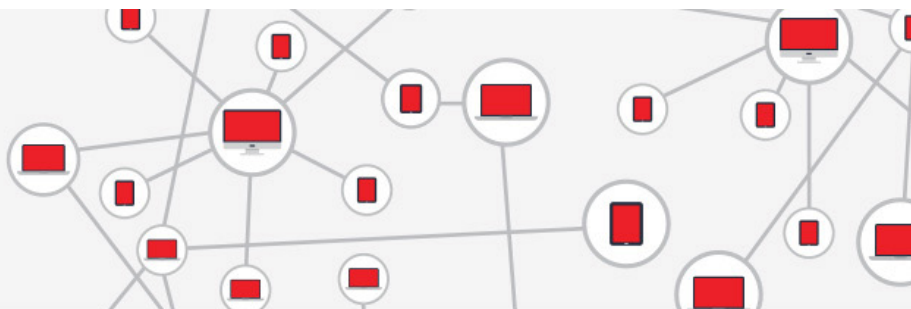




## IxChariot®

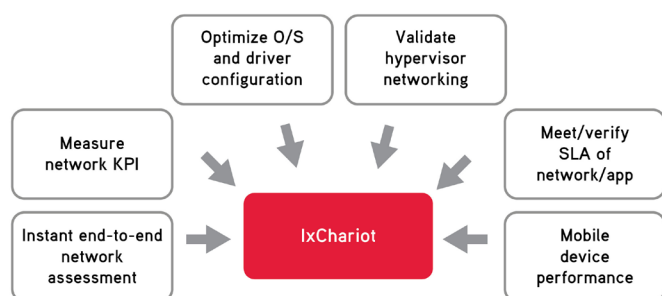
# Validate Pre-Deployment and Live Networks and Applications

## IxChariot



As your company's network and applications become increasingly more complex, network performance becomes mission critical. New applications such as unified communications, video, and enterprise applications introduce potential network bottlenecks that must be isolated and corrected. IxChariot is the industry's leading network assessment tool for troubleshooting and pre-assessment of networks and applications.

IxChariot simulates real-world applications to predict device, system, and network performance under realistic load conditions. The solution is comprised of the IxChariot Server and Performance Endpoints that is distributed throughout multiple datacenters, various office sites, and on end-user PC/mobile devices. Assessments are conducted entirely from a web browser.



The product is suitable for enterprise teams looking to simulate various protocols and applications in a distributed network across thousands of endpoints.

IxChariot is trusted by thousands of enterprises and government agencies worldwide to confidently assess the performance and reliability of their applications running on wired and wireless networks.

## Key Benefits

### Designed for IT Teams

- Leading assessment tool; access and run tests; multi-user out of the box

### Assess Your Network with Realistic Apps

- Create realistic applications to validate network performance with enterprise traffic simulation

### Network SLA Verification

- End-to-end test of the network to verify SLA commitments

### Validate Hypervisor Performance

- 100% software endpoints can be deployed to any number of virtual guests to validate VM-to-VM or VM-to-physical networking performance

### Instant Network Troubleshooting

- Deploy software endpoints to your mobile IT worker's system to spot check issues with the network or connectivity

### Voice Over IP Readiness

- Introduce hundreds of real-time voice communication traffic and verify that voice calls are meeting quality expectations

### Mobile IT Worker

- Download IxChariot endpoints from Apple Appstore or Android marketplace to verify WiFi performance within the office and proactively fix issues arising from BYOD

## IxChariot Key Components

Technology	Description
<b>IxChariot</b>	<ul style="list-style-type: none"> <li>Industry's leading test tool for simulating real-world applications and assessing network performance in live networks</li> <li>Uses distributed, low-profile endpoints to assess point-to-point performance and network capacity</li> </ul>
<b>Web GUI</b>	<ul style="list-style-type: none"> <li>Zero client installation to run IxChariot tests</li> <li>Access from any HTML5 browser</li> <li>Multi user system</li> </ul>
<b>100% Software Endpoints</b>	<ul style="list-style-type: none"> <li>Latest endpoint technology on Windows and Linux</li> <li>Runs on premises or on virtual hypervisor or cloud servers</li> </ul>
<b>IxChariot AppLibrary</b>	<ul style="list-style-type: none"> <li>Speeds testing with a simplified workflow and framework that simulates nearly 100 pre-defined application profiles that simulate end-user interactions and devices</li> <li>Application realism for verifying enterprise deployments</li> <li>Uses Ixia BreakingPoint Application Threat Intelligence (ATI) technology</li> </ul>

## IxChariot Features

- Nearly 100 application scripts simulating enterprise, triple-play, and other Internet traffic
- Real-world application behavior testing at the transport layer
- Measures the impact of new technologies such as VoIP, IPv6, and multicast video
- Sophisticated traffic patterns with and without quality of service (QoS) tags
- Troubleshoots critical performance issues on network segments and devices
- IPv4 and IPv6 addressing
- Throughput, jitter, packet loss, end-to-end delay, MOS, and MDI measurements
- Seamless correlation of IP statistics with 802.11 client statistics such as RSSI
- Embed custom payloads to test specific data content across the network
- Leverages Ixia's hardware test platform to create wire-speed layer 2-3 traffic running in conjunction with application traffic patterns created by IxChariot

### Ease of Use Targeted at IT Teams

- Access and run tests from any browser
- Out of box multi-user system
- Easy to use and run our extensive IxChariot tests

### Realistic Application Simulation

- New enterprise and mobile application simulations help create realistic load for network assessments

### Test Scalability

- Easy to scale the tests
- Create groups of endpoints to model different traffic flows

### Classic Network Performance Assessment

- Extensive IxChariot tests: TCP, UDP, and RTP
- Upload existing scripts from previous versions

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