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Hughes Introduces the HN NOC_{XT} Carrier-Grade Broadband Satellite Hub

*Optimized for medium- to large-scale satellite broadband networks;
Setting a new standard in flexibility and scalability*

Germantown, Md., USA, July 20, 2011—Hughes Network Systems, LLC (HUGHES), today further reinforced its global leadership in broadband satellite solutions and services by introducing a new carrier-grade hub configuration optimized for medium- to large-scale networks. Employing a highly efficient systems architecture, the Hughes HN NOC_{XT} sets a new standard in flexibility and scalability, with numerous features such as guaranteed Quality of Service (QoS) levels for bandwidth management and industry-leading acceleration and compression technologies, making it the ideal solution for service providers and enterprises demanding the best for their customers.

Operational on 5 continents and supporting over 1 million broadband terminal sites, the HN System is the most advanced and widely deployed satellite networking infrastructure in the marketplace, and is fully compliant with the IP over Satellite (IPoS) global standard—the world’s first to be approved by TIA, ETSI and ITU. The HN NOC_{XT} is the latest member of the HN family and the ideal choice to deliver high-speed IP services over satellite, supporting an expanding range of multi-media, video, data and voice applications.

“Hughes continues to push the envelope by further developing and optimizing the HN System. As our latest generation hub configuration, the HN NOC_{XT} comes packed with high capacity and advanced features from a single rack, making the roll-out of large-scale satellite broadband networks very cost-effective,” said Robert Feierbach, vice president of global sales and marketing, International at Hughes.

HN NOC_{XT} Architecture

The HN NOC_{XT} is designed as a compact and efficient single-rack package that is highly modular and scalable, enabling rapid provision of any mix of satellite broadband services from a single, comprehensive platform. The base configuration of the HN NOC_{XT} can be readily expanded to accommodate multiple 121 Mbps forward channels and over 70 Mbps of return channel traffic, all in a single rack.

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“Efficiency and flexibility in utilizing satellite bandwidth are at the core of our HN NOC_{XT} design,” said David Jupin, vice president, program management, International, at Hughes. “For example, one or more remote terminals can be selected for guaranteed in-route bandwidth, while the remaining large pool of terminals may share fair access via a truly dynamic bandwidth assignment algorithm; inactive terminals are released from all network resources, which are optimized for use by active terminals only.”

The HN NOC_{XT} is the ideal solution to provide a number of services including:

- Broadband Internet access
- Private IP networking for corporate intranets
- Public services including telephony, Internet kiosk, education & government
- High availability networking
- Multicast data delivery
- Multimedia applications including MPEG4 video
- VoIP services

Fully Compatible with HN Family of Remote Terminals

The HN NOC_{XT} operates with the latest generation of HN broadband satellite terminals, including the powerful HN9200 and HN9400. The HN9400 is a high-performance router with throughput of up to 60 Mbps over the forward channel and with adaptive LDPC coding on the return channel; the entire HN family of satellite terminals and routers is compliant with the global IPoS (IP over Satellite) standard.

The HN NOC_{XT} is available now. For addition information, please contact Hughes at globalsales@hughes.com.

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 2.5 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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