Hughes Launches Fully Managed SD-WAN Solution for Distributed Organizations

Delivered as an Easy-to-Deploy, Fully-Managed Network Service for retail, restaurant, financial services and government sectors

GERMANTOWN, Md., Jan. 19, 2017 /PRNewswire/ -- Hughes Network Systems, LLC (Hughes), a leading Managed Services Provider of network solutions, today introduced the *Hughes Managed SD-WAN,* delivered as an end-to-end turnkey network. *Hughes Managed SD-WAN* joins the comprehensive range of HughesON™ networking services for highly distributed organizations, such as those in the retail, restaurant, financial services and government sectors.

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"Digitization is a vital transformation for companies, but digitization requires the network to transform as well," notes Zeus Kerravala, Founder and Principal Analyst with ZK Research. "SD-WAN is the right, next generation solution for today's businesses seeking greater agility, richer customer experience and improved operational efficiencies. However, distributed organizations face unique deployment challenges that a managed service can help overcome to realize the full potential of an SD-WAN."

The *Hughes Managed SD-WAN* helps to overcome these challenges with significant benefits compared to traditional private networks, including cloud readiness, high performance, higher network and application availability, network flexibility and cost savings. It leverages innovative Hughes ActiveTechnologies™ to transform ordinary broadband connections into enterprise-grade high performance WANs, including support for demanding applications such as VoIP and video. These include:

  - **ActivePath™,** which incorporates powerful algorithms and techniques that exploit the use of multiple branch paths. It ensures applications are delivered without interruption across the secure WAN regardless of degradation on a single path.
  - **ActiveQoS™,** which continuously measures end-to-end capacity on broadband links, dynamically updating multi-level path priority queues and traffic shapers to best maximize branch bandwidth usage. This results in dramatically improved performance for VoIP and video traffic across all outlets, especially those served by lower bandwidth service plans.
  - **ActiveClassifier™**, which automatically and dynamically classifies traffic based on flow behavior, eliminating the time-consuming process of manually configuring and maintaining rules to classify and prioritize specific applications required by otherSD-WAN products. This optimization is particularly critical for real-time and cloud-based applications allowing this traffic to be prioritized over non-time sensitive data.
  - **ActiveCompression™,** which reduces network congestion and improves application performance, especially at bandwidth-constrained branch sites.

As part of the solution, Hughes integrates and manages cost effective nationwide broadband access, including cable, fiber, cellular and high-throughput satellite transports in flexible configurations.

"With organizations continuing to adopt new cloud-based and rich media applications, networks are facing more traffic and stress than ever before," said Mike Cook, senior vice president, North American Division at Hughes. "The *Hughes Managed SD-WAN* delivers a unique solution that combines innovative broadband optimization technologies with the benefits of integrated service management, addressing the challenges for organizations with numerous far flung operating locations. As a leading provider of managed network services in North America, Hughes has the proven success and innovative technologies to offer customers a fully managed network service that optimizes performance and resolves bandwidth, availability and cloud access challenges."

The *Hughes Managed SD-WAN* incorporates advanced best-in-class on premise and network based security capabilities. Security services are managed through Hughes Security Operations Center (SOC), staffed by experienced security

professionals armed with state-of-the-art security tools.

For more information, visit: http://business.hughes.com/sdwan

About Hughes Network Systems
Hughes Network Systems, LLC (Hughes) is the global leader in satellite broadband for home and office, delivering innovative technology solutions and a comprehensive suite of HughesON™ managed services for enterprises and governments worldwide. 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 5 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.

About EchoStar
EchoStar Corporation (NASDAQ: SATS) is a premier global provider of satellite and video delivery solutions. Headquartered in Englewood, Colo., and conducting business around the globe, EchoStar is a pioneer in secure communications technologies through its EchoStar Satellite Services, EchoStar Technologies and Hughes Network Systems business segments. For more information, visit echostar.com. Follow @EchoStar on Twitter.

To view the original version on PR Newswire, visit:http://www.prnewswire.com/news-releases/hughes-launches-fully-managed-sd-wan-solution-for-distributed-organizations-300393456.html

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