

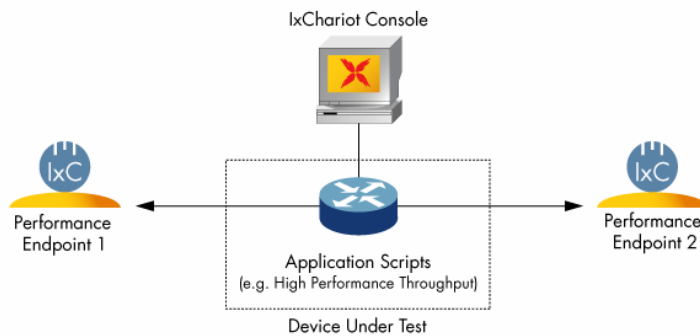
IxChariot™



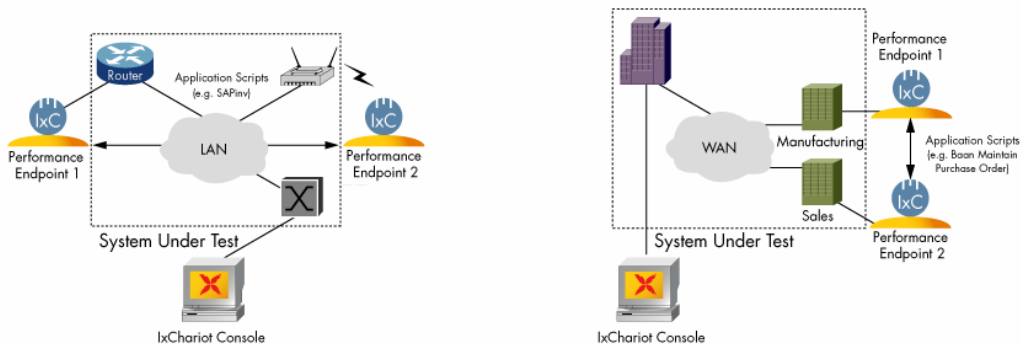
The IxChariot™ product family is the industry's leading traffic pattern analysis and decision support tool emulating real-world application data without the need to install and maintain extensive client/server networks. Incorporating the IxChariot™ Console, Performance Endpoints, and Application Scanner, the

IxChariot™ family offers thorough application assessment and device testing by emulating hundreds of protocols across thousands of network endpoints. Available with both node-locked and floating license support, IxChariot™ provides the ability to confidently predict the expected performance characteristics of any application running on wired and wireless networks.

Sample DUT Test Setup



From System Under Test -----> To Network Under Test



From Staged Network -----> To Deployed Network



Specifications

Scalability	Supports up to 10,000 connections (endpoint pairs) representing hundreds of thousands of end-users
Environments & Protocols	TCP, UDP, RTP, IPX, SPX, SNA IPv4, IPv6 VoIP, IP Multicast
System Requirements	Windows XP, 2000, ME, NT4 (SP3 and above) Minimum hardware: Pentium 300, 64 MB Memory, 23 MB Disk Space
Performance Endpoints	<ul style="list-style-type: none"> • Ixia Load Modules: LM100TXS8, LM1000TXS4, LM1000STXS4, LM1000SFPS4, ALM1000T8, ELM1000ST2, LM100TXS2, LM10GE700F1B-P, LM622MR, OLM1000STXS24 • Microsoft Windows: 3.1, 95, 98, ME, NT, 2000, XP, XP for Tablet PC, 2003, XP/2003 64-Bit Itanium, XP/2003 64-Bit Opteron, CE/CE.NET for ARM/Xscale®, CE/CE.NET for x86 • Sun Solaris (x86 and SPARC) • Linux (x86, MIPS and Turbo 64-bit) • IBM AIX, MVS, OS/2 • Novell Netware • Compaq Tru64 UNIX FreeBSD • SCO UnixWare • SGI IRIX

Key Features

- Over 140 pre-programmed scripts capable of emulating all common enterprise protocols and services including VoIP, Multicast, and ERP applications running on up to 10,000 endpoint pairs
- Tailored scripting capabilities using Ixia's Application Scanner and IxChariot's SDK
- Ability to create sophisticated traffic pattern, throughput, jitter, lost data, QoS, and latency analysis using Performance Endpoints running on all popular operating systems
- Capability to measure the impact of new technologies such as VoIP, IPv6, and rapid increases in encrypted data flows to assess readiness to upcoming network changes
- Ability to troubleshoot critical performance issues by using IxChariot™ to isolate deteriorating network segments and devices
- Supported protocols include TCP, UDP, RTP, SPX, IPX and SNA, as well as IP Multicast
- Leverage Ixia's market leading Load Modules and Ixia Performance Endpoints to create wire-speed Layer 2-3 traffic running in conjunction with application traffic patterns created by IxChariot™



IxChariot Applications

Network layer traffic statistics alone cannot predict application performance in enterprise and carrier-class broadband networks. Understanding the impact of packet loss, for example, is only relevant in the context of specific network applications. IxChariot™ can be used to achieve peak network and device performance:

Network Equipment Manufacturers – mirror customers' networks to validate the performance of equipment. IxChariot™ identifies the efficiency of QoS implementations and provides crucial assistance to win RFQs and Performance Benchmark Tests by proving the competitive advantage of solutions.

Field Engineers – capture and duplicate customer issues for rapid problem resolution. Track down hardware and configuration issues before increased data loads bring the network to a crawl.

Network Administrators – stage new devices and measure the implications of protocol and application changes before they are implemented. Test the performance of 'best-of-breed' networking equipment before making a purchase commitment.

Silicon Chip Developers – stress test the performance of processors and reference designs using realistic application data patterns. IxChariot™ provides easy mechanisms to rapidly repeat tests across multiple platforms.

Application Developers – emulate the impact of solutions on customer networks and forecast the effect of increased application uptake, as well as its relationship with existing applications and network infrastructures.

Network Service Providers – measure the performance of Internet and private WAN services to identify application driven issues before they create customer disappointment.

QA Engineers – verify interoperability for integrated solutions. Stress test the network and devices to identify and document extreme case behavior.

Product Ordering Information

- 920-0001**
IxChariot™ node-locked license, 10 Pairs
- 920-0002**
IxChariot™ node-locked license, 50 Pairs
- 920-0003**
IxChariot™ node-locked license, 200 Pairs
- 920-0004**
IxChariot™ node-locked license, 500 Pairs
- 920-0005**
IxChariot™ node-locked license, 1250 Pairs
- 920-0006**
IxChariot™ node-locked license, 2500 Pairs
- 920-0007**
IxChariot™ node-locked license, 5000 Pairs
- 920-0008**
IxChariot™ node-locked license, 10000 Pairs
- 920-0015**
IxChariot™ License Server. 500 Pairs
- 920-0016**
IxChariot™ License Server. 1250 Pairs
- 920-0017**
IxChariot™ License Server. 2500 Pairs
- 920-0018**
IxChariot™ License Server. 5000 Pairs
- 920-0019**
IxChariot™ License Server. 10000 Pairs
- 920-0020**
IxChariot™ Console Seat for License Server, 1 user
- 920-0021**
IxChariot™ Console Seat for License Server, 5 concurrent users
- 920-0022**
IxChariot™ Console Seat for License Server, 10 concurrent users
- 920-0023**
IxChariot™ Console Seat for License Server, 15 concurrent users
- 920-0024**
IxChariot™ Console Seat for License Server, 20 concurrent users
- 920-0025**
IxChariot™ Console Seat for License Server, 25 concurrent users

