



New Cisco Cable Modem Aims to Support Data Rates Over 100 Mbps

The Cisco DOCSIS 3.0 Channel Bonded Cable Modem Fulfills Consumer Appetite for Ultra-High-Speed Internet Connections

LAS VEGAS, Nevada - International CES 2008 - January 7, 2008 - Cisco® today announced taking its ultra-high-speed channel-bonding solution - designed to facilitate broadband services in excess of 100 megabits per second (Mbps) - to the next level with a new channel-bonded cable modem. The Cisco® Channel-Bonded Cable Modem (Model DPC3000) will give consumers faster access to on-demand, feature-rich entertainment and communications, while enabling service providers to optimize existing bandwidth.

Broadband-savvy consumers live in a world of fast access to entertainment, information and communication and their need for speed is rapidly expanding to include a new class of visual networking experiences. This emerging consumer experience category of visual networking blends streaming digital video technology with social networking, which enables more choice, easier navigation of content from the service provider network and the Internet, higher-quality viewing and faster, more personalized interactions.

"Web surfers want faster access to everything, especially video content," said John Sweeney, director of product strategy and management for Scientific Atlanta, a Cisco company. "As consumers continue to download their music, watch TV and send multimedia messages on their mobile devices, you can count on that content reaching them through a Cisco Internet Protocol Next-Generation Network. This network and its supporting services and capabilities are evolving as we speak through Cisco's consumer vision to create a visual network. To help cable operators deliver more content over their existing networks, our DOCSIS® 3.0-compliant channel-bonding technology uses multiple channels to deliver more packets simultaneously, providing high-speed data rates up to four times as fast as than existing DOCSIS 2.0 modems."

The Cisco DOCSIS 3.0 Channel Bonded Cable Modem is designed to meet the CableLabs Data Over Cable Service Interface Specifications (DOCSIS) 3.0 specifications, which feature support of four bonded downstream channels and four bonded upstream channels. It is designed to be backward-compatible for use as a single-channel cable modem with DOCSIS and Euro-DOCSIS 1.1/1.0 and 2.0 networks. This comprehensive approach to interoperability makes the Cisco DOCSIS 3.0 Channel Bonded Cable Modem an excellent choice to support high-speed service, providing the potential for a migration path to even more advanced services for consumers.

The Cisco downstream channel-bonding solution features the Cisco uBR10012 cable modem termination systems (CMTS), Cisco xDQA-24 edge quadrature amplitude modulators (QAMs), and Cisco DOCSIS 3.0-compliant cable modems. [Cisco was recently awarded "bronze" qualification by CableLabs® for its CMTS headend gear.](#) The announcement comes at the conclusion of the recent test wave in which the first products based on the DOCSIS 3.0 specifications were formally evaluated.

The Cisco DPC3000 Channel Bonded Modem is expected to be commercially available to our service provider customers in spring 2008.

About Cisco Systems

Cisco, (NASDAQ: CSCO), is the worldwide leader in networking that transforms how people connect, communicate and collaborate. Information about Cisco can be found at <http://www.cisco.com>. For ongoing news, please go to <http://newsroom.cisco.com>.

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