



Hughes ActiveBonding Technology Delivers High-Capacity Networking to the Distributed Enterprise over Affordable Broadband

GERMANTOWN, Md., May 1, 2012 /PRNewswire/ -- Hughes Network Systems, LLC (HUGHES), the global leader in broadband satellite networks and services, and a leading provider of managed network services, today unveiled a new technology that enables high-capacity networking at all locations of distributed enterprises, such as retailers, restaurants and hotels, over affordable broadband connections.

(Logo: <http://photos.prnewswire.com/prnh/20110112/NE29456LOGO>)

Integral to its next-generation Hughes Converged Broadband Architecture™ (CBA), Hughes ActiveBonding™ solves a huge cost and complexity issue for companies whose business applications have outstripped the bandwidth capacity at their branch locations. They no longer have to pick and choose which sites to modernize, nor pay for installing dramatically higher cost options such as Ethernet.

Hughes CBA with ActiveBonding delivers high-capacity throughput of up to 12 Mbps over DSL or cable by intelligently load balancing traffic across the network for optimal performance. It is ideal for retail, hospitality, restaurants, retail petroleum, financial, and other large enterprises that need to run more bandwidth-hungry applications at their branch operations to stay competitive.

"New applications such as guest Wi-Fi, VoIP, on-demand video training, and digital signage are creating a 'head room' problem for distributed enterprises," said Sampath Ramaswami, senior director, Strategic Planning at Hughes. "Providing sufficient capacity to all their branch sites has been cost prohibitive, so they've had to settle on upgrading a limited number of prominent sites to support new business and customer-facing applications. Hughes ActiveBonding removes these restrictions, enabling delivery of very high speeds at all of their locations, cost-effectively."

Hughes ActiveBonding takes into account the inherent performance variability of broadband networks by actively monitoring the performance of multiple broadband links and intelligently bonding them together into one, homogeneous high-capacity connection.

Hughes CBA was designed specifically to deliver high performance, real-time, end-to-end QoS, high reliability, and strong security to distributed enterprises. It seamlessly supports data, voice and video applications over affordable broadband private networks. Hughes CBA works with any combination of DSL, cable, 3G/4G wireless, fiber or satellite broadband to meet the unique connectivity needs of any site in the enterprise, including providing high-availability configurations to provide diverse paths to each location, such as a DSL and backup 3G/4G network combination.

Hughes CBA is available now. Hughes will be adding the benefits of high-capacity access using the new Hughes ActiveBonding feature in September 2012.

Hughes will be demonstrating Hughes ActiveBonding at Interop 2012, Las Vegas, exhibit booth #904, May 8-10, 2012. To schedule an interview with a Hughes executive, please contact Jill Searl, Brodeur Partners, at (603) 559-5824.

About Hughes Network Systems

Hughes Network Systems, LLC (Hughes) is the world's leading provider of satellite broadband for home and office, delivering innovative network technologies, managed services, and solutions for enterprises and governments globally. HughesNet® is the #1 high-speed satellite Internet service in the marketplace, with offerings to suit every budget. To date, Hughes has shipped more than 2.8 million systems to customers in over 100 countries, representing over 50 percent market share. Its products employ global standards approved by the TIA, ETSI and ITU organizations, including IPoS/DVB-S2, RSM-A, and GMR-1.

Headquartered outside Washington, D.C., in Germantown, Maryland, USA, Hughes operates sales and support offices worldwide, and is a wholly owned subsidiary of EchoStar Corporation (NASDAQ: SATS), a premier global provider of satellite operations and digital TV solutions. For additional information about Hughes, please visit www.hughes.com.

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