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Hughes Introduces HR4400 Branch Gateway Delivering Strong Security, Routing and WAN Optimization

Fast, simple and secure connectivity solution in one easy-to-manage, cost-effective device

GERMANTOWN, Md., April 3, 2014 /PRNewswire/ -- [Hughes Network Systems](#), LLC (Hughes) today launched the HR4400, a new member of its HR Series Branch Gateway family that significantly lowers the cost and complexity of delivering secure, high-speed connectivity to small footprint retail organizations. The new HR4400 combines best-in-class security, routing and WAN optimization into one affordable device that can scale from a single location to a network with thousands of branches.



The Hughes HR4400 Branch Gateway is designed to meet the demanding security and application performance needs of multi-branch organizations and single-site franchise operators in quick service restaurants, retail petroleum, convenience stores and specialty retail. In addition to delivering the highest levels of security and performance, the HR4400 incorporates sophisticated management features that make it easy to deploy and operate as part of HughesON™ Managed Network Services, the fully managed turnkey solution offering from Hughes.

"In today's networking environment, the importance of network security cannot be over-emphasized," said Sam Baumel, vice president, Commercial Sales & Marketing at Hughes. "Our new HR4400 platform is designed for small footprint businesses that need the power and performance of an enterprise-grade solution — but with a cost-effective and easy-to-manage device to secure mission-critical applications, such as credit and debit card transactions, in a PCI-compliant environment. As with other members of the HR Branch Gateway family, the HR 4400 integrates functionality that previously required multiple 'single-function' devices into a single, affordable product that optimizes performance of new cloud services and partner applications — and can also support new secure payment platforms such as EMV and mobile devices."

Strong Security

The HR4400 incorporates best-in-class security protection from [Fortinet](#), enabling Hughes to provide next-generation firewall and advanced capabilities such as Intrusion Detection/Prevention, content filtering, and anti-virus/anti-malware protection from advanced threats — all centrally managed by Hughes. The integrated FortiOS 5 secure operating system and 2nd generation FortiASIC system-on-chip (SOC2) deliver up to twice the unified threat management (UTM) performance of competing UTMs, with superior price/performance and reduced power consumption all in one device.

Best-in-class Performance

The HR4400 incorporates exclusive Hughes optimization technologies: *ActiveQoS™* enables true end-to-end Quality of Service (QoS) over 'best effort' broadband circuits to deliver consistent enterprise-class application performance even at full network load; *ActiveCompression™* delivers up to 20 times the network capacity as available 'virtual bandwidth' for greater throughput and application performance without costly link upgrades; and Smart Classifier automatically prioritizes and optimizes data based on the traffic type.

High Capacity

The HR4400 is capable of supporting high-throughput speeds without compromising its security functions. As a result, remote branches can operate with more security, more control, and more intelligence with fast network performance.

Significant Cost Savings

By combining security, routing, and WAN optimization into a single managed offering, the HR4400 is more cost effective than purchasing multiple purpose-built devices for each branch location. Embedded optimization technology makes it possible to enjoy high application performance over standard broadband networks, instead of expensive T1 or Ethernet access.

Available now, the Hughes HR4400 Branch Gateway will be introduced at the 2014 Interop Las Vegas event starting April 1st at

the Mandalay Bay Conference Center, Booth #650.

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 4 million systems to customers in over 100 countries, representing approximately 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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