



Workshop by ECI Telecom

Theme: Backhaul Network Migration - Technology Alternatives and Transition Paths

Thursday, March 19, 2009 • 14.30 – 16.30

The number of wireless subscribers in India totaled 347 million at the end of 2008, and an average of 9.4 million subscribers sign up for services each month (according to Global Insight). This tremendous growth, plus the rising level of triple-play service, is driving a critical need for expanded capacity to backhaul all this traffic from the remote site to the core network. Doing this cost-effectively can spell the difference between success and failure for network operators. This workshop examines recent advances in backhaul technology, as well as alternatives and best practices for designing a network to accommodate both 2G and next-gen services on the same infrastructure. The focus is on technology-agnostic strategies for leveraging existing infrastructure in migrating the TDM-based access and transport network to an IP-based, Ethernet-centric backhaul scenario. Specific case studies and real-world service provider experiences to date will be examined.

14:30 – 15:00

“Partnering for Backhaul Network Growth and Profitability”

Speaker: Gil Epshtein, Senior Product Marketing Manager, Network Services Division, ECI Telecom

Undertaking a backhaul re-engineering is a significant investment for service providers. How exactly should carriers go about it? The circumstances, requirements, and business case can vary from operator to operator. This presentation discusses what to look for in a technology provider and how to work with solution vendors in ensuring a smooth backhaul build out or migration project. The focus is on how to maximize backhaul network ROI and performance, while leveraging the legacy infrastructure and controlling costs.

15:00 – 15:30

“Mobile Backhaul Market Trends, Technology Alternatives, and Transition Paths”

Speaker: Yoav Valadarsky, Associate Vice President, Solutions Marketing, Network Solutions Division, ECI Telecom

Although a packet-based backhaul network may be seen as the optimal transport solution for the long term, the migration plan from an existing multi-technology infrastructure to an all-IP utopia varies between operators. Even within a single network, individual sites may have different requirements and preferred migration paths based on the existing infrastructure, business plan, and cost of alternatives. This presentation examines current and near-term factors driving the market for backhaul capacity, as well as network transition alternatives for meeting the challenge.

15:30 – 16:00

“Carrier Deployment and Lessons Learned to Date”

Speaker: Jagannath Radhakrishnan, System Engineer, ECI Telecom India

This case study presentation discusses the experiences of a leading service provider in building a backhaul network to meet today’s needs as well as 3G and triple-play future traffic requirements. The speaker will share perspectives and lessons learned in building a cost effective and future-proof backhaul network. Key insights from experiences gained in real-world deployment will help attendees plan their own backhaul network build out and transition plans.

- Considerations when designing and building a backhaul network
- Best practices, challenges to cope with, and lessons learned
- What to consider when looking for equipment vendors
- Guidance and perspectives for service providers in various scenarios

16:00 – 16:30 pm

Q&A with the panelists