Aug 13, 2007 08:00 ET

Cisco and Texas Instruments Complete First Interoperability Testing of DOCSIS 3.0 Network Upstream Channel Bonding

Cable Operators May Soon See Faster Uploads

SAN JOSE, CA--(Marketwire - August 13, 2007) - Cisco® (NASDAQ: CSCO) today announced successful completion of interoperability testing of the Cisco uBR10012 Cable Modem Termination System (CMTS) platform with Texas Instruments' Puma 5 DOCSIS® 3.0 CPE development platform. The Cisco uBR10012 CMTS solution demonstrated upstream channel bonding, an important feature of CableLabs'® DOCSIS 3.0 specifications and a key advancement for cable operators.

The DOCSIS 3.0 specification defines interface requirements for cable modems involved in high-speed data distribution over cable television system networks. Channel bonding -- logically combining several radio frequency channels -- provides cable operators with a flexible way to increase upstream and downstream throughput for customers. Downstream data-transmission rates are in the hundreds of megabits and can scale to potentially gigabits per second.

The interoperability testing at CableLabs helps ensure that the industry-leading Cisco uBR10012 CMTS platform and Texas Instruments' Puma 5 DOCSIS 3.0 CPE development platform can be used together to as part of a DOCSIS 3.0 network. Already leading the industry in terms of density, performance and features, the addition of upstream channel bonding further extends the versatility of the Cisco uBR10012 CMTS solution.

The Cisco and Texas Instruments upstream channel-bonding interoperability testing demonstrates that the Cisco uBR10012 CMTS platform may support cable operators' high-speed cable-modem services with the promise of upload speeds far greater than those available today.

"This successful demonstration of upstream channel bonding clearly shows there is significant momentum for DOCSIS 3.0," said Tony Werner, Comcast Cable chief technology officer. "We believe this as an important milestone with DOCSIS 3.0 enabling a new generation of high-bandwidth services that will benefit businesses and consumers around the world."

"As cable operators migrate to DOCSIS 3.0, they need a seamlessly flexible solution that can deliver the power and reliability required for equipment to bond several channels together and act as a single virtual pipe upstream and downstream," said John Mattson, director of marketing, CMTS products, Cisco. "Successfully demonstrating upstream channel bonding demonstrates the versatility and DOCSIS 3.0 leadership of the Cisco uBR10012 CMTS platform, which provides a seamless migration path from today's DOCSIS services to DOCSIS 3.0."

The demonstration of upstream channel bonding is one of many firsts for Cisco. Cisco was also the first to demonstrate downstream channel bonding, multicast and Internet Protocol version 6 (IPv6) -- all major components of DOCSIS 3.0 -- further proving its industry leadership in this area. More information about the Cisco uBR10012 CMTS platform and other cable solutions is available at www.cisco.com/go/serviceprovider.

About Cisco

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