

Track Sessions Monday, September 28, 2009 11:00 am to 11:45 am

T-401-G – Advanced Network Design, Construction and Management

T-401-G – Construction Practices Within the Multiple Dwelling Unit (MDU) –

Doug Ellens ADC

Level: General Audience

This presentation aims at assisting in construction and design guidelines for Multiple Dwelling Unit (MDU) deployment strategies. The four essential network architectures for MDU environments are high-rise, medium-rise, low-rise and horizontal MDUs. This session investigates the many network design considerations when exploring construction practices for MDUs.

Doug has been a leading member of ADC's fiber connectivity solutions group for twelve years, with particular emphasis in FTTx and OSP applications. He has extensive experience in telecommunications, including 22 years in construction/engineering at a major ILEC and two years in engineering/project management for a building and cable supplier.

T-402-I – Advanced Network Design, Construction and Management

T-402-I – Harnessing the All-Fiber Access Solution, MSO Style –

Mark Conner, Corning Cable Systems

Level: Intermediate Audience

MSOs have long leveraged an evolutionary technology strategy. Advances in electronics, as well as passive components, along with competitive pressures and bandwidth demand, are making the all-fiber access network (AFAN) solution an increasingly attractive option for that next evolutionary step.

Mark has been involved in the communications industry since he started with Corning Cable Systems in 1987. Mark is now involved in the continuing development of FTTH markets and products with his primary focus on MSO applications. Mark is a graduate of Virginia Tech and West Virginia Wesleyan College.

T-404-I – New Technology

T-404-I – All-Fiber MDUs: Spooled Pre-Terminated Components or Fusion-Spliced Terminations? –

Mario Simard & Jeff Woodlief, EXFO

Level: Intermediate

Fiber in the MDU inside-plant is actively deployed, with either traditional fusion-spliced terminations or spooled pre-terminated components approach. We will analyze where pre-terminated components might provide significant higher value vs. traditional fusion-spliced terminations. T&M practices that contribute to faster and cheaper deployments and help customers do it effectively the first time, will be addressed.

For over 17 years, Mario Simard has worked in high-tech industries, namely in optics and telecommunications. As a senior Product Line Manager at EXFO for over 8 years, he has developed an expertise in FTTH. His recent area of concentration revolves specifically around optical time domain reflectometer technology. Assisting customer in how to test an FTTH network, has led Mario Simard in development of dedicated testing method and procedure. Mr. Simard holds a bachelor's degree in Mechanical Engineering from Laval University in Quebec City, Canada.

Mr. Woodlief has 15 years experience in design and construction of commercial and residential communications infrastructure. He works with a National Infrastructure Provider to design & construct single family and high Rise communications infrastructure solutions for deployment of PON and AE technologies. He has recently implemented PON architecture in over 45 High Rise residential projects.

T-405-G – Finance and Regulatory

T-405-G – Case Studies of FTTH Projects Submitted for Broadband Stimulus Funds – Geoff Burke,

Calix

Level: General Audience

Significant FTTH activity is expected from dollars allocated for broadband in the American Recovery and Reinvestment Act. This presentation will look at case study examples of FTTH projects that have applied for funds available through the NTIA and the RUS.

Geoff has over 20 years of experience across a diverse range of high tech fields. Currently the Senior Director of Corporate Marketing at Calix, he is responsible for all corporate and field marketing activities.