



Hughes JUPITER System Selected by Speedcast to Power Cellular Backhaul and Enterprise Services Across Central America

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High-performance satellite broadband system to enable services in Nicaragua and other Central American countries, spurring economic growth

GERMANTOWN, Md., Feb. 27, 2019 /PRNewswire/ -- [Hughes Network Systems, LLC](#) (HUGHES), the global leader in broadband satellite networks and services, today announced that [Speedcast](#), a trusted provider of remote communications and IT solutions, has chosen the Hughes JUPITER™ System to power cellular backhaul over satellite and enterprise VPN services for a leading mobile network operator in Managua, Nicaragua. The operator will employ a JUPITER Ku-Band hub and nearly 100 satellite terminals to expand its cellular 3G and 4G services in Nicaragua and throughout Central America, along with providing VPN services for enterprises to increase speed and security of critical business networks and grow new markets.



"Our JUPITER System is the ideal solution for cost-effective satellite backhaul of cellular networks across difficult terrain such as in Central America," said Dan Losada, vice president, sales, International Division, Hughes. "It enables the Nicaragua operator to improve their offerings and expand service in support of economic and social development in the region. We are proud of the confidence in Hughes and our JUPITER System by Speedcast, one of the world's leading providers of remote communications and IT solutions, and look forward to working with them in delivering high reliability systems that help close the digital divide."

Erwan Emilian, executive vice president, Enterprise & Emerging Markets, Speedcast, said "We continue to see strong demand for connectivity in emerging markets, and through our partnership with Hughes, the local carrier in Nicaragua will be able to expand services to people and businesses either unconnected or unsatisfied with current communications options. We are proud of the trust our customers in new and emerging markets have in Speedcast and Hughes to provide best-in-class critical communications services that will enable them to grow their businesses."

Supporting a wide range of applications across all market sectors—consumer, enterprise, government and mobility—the industry-leading Hughes JUPITER System is the world's most widely deployed satellite broadband platform, currently serving more than 1.3 million subscribers in the Americas. With DVB-S2X technology built-in, JUPITER delivers more than 200 Mbps of TCP throughput per terminal and has been deployed by leading operators on both conventional and High-Throughput Satellites (HTS). For cellular backhaul applications, it includes 4G/LTE optimization that yields 30 to 60 percent bandwidth savings over conventional backhaul solutions.

For more information about the JUPITER System, please visit: <https://www.hughes.com/technologies/broadband-satellite-systems/jupiter-system>

About Hughes Network Systems

Hughes Network Systems, LLC (HUGHES) is the global leader in broadband satellite technology and services for home and office. Its flagship high-speed satellite Internet service is HughesNet®, the world's largest satellite network with over 1.3 million residential and business customers across the Americas. For large enterprises and governments, the company's HughesON® managed network services provide complete connectivity solutions employing an optimized mix of satellite and terrestrial technologies. The JUPITER™ System is the world's most widely deployed High-Throughput Satellite (HTS) platform, operating on more than 20 satellites by leading service providers, delivering a wide range of broadband enterprise, mobility and cellular backhaul applications. To date, Hughes has shipped more than 7 million terminals of all types to customers in over 100 countries, representing approximately 50 percent market share, and its technology is powering broadband services to aircraft around the world.

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. For additional information about Hughes, please visit www.hughes.com and follow [@HughesConnects](https://twitter.com/HughesConnects) on Twitter.

About EchoStar

EchoStar Corporation (NASDAQ: SATS) is a premier global provider of satellite communication solutions. Headquartered in Englewood, Colo., and conducting business around the globe, EchoStar is a pioneer in secure communications technologies through its Hughes Network Systems and

EchoStar Satellite Services business segments. For more information, visit echostar.com. Follow [@EchoStar](https://twitter.com/EchoStar) on Twitter.

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