

All Times are MST  
(Schedule Subject to Change)  
Updated November 29, 2010



**Fiber-to-the-Home Council North America  
Broadband and FTTH Best Practices Workshop**

***"The Future of Video, Telco's and Smart Grid: Going for the Gigabit"***

**One-Day Workshop  
Wednesday, December 8, Arizona Biltmore Hotel  
Phoenix, Arizona**

Sponsored by:



**CORNING**



How fast are next-generation networks going to get? And how soon? And what role is Smart Grid technology going to play in taking North America into a new era of almost unlimited bandwidth?

The FCC's National Broadband Plan, picking up on the FTTH Council's vision of a 100 Megabit Nation, has set a goal of 100 Mbps symmetrical service to the vast majority of American homes by 2020. But now one FTTH Council member, the public electric utility EPB, is offering gigabit Internet service over its all-fiber network to customers in Chattanooga, Tennessee. So just where is this all going?

The Utilities Telecom Council (UTC) recently released a [landmark study](#) showing that utilities on their own will not be able to build all the communications networks they need to make Smart Grid happen, and that best of breed communications service providers will be essential to their success.

Join the FTTH for another in its series of "hot topic" workshops aimed at improving industry awareness of the latest technology, policy and business developments related to FTTH. On December 8, we'll be in Phoenix for a look at *"The Future of Video, Telco's and Smart Grid: Going for the Gigabit,"* a full day of presentations and panel discussions aimed at connecting all the dots related to Smart Grid and telecommunications services – and exploring the opportunities that may exist not only for electric utility companies, but also for telecom service providers whose direct involvement in these projects could be key to fulfilling the promise of Smart Grid systems.

The day's sessions will include a special focus on how Smart Grid technologies fit into the National Broadband Plan (NBP), as well as a look at the utilities that are deploying all-fiber Smart Grid and what kinds of services they are providing over them. We'll also have a session on the latest trends in video services over all-fiber networks, and we plan to focus on community broadband and, in particular, the municipalities and local organizations that have applied to participate in Google's gigabit FTTH project. The FTTH Council's Washington counsel Tom Cohen will conduct a session on the legislative and regulatory outlook, and he'll update us on the NBP, USF/CAF and the latest from the network management and "net neutrality" front. And, as with every regional workshop we do, we'll have a number of FTTH deployers come in and give us their best practices and lessons learned.

In recent years our regional workshops have been drawing up to 200 participants, and they are recognized as excellent opportunities to learn and to make contacts with industry colleagues who are service providers, consulting engineers, and manufacturers of FTTH products. We hope to see you there!

<b>Wednesday, December 8, 2010</b>		
7:30AM – 8:00AM	<b>Continental Breakfast</b>	Grand Ballroom
7:30AM – 5:00PM	<b>Registration</b>	Grand Ballroom Foyer
8:00AM – 8:15AM	<b>Welcome and Introduction</b> <i>Dan O'Connell, FTTH Council President</i>	Grand Ballroom
8:15AM – 9:15AM	<b>Trends in Delivery of Video Services</b> <i>David Gross BIA/Kelsey</i>	Grand Ballroom
9:15AM – 10:00AM	<b>Government Policy issues - Broadband, the National Broadband Plan, USF/CAF, Network Management</b> <i>Thomas Cohen, Kelley Drye Collier Shannon</i> <i>Kevin Morgan, ADTRAN</i>	Grand Ballroom
10:00AM – 10:15AM	<b>Refreshment Break</b>	Grand Ballroom
10:15AM – 10:45AM	<b>Smart Grid – What it is, what it is not and where it is going</b> <i>Klaus Bender, Director of Engineering and Standards, Utility Telecom Council</i>	Grand Ballroom
10:45 – 11:45 am	<b>Panel – Smart Grid Plans and Implementation</b> <b>Moderator:</b> <i>Eric Murray, CEO, Tantalus Systems</i> <b>Panelists:</b> <i>Ron Holcomb, Principal Analyst, CTC Technology and Energy</i> <i>Tim Hills, CEO, Hancock Telecom</i>	Grand Ballroom
11:45AM – 12:15PM	<b>Networking Session A – Smart Grid Implementation and Telco/PowerCo Cooperation</b>	Grand Ballroom
12:15PM – 1:15PM	<b>Luncheon</b>	Squaw Peak Terrace
1:15PM – 1:45PM	<b>Current Census and Status of FTTH in North America</b> <i>Mike Render, RVA LLC</i>	Grand Ballroom
1:45PM – 2:15PM	<b>Community broadband working with public sector</b> <i>Ron Holcomb, Principal Analyst, CTC Technology and Energy</i>	Grand Ballroom
2:45PM – 3:00PM	<b>Refreshment Break</b>	Grand Ballroom
3:00PM – 4:00PM	<b>Gigabit Networking, Communities Talk About Their Applications to Google</b> <i>Onnie Shekerjian, Council member, City of Tempe</i> <i>Jay Schlum, Mayor, Fountain Hills, AZ</i>	Grand Ballroom

4:00PM – 5:00PM	<b>FTTH Case Studies Panel</b> <b>Moderator:</b> <i>David Russell, Calix</i> <b>Panelists:</b> <i>Bernie Armstrong, Director of Network Operations, Zona Communications</i> <i>Kevin Durham, Director of Operations/Assistant General Manager, Gila River Telecommunications, Inc.</i> <i>Bill Hampshire, OSP Engineer, Saddleback Communications</i>	Grand Ballroom
5:00PM – 5:15PM	<b>Closing Remarks</b> <i>Dan O'Connell, FTTH Council President</i>	Grand Ballroom
5:15PM – 7:00PM	<b>Cocktail Networking Reception and Table Top Displays</b> Open to workshop attendees and FTTH Council members	Grand Canyon
<b>Thursday, December 9, 2010</b>		
8:00AM – 5:00PM	<b>Certified Fiber to the Home Professional (CFHP) Course (Day 1)</b> <i>*Additional fee required*</i>  For complete details, <a href="#">click here</a> . For the detailed course outline, <a href="#">click here</a> .  For more information on this 2 day preparatory course, contact CFHP Administration <a href="#">email</a> .	Prescott
<b>Friday, December 10, 2010</b>		
8:00AM – 5:00PM	<b>Certified Fiber to the Home Professional (CFHP) Course (Day 2)</b> <i>*Additional fee required*</i>	Prescott