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#09-17

March 31, 2009

TO: PTA Member Companies
FROM: PTA Engineering Committee
SUBJECT: VDSL, VDSL Bonding and FemtoCell Technology
April 14 & 15, 2009

PTA's Engineering Committee has scheduled Vendor Presentations (*VDSL, VDSL Bonding, and FemtoCell Technology*) to be held April 14 & 15, 2009 at The Penn Stater Conference Center in State College, Pennsylvania. The date was chosen in coordination with the PTA Spring Conference being held April 15 & 16 at the same location (the Spring Conference is a separate meeting with a separate registration – to register for the Spring Conference go to: www.patel.org to print off the registration form – then fax to 717-238-5352.)

The draft agenda is attached for your review. If you are interested in attending this presentation, please register with PTA by submitting the form below to 717-238-5352 or send an e-mail to sue.carter@patel.org. Registration fee is \$50/person and includes the seminar and lunch.

Please fax the information below to 717-238-5352 or e-mail to sue.carter@patel.org

Payment will be made by: _____ Credit Card (form attached) _____ Check will follow

Checks should be made payable and mailed to: Pennsylvania Telephone Association
P.O. Box 1169, Harrisburg, PA 17108-1169

Company Name: _____ **Contact:** _____

E-mail: _____ **Phone:** _____

Attendees: _____

(ALL CANCELLATIONS MUST BE RECEIVED BY APRIL 9)

VENDOR PRESENTATION AGENDA

VDSL, VDSL Bonding & FemtoCell Technology

Room 107

TUESDAY, April 14, 2009

1:00 pm – 2:30 pm Calix
2:30 pm – 2:45 pm Break
2:45 pm – 4:15 pm Clear Access

WEDNESDAY, April 15, 2009

8:30 am – 10:00 am T-Mobile
10:00 am – 10:15 am Break
10:15 am – 11:45 am Actelis
11:45 am – 1:00 pm Lunch

Each Vendor will have 1.5 hours to set up, present and answer questions. They can use their allotted time at their discretion. Other Vendors **WILL NOT** be permitted in the room during presentations. This is to allow questions and answers without giving out trade secrets to competitors. Each presenter will have equal time allotted to them so no one presenter has an advantage. This is not meant to be a sales pitch rather a technical overview of their products for performance and reliability.

Lunch on Wednesday will be in the Dining Room. Tuesday Dinner is at your own expense.

Vendor Presentation

Agenda

Tuesday, April 14

1:00 pm – 2:30 pm: **Calix**

Presenter: *David Russell*, Solutions Marketing Director
Dave.Russell@calix.com

Abstract: The Evolution of VDSL from Niche Technology to Mass Deployment

As bandwidth demands continue to expand, service providers are being asked to get increasingly higher performance over copper. ADSL has reached the limits of its capabilities to support advanced applications like video, and VDSL has emerged as the best alternative. VDSL as a technology is not new, but to date has suffered from limitations that have made it difficult to deploy on a wide scale. New VDSL2 chip sets have addressed these challenges head-on, enabling fiber-like speeds over copper while also delivering operational feasibility. This presentation will cover the evolution of VDSL, the unique capabilities and considerations necessary for deployment, and how this technology can be used to meet the demands of the next generation of services.

2:30 pm – 2:45 pm: **Break**

2:45 pm – 4:15 pm: **Clear Access**

Presenter: *Robin Walters*, Regional Sales Manager – Midwest
rwalters@clearaccess.com

Abstract: Installers Ungrounded

Broadband deployments are booming with the advent of IPTV. The installation integrity of this broadband technology could be in peril due to bonding and grounding practices at the premise. This discussion will highlight the critical nature of proper grounding and show examples of proper and improper methods.

Wednesday, April 15

8:30 am – 10:00 am: **T-Mobile**
Presenter: To be announced

10:00 am – 10:15 am: **Break**

10:15 am – 11:45 am: **Actelis Networks**
Presenter: *Michael S. Cole, Jr.*, Director of Sales
MCole@actelis.com

Abstract: **Carrier Ethernet over Copper: Leveraging Your Investment for Quick ROI**

11:45 am – 1:00 pm: Lunch