



Presents... Thursday, May 3rd, 2012

## Advanced Network Technology Seminar

Core Technologies, in partnership with five of our Partner Companies, would like to invite you to join us for a morning of five independent technical presentations, over breakfast and lunch.

**There's no cost to this attend this event. We'd like to invite you as our guest.**

The public and private switching Network continues to evolve towards a pure IP transport, over increasingly faster, more robust transport topologies. New network standards have emerged addressing "Carrier Ethernet". New test methodologies have also emerged to adapt to the more stringent demands of today's networks, both in the physical and protocol layers.

**A single morning's set of presentations** will focus on some of the **latest developments in test considerations**. Take advantage of five different leading manufacturer's presentations, covering some of today's hottest technologies.

**Fast Paced and Comprehensive sessions** show attendees how they can test and verify Quality of Service in this new network environment. The agenda is designed to maximize information for busy executives and engineers.

**Hands-on demonstrations.** This seminar is intended to be a forum designed to examine recent technological issues facing several of the newest trends in Today's Telecom. Each of the presenters will make demonstration systems available, over the breaks, lunch, and after the seminar. During these breaks you can explore specific applications with any of the subject matter experts.

**Who should attend:** Telecom and Data system designers; Quality, Test and Manufacturing engineers; Engineering Managers and Directors. This Seminar is geared towards Network Equipment Manufacturers, Service providers and DOD contractors.

**Date: Thursday, May 3rd, 2012**

**Time: 8:30AM – 1:00PM**

**Location: Westford Regency Inn & Conference Center, Westford, MA directions:**

[http://westfordregency.com/?page\\_id=339](http://westfordregency.com/?page_id=339)

**Registration 8:00AM to 8:30AM. Presentations 8:30AM to 1:00PM. Complimentary Coffee breaks and Lunch provided.**

\*\*There are a limited amount of seats available to this event. Please register early to reserve a seat! **Bonus: Door Raffle = A chance to win a free Kindle Fire E-reader!**

## How do I register?

1. Register Online at:

[http://coretechrep.com/Seminar\\_Registration.html](http://coretechrep.com/Seminar_Registration.html)

2. Register via email/fax ([download registration form/pdf](#)):

Tel: 203-248-8826

Fax: 203-248-8909

Email: [LKelsey@coretechrep.com](mailto:LKelsey@coretechrep.com)

## **Pre-deployment Performance Testing of Cloud Computing Technologies**

Networks, Remote Data Centers, and Virtualization management are key infrastructure components used in Cloud Computing environments. In order to avoid numerous potentially crippling performance issues, Equipment vendors, Service Providers, and System Integrators must ensure that all components including Communication Links (Latency, Bandwidth, and Error rates characteristics), Network Equipment, Storage Solutions, and Software systems inter-operate properly. In this presentation, we will discuss a methodology for pre-deployment validation of the system performance and availability metrics in order eliminate the post-deployment issues.

Speaker: Sameer Gupta, CEO/Founder, Gigamet

*GigaNet Systems is a manufacturer of precision network emulation products, designed for full line rate performance of Ethernet and Fiber Channel networks. GigaNet System's emulation product line has the industry's richest feature set to mimic real world scenarios accurately and easily.*



## **Carrier Ethernet Service Testing**

An introduction to Ethernet Service testing methodology for Carrier Ethernet. A good primer of the basic elements of Carrier Ethernet.

*Trilithic, Inc. is an industry leader providing telecommunications solutions for major Broadband and RF/Microwave markets around the world. As an ISO 9000:2001 certified company with over 40 years of collective expertise in engineering and custom assembly, Trilithic is dedicated to providing quality products, services and communications solutions that meet and exceed our customers' expectations.*



## Ramping Up To 100G

With video traffic and smart-phones boosting the demand for broadband, 100 Gigabit Ethernet is now ready to be the next big phase in the evolution of the world's most ubiquitous networking architecture. However, like most new technologies, testing 100G comes with a significant price tag. Xena Networks, an award-winning vendor of advanced Gigabit Ethernet test and measurement equipment, will show how their innovative 10/40/100G test solution was designed to reduce the cost of migrating from 10G to 40 and 100G.

"Ramping Up To 100G" provides a high-level intro to the technology and the market before reviewing Xena's unique approach to testing 100G Ethernet.

Speaker: Jacob V. Nielsen, CEO, Xena Networks

*Founded in 2007 and based in Denmark, Xena develops affordable, easy-to-use, and flexible Ethernet test solutions. We focus exclusively on L2-L3 gigabit Ethernet networking technology and analysis products that deliver demonstrable price/performance leadership. In 2011 we won [Frost & Sullivan's "Global Gigabit Ethernet Test Equipment Price Performance Value Leadership Award"](#) and were crowned as one of [Red Herring Global Top 100](#).*



## Topic: Getting ready for MEF certification

Veryx will show how Carrier Ethernet service providers and equipment manufacturers can quickly and easily verify that their offerings conform to MEF 9 and 14 standards, both in the lab and in the field, before applying for MEF certification. Veryx will also provide a brief overview of MEF's recently announced Carrier Ethernet 2.0 (CE 2.0) services, and the impact of these enhanced capabilities.

***Veryx [ver-iks] Technologies** provides innovative Verification (Testing) and Measurement (Metrics) Solutions for the global communications industry. Veryx Technologies provide communications testing solutions in the market segments comprising of network equipment manufacturers and service providers for Access, Carrier Ethernet, Data-center, Edge, Enterprise, Industrial networks and Network Security.*



## **Alternative Technology for 10/100/1000BaseT Interface Verification**

Sifos Technologies specializes in plug-n-play test instrumentation for robust, fully automated, multi-port analysis of physical layer performance in 10/100/1000Base-T LAN interfaces. The presentation will describe new metrology for assessing transmitter, receiver, and interface electrical characteristics and interoperability "headroom" on any product with one or more 10/100/1000Base-T ports

Speaker: David M. Lucia, CEO, Sifos

*Sifos Technologies provides Power over Ethernet and Ethernet PHY (physical layer) automated test & measurement solutions for the IT networking industry. . The Sifos PhyView Analyzer was a recent winner of T&M World's Best-in-Test Award for 2012.*