



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

VALKYRIE L2-3

- HARDWARE
- SOFTWARE
- KEY FEATURES
- APPLICATIONS
- ROADMAP

VULCAN L4-7

- 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



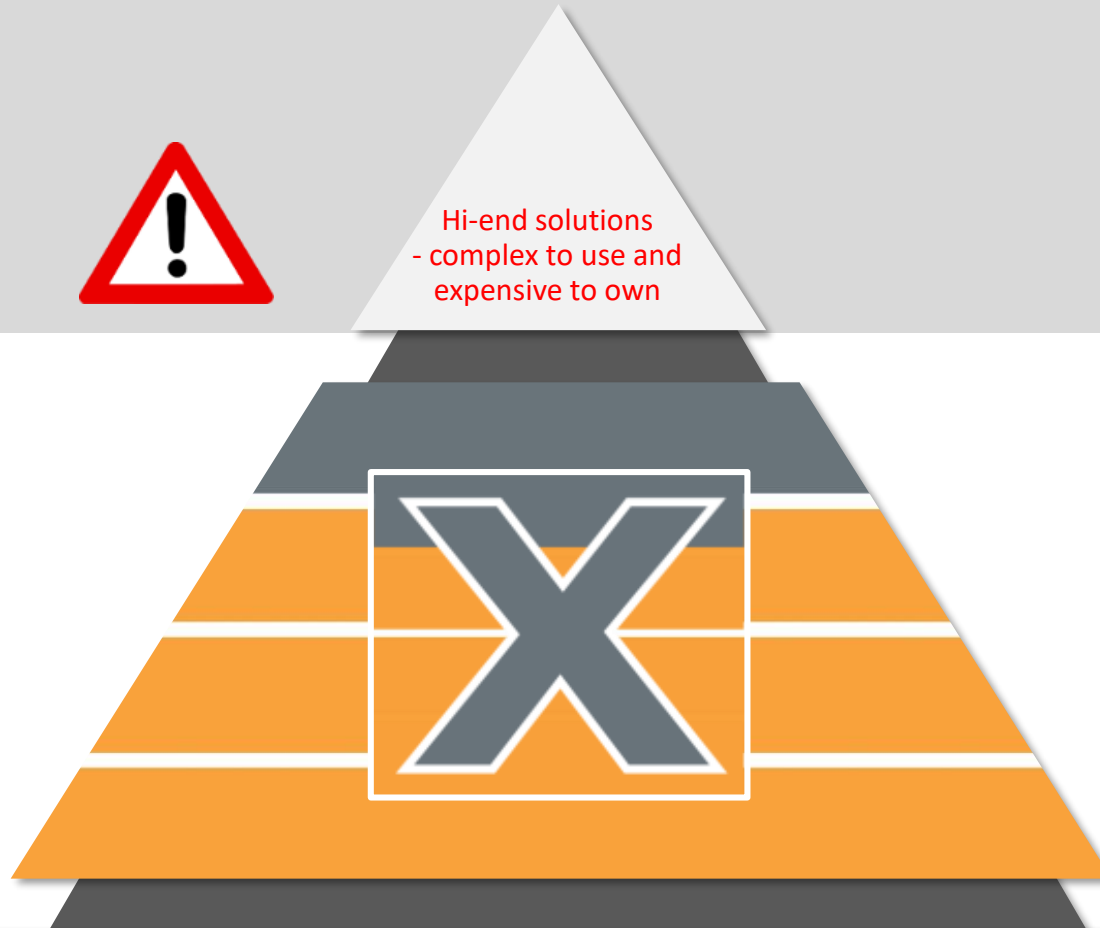
Xena focuses on providing the world's best Ethernet traffic generation and analysis solutions – renowned for their ease-of-use, innovation and price/performance.



OUR PLACE IN THE MARKET



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



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 in 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
- VSperf (Virtual Switch Performance)
- G.FAST per ID-337
- GPON per TR-247/ATP-247 and
- TR-255
- 100G PON

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)
- 2.5GE/5GE
- 25GE & 50GE
- 200GE & 400GE

Open Flow

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

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

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) McCarthy Business Center 1525 McCarthy Blvd, Suite 1078 Milpitas, CA 95035 Phone: 669-400-2829 or 888-227-XENA (9362)	Xena Networks ApS (HQ) Lottenborgvej 26, 2A 2800 Lyngby Denmark Phone: +45 7020 0823	Xena India 286, 11th A Cross JP Nagar 2nd Phase, Bangalore 560078 Karnataka India	Xena China Room 3703 Building B1, Fuligongyuan 28, Machang Road, Tianhe District, Guangzhou P.R. China, 510627
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