

AT&S CONFERENCE TOPICS

Descriptions

FTTP: Where are we now, what comes next?

Home Theater, DTV Video Service and Equipment

This session will cover setting up your own home theater system. Also learn about the Digital Television Video services and the equipment it uses.

Lights, Camera, Action -Local Content-Best Practices

Learn the various ways to provide local content over their video systems and the pros and cons of providing such content. Some of the topics that will be covered include: options available for providing local content (use of contractor, own studio, etc); types of content that can be provided (local news, sports, high school football games, cooking shows, etc), examples of rural telephone companies providing local content and advertising the content on their websites, ways in which providing local content can benefit (distinguishing your company from larger cable companies, greater community involvement and exposure, etc) and pitfalls to consider when providing local content (FCC rules regarding local origination channels, use of copyrighted material, etc).

IPTV: Lessons, Learned

This presentation will focus on the deployment of FTTH/IP Video at the customer premise. We will be discussing what has worked well for ONT placement discussing how, when and where to place the ONT and battery. We will also discuss home networking options including new cabling, MOCA, HPNA and wireless Ethernet distribution. Lastly, will discuss whether to use internal staff or to outsource the customer installation.

Enabling Technologies for Carrier Ethernet: A Test and Measurement Perspective

Rapid rise in bandwidth requirements and competitive pressure among service providers drive the need for cost-efficient and scalable transport networks. Carrier Ethernet promises to deliver those attributes. Deployment of Carrier Ethernet depends on adequate qualification in vendors and operators' labs and in the field. This presentation delivers an overview of new test technologies for qualification of Carrier Ethernet.

Wireless 700 MHz: The Last Mile Solution Lessons Learned (Sheyenne Room)

Covering the 700 MHz general Overview, Planning an efficient coverage, complying with regulatory requirements including environmental concerns, dealing with installation and construction issues, and types of testing that will be beneficial.

Ask the OSP Expert

Have your OSP questions answered by Don, and hear other solutions shared by seminar attendees, in an energetic, highly popular, and thought-provoking Q&A session.

Splicing and Testing Ribbon/Loose Tube Cable

OFS will address advances in splicing and testing OSP cable as well as the Bend-insensitive fiber deployed in FTTx builds. We will cover both ribbon and loose-tube designs. We will also discuss the recently introduced splice-on connectors for field applications. In addition, we will discuss a low price OTDR. Large builds with splitter cabinets have led to the development of a short-reach, low-price OTDR for use from the NID to the splitter cabinet.

DSL vs. FTTP: The Choice is Yours

Presents a vendor neutral analysis of the "competing" technologies including ADSL2+/G.Bond, VDSL2, GPON and Active Ethernet for current and future service needs. It assesses the bandwidth and economic drivers, and looks at how each technology is deployed in the network and what it means from an engineering and construction stand point. It summarizes each of the technologies based upon a total cost of ownership relative to service demands, and provides a perspective on how to make the most rationale choices and decisions.

IP for Technicians

Today's craft /installation and repair technicians need more than drills in their tool boxes. What's in your IP tool kit? This breakout session will cover the necessary IP fundamentals and take a look at some of the freeware IP troubleshooting tools.

IPv6 ---The Light as the End of the Tunnel

Whether it hits you like an oncoming train or delivers you from darkness will depend a lot on how well you prepare in advance for IPv6 deployment and execute before IPv4 runout.

FTTH Overbuild

This presentation provides a review of various network architectures, deployment issues, splitter design consideration, various construction methods, test equipment, and maintenance requirements. This presentation discusses the advantages and disadvantages of centralized and distributed networks.

Transition to Long-Term Evolution (LTE)

The next generation (4G) cell phones will be LTE. The presenter will define LTE, update where LTE is today, and the transition to LTE from an industry standpoint.

Statewide (DCN) Carrier Grade Ethernet - Lessons learned from deploying Ethernet customer to customer - Forum and Discussion.