



**IPTV OVER GPON AND BONDED DSL  
KEY COMPONENTS OF BROADBANDSUITE 3.0**

**11 November 2008, Anaheim, California** - The Broadband Forum, formerly the DSL Forum, has today unveiled the latest edition of its BroadbandSuite™ Release Plan at this year's Telco TV. BroadbandSuite 3.0 provides specifications for triple-play delivered via GPON and bonded DSL over a QoS-enabled Ethernet architecture, and remote management beyond the gateway to address video and storage devices.

BroadbandSuite 2.0, released in 2007, provided a roadmap for triple-play access via ADSL2plus, but over the past 12 months, the Broadband Forum has responded to an industry need for the ability to deliver triple-play services, such as IPTV, over a variety of different access technologies.

The key capabilities of BroadbandSuite 3.0 include triple-play augmented via GPON and bonded DSL over a QoS-enabled Ethernet architecture; full support for multicast to IPTV streaming; and integrated remote management of set-top-boxes (STB) and attached storage devices.

This ability to deliver triple-play services over a number of different access technologies will give more service providers more options to offer new revenue generating services, such as IPTV, helping them to gain market share in an already competitive market.

This release also provides the specifications required to successfully remotely manage the multimedia home network. Not only does this help the provider reduce costs and time spent in the field, as it enables technicians to remotely fix faults reducing truck roll, but it also aids to increase customer loyalty and satisfaction as the majority of problems can be resolved without any inconvenience to the customer.

The Technical Reports and the pending working texts contained within BroadbandSuite 3.0 can be seen below.

**BroadbandSuite™ 3.0**

ACCESS R3.0	HOME R3.0	CONTROL R3.0
TR-101: Ethernet-centric multi-cast capable architecture	TR-135: Residential data model for TR-069 enabled set-top-box	TR-141: Protocol independent management model for TR-101 compliant access node
	TR-140: Data model for a TR-069 enabled storage device	TR-117: Broadband trouble reporting
	TR-142: Framework for use of TR-069 with PON access	TR-176: ADSL2plus profiles for IPTV
	TR-143: CPE throughput performance test mechanism	
	TR-098 Amendment 2: Internet gateway device data model for TR-069	
<b><i>WORK IN PROGRESS</i></b>		
WT-156: Extending TR-101 to GPON fiber access systems	TR-106v2 (PD-154): XML data model descriptions and object library	WT-147: Layer 2 control mechanism
		WT-159: Management framework for xDSL bonding
		WT-169: EMS-NMS functionality requirements for access nodes supporting for TR-101

The benefits of BroadbandSuite 3.0 will be highlighted at this year's Telco TV in the form of an interactive industry Showcase. The multi-vendor showcase will walk attendees through the Broadband ecosystem and core-to-home network, explaining the latest advancements and options available for service providers to optimize their networks. The Showcase will be divided into three main areas: Access Acceleration, Mock NOC and the BroadbandHome™. The Showcase is supported by:

ADTRAN

ClearAccess

Comtrend

Corning Cable Systems

Ericsson

D-Link

Intel

Juniper Networks

Motive

Motorola

Occam Networks

George Dobrowski, President and Chairman of the Broadband Forum, explains, "With over 17 million IPTV subscribers around the world - two and half million in the US alone - the ability to offer triple play services is essential if a service provider is to remain successful in such a competitive market. However, different geographical areas and landscapes demand different access technologies.

"The Forum understands these demands and is working hard to establish specifications that cover the range of access technologies, from DSL to fiber, ensuring Quality of Service and Quality of Experience for all customers, wherever they are. We believe that our BroadbandSuite Release Plan, which provides a clear and concise blueprint, is the way to do this.

George continues, "Telco TV is the perfect place to unveil this latest Release and the Showcase, which will be a compelling addition to the exhibition, is an ideal way of doing it. Thank you to all of the members who have driven the development of BroadbandSuite 3.0, and to all those at Telco TV who are helping to make this exhibit a success."

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#### **About the Broadband Forum**

The Broadband Forum mission is to develop the full potential of broadband. Focused on home-to-core network and management solutions, our standards empower providers to achieve more with their broadband deployment. Established in 1994 as the ADSL Forum and later as the DSL Forum, the Broadband Forum has seen its work over the past 14 years evolve from addressing physical layer ADSL transport specifications to advanced transport and management specifications for all forms of broadband. The Broadband Forum's formal BroadbandSuite™ Release Program and all technical reports are publicly available at [www.broadband-forum.org](http://www.broadband-forum.org)