



Hughes 63W Payload on Telstar 19 VANTAGE Satellite Successfully Launched

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New Ka-band capacity will extend connectivity to more than 90% of people in Brazil, Chile, Colombia, Ecuador and Peru

GERMANTOWN, Md., July 23, 2018 /PRNewswire/ -- [Hughes Network Systems, LLC](#), (Hughes) an EchoStar company, today announced the successful launch of its Hughes 63W Ka-band hosted payload on the Telstar 19 VANTAGE (Telstar 19V) satellite. With this new High-Throughput Satellite (HTS) capacity over South America, Hughes will offer HughesNet broadband services to businesses and residences, managed network services to enterprises, cellular backhaul to mobile network operators and community Wi-Fi solutions to enable governments to bridge the digital divide. Built by Space Systems Loral (SSL) for Telesat, a leading global satellite operator, the Telstar 19V was launched aboard a SpaceX Falcon 9 rocket from Cape Canaveral, Florida.



"With the launch of Hughes 63W, Hughes reaffirms its commitment to powering a connected future for people and businesses in Brazil, Chile, Colombia, Ecuador and Peru," said Pradman Kaul, president and CEO of Hughes. "To enable this HTS capacity, we are also opening new gateways in Brazil and Chile, which will complement our five JUPITER System gateways in the U.S. in meeting the increasing demand for connectivity across the Americas."

Hughes will deploy its next-generation JUPITER™ System technology for the ground system and customer premises equipment to deliver broadband services on Hughes 63W. The JUPITER System supports a wide range of applications including consumer and small- and medium-sized business (SMB) broadband internet service, community Wi-Fi, cellular backhaul, managed network services and mobility, including aeronautical services.

Hughes 63W brings substantial capacity to five countries in Latin America, reaching more than 90% of people in Chile, Ecuador and Peru. In Brazil, where HughesNet satellite Internet service is already available via Hughes 65W capacity, the new payload will complement the existing service and offer connectivity to more than 90% of Brazilians. In Colombia, the new Hughes 63W capacity will enhance the broadband connectivity provided via the company's JUPITER 2 satellite to reach more than 96% of Colombians.

Services on Hughes 63W are expected to begin in early fourth quarter 2018, after Telesat and SSL complete orbit-raising and in-orbit testing of Telstar 19V. Hughes has signed a 15-year agreement with Telesat for the Ka-band capacity.

For further information:

- Hughes 63W: <https://www.hughes.com/technologies/hughes-high-throughput-satellite-constellation/telstar-19-vantage>
- Hughes JUPITER System: <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 1.2 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 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 www.echostar.com. Follow [@EchoStar](https://twitter.com/EchoStar) on Twitter.

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