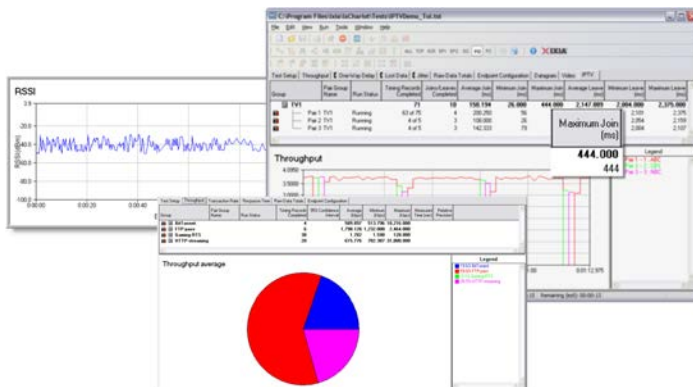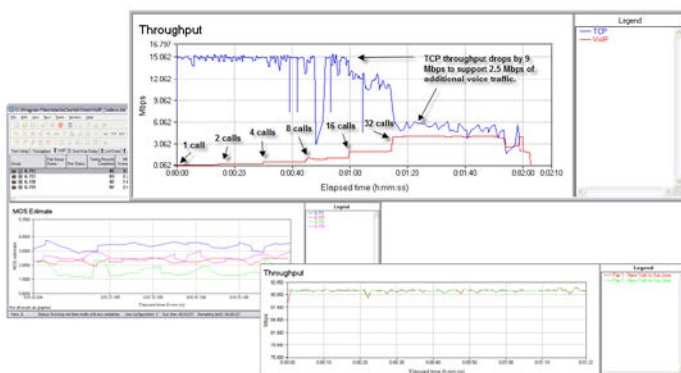# ixia

IxChariot® 7.30

IxChariot is the industry's leading test tool for simulating real-world applications to predict device and system performance under realistic load conditions. Comprised of the IxChariot Console, Performance Endpoints and IxProfile, the IxChariot product family offers thorough network performance assessment and device testing by simulating hundreds of protocols across thousands of network endpoints. IxChariot provides the ability to confidently assess the performance characteristics of any application running on wired and wireless networks.

IxChariot GUI

IxChariot Statistics

Key Features

- Over 150 application scripts simulating Enterprise, Triple-Play and Internet traffic

- Real-world application behavior at the transport layer (Layer 4)

- Simulation of separate control and data-plane activity using Application Groups.

- Tailored scripting capabilities using IxProfile and IxChariot's SDK

- Create sophisticated traffic patterns with and without QoS for IPv4 and IPv6

- Measure throughput, jitter, packet loss, end-to-end delay, MOS and MDI

- Seamless correlation of IP stats with 802.11 client statistics such as RSSI

- Measure the impact of new technologies such as VoIP, IPv6, and multicast video

- Embed custom payloads to test specific data content across the network

- Troubleshoot critical performance issues on network segments and devices

- Measure IPTV channel 'zap' times

- Test high BDP networks such as satellite links and 10 Gigabit Ethernet

- Leverage Ixia's hardware test platform to create wire-speed Layer 2-3 traffic running in conjunction with application traffic patterns created by IxChariot®

Specifications	
Scalability	Supports up to 100,000 connections (endpoint pairs) representing hundreds of thousands of end-users
Protocols	TCP, UDP, RTP, IPX, SPX IPv4, IPv6, IP Multicast VoIP (G.711, G.723, G.726, G.729)
System Requirements (Console)	Microsoft Windows Vista, XP, 2000 or 2003 Server Minimum hardware: Pentium III, 512 MB RAM, 500 MB disk space
Performance Endpoints	- Microsoft Windows: 3.1, 95, 98, ME, NT, 2000, XP, XP for Tablet PC, 2003 Server, Vista, XP/2003 on Itanium, XP/2003/Vista on 64-Bit EM64T/AMD64 - Windows CE/Mobile for ARM/Xscale® and x86 - Linux (x86, x86_64, ia64, ARM, PPC, MIPS and Lexra) - Sun Solaris (x86 and SPARC) - IBM AIX, MVS, OS/2 - Novell Netware - Compaq Tru64 UNIX - FreeBSD - SCO UnixWare - SGI IRIX - Ixia platform (CPU-based load modules)
Simulated Applications	- Active Directory - Baan - CCMail - Citrix - Lotus Notes - LDAP - Microsoft Exchange - Microsoft RDP/Terminal Services - Microsoft SQL Server - Oracle - SAP - Online gaming – FPS and RTS - DNS - NNTP - POP3 - HTTP/HTTPS - FTP (active/passive) - SMTP - Telnet - AIM - Yahoo IM - MSN Messenger - ICQ - BitTorrent - eDonkey2000 - Kazaa - NetMeeting - Realmedia - SIP - H.323

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

920-0016
IxChariot License Server, 1,250 Pairs

920-0017
IxChariot License Server, 2,500 Pairs

920-0019
IxChariot License Server, 10,000 Pairs

920-0020
IxChariot Console Seat for License Server, single user

920-0021
IxChariot Console Seat for License Server, five concurrent users

*Most popular options shown – see current price list for more information

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