



Xena Networks

The company behind the world's
best Ethernet traffic generation
and analysis solutions



ABOUT XENA

- XENA AND THE MARKET
- OUR TRACK RECORD
- APPLICATION OVERVIEW
- CUSTOMERS
- GLOBAL PRESENCE

LAYER 2-3

- HARDWARE
- SOFTWARE
- KEY FEATURES
- APPLICATIONS
- ROADMAP

LAYER 4-7

- OVERVIEW
- HARDWARE
- SOFTWARE
- KEY FEATURES
- APPLICATIONS
- ROADMAP

OUR VISION



1. Ethernet is THE dominant networking technology
2. This has fueled the demand for Ethernet traffic generation and analysis solutions
3. The best known solutions are complex & expensive



Xena focuses on providing the world's best Ethernet traffic generation and analysis solutions – renowned for their ease-of-use, innovation and price/performance.



OUR PLACE IN THE MARKET



High-end solutions
- complex to use and
expensive to own

*Ixia
Spirent*

XENA NETWORKS

A complete range of reliable,
easy-to-use solutions
- at breakthrough pricing



Home made



Developing accurate,
reliable solutions ends up
costing more than expected



OUR TRACK RECORD

- Xena was founded 10 years ago (2007)
- Offices in USA, Europe, India & China
- Over 400 customers worldwide including NEMs, telcos & ISPs, semiconductor vendors, governments, research organizations and more
- Multiple global awards for price/performance and technical innovation



WE CAN HELP TEST ...



QoS Testing

- Network application emulation
- Charting and histograms
- Background traffic injection
- Jitter analysis
- One-way latency analysis
- Inline measurements mode
- TCP and performance
- HTTP performance testing
- Latency monitoring

Benchmark Testing

- RFC2889
- RFC2544
- RFC3918
- VSpf (Virtual Switch Perf)
- G.FAST per ID-337
- Firewall Performance testing

Functional Testing

- Multicast
- 40/100G PCS and PMA Layer
- Transparent Transport
- Energy Efficient Ethernet (EEE)
- Microbursts and random IFG
- Synchronous Ethernet
- Automotive Ethernet
- 1588v2 Performance Testing
- Regression testing
- Kernel drivers and NIC testing
- Hardware emulation (ASIC)

Convergence / Redundancy

- Spanning (xSTP) and Routing
- G.8031/G.8032
- MPLS

Service Validation

- ITU-T Y.1564
- Live Monitoring
- Proactive Testing
- Wholesale Ethernet
- Performance Logging

Security/Negative Testing

- L2/3/4 Errors
- PCS Layer Errors
- Fragment Overlap
- DDoS / Protocol Fuzzing

Open Flow

- Table Capacity
- Flow-Mod
- Packet In/Out

Conformance

- MEF 2.0
- OAM (802.1ag/802.1ah/Y.1731)
- MPLS-TP
- Openflow 1.3



Test Gigabit Ethernet

Price/Performance

1. Lowest per port pricing for L2-7
2. Absolute latest technology
3. Free software applications
4. Free software upgrades



Ease of Use

1. Easy to install & connect
2. Intuitive user-friendly GUIs
3. Easy-to-learn CLI based scripting
4. Free training & technical support

GLOBAL PRESENCE



Xena USA (West Coast)	Xena USA (East Coast)	Xena Networks ApS (HQ)	Xena India	Xena China
Suite 203, 2880 Zanker Road, San Jose, 95134 CA USA Phone: 857 488 9909	945 Concord Street Framingham MA 01701 USA Phone: 857 488 9909	Lottenborgvej 26, 2A 2800 Lyngby Denmark Phone: +45 7020 0823	286, 11th A Cross JP Nagar 2nd Phase, Bangalore 560078 Karnataka India	1415, A2, Fortune Century Square, 13 Hai An Rd., Zhujiang New Town, Tianhe District, Guangzhou P.R. China, 510627