



February 3, 2015

## Turksat Selects Hughes JUPITER Technology

### Award-winning JUPITER high-throughput (HTS) ground system for Turksat 4B satellite

GERMANTOWN, Md., Feb. 3, 2015 /PRNewswire/ -- Hughes Europe, the European operating and sales unit of Hughes Network Systems, LLC (HUGHES), the world's leading provider of broadband satellite solutions and services, today announced that Turksat, the leading satellite operator in Turkey, has selected Hughes' award-winning JUPITER™ high-throughput (HTS) satellite ground system to enhance Turksat's satellite services across Turkey and neighboring countries in Europe and the Middle East.



This latest agreement builds upon the long-standing relationship between the two companies. Through the deployment of the innovative JUPITER ground system, Turksat will provide a variety of high-speed Ka-band satellite services to consumers, governmental organizations including schools, and non-governmental organizations. These services will be introduced following the launch of the Turksat 4B satellite, scheduled for early next year.

Senol Gulgonul, vice president of Satellite Operations at Turksat, said, "Turksat is pleased to have Hughes on board for this important project to meet the growing demand for high-speed satellite broadband. Turksat will provide Ka-band VSAT services through the deployment of Hughes cutting-edge technology using the Turksat 4B satellite."

"Hughes is proud that Turksat has selected our award winning JUPITER System for this new program," said Chris Britton, managing director, Hughes Europe. "Turksat is an innovative company that wanted a best-in-class solution and chose JUPITER for its technology innovation to harness the power of the industry's new breed of satellites, bringing high-speed satellite services to a wider audience."

Employing a novel System on a Chip (SoC) to power the remote terminals and numerous other advances including enhanced air interface featuring wideband carriers, the JUPITER system's modular design makes it the ideal, future-proof platform for operators to gain technology and cost advantages. In addition to powering the HughesNet® broadband satellite Internet service in North America, the versatile JUPITER platform has been chosen as the high-throughput satellite technology of choice by operators in Latin America, Russia, Canada, Mexico, Malaysia, and the Middle East.

Designed to extract the maximum capacity and performance from advanced satellites such as EchoStar XIX and Turksat 4B, the JUPITER ground system features industry best efficiency and performance, a very dense and robust gateway architecture with lights-out operation capability, and high-throughput terminals. For these and several other reasons, the Hughes JUPITER system was named 2014 Technology Innovation of the Year at VSAT 2014.

#### About Turksat

Turksat A.S. is the leading satellite operator in its region, providing TV broadcasting and data communication services throughout Europe, Turkey, Africa, and Asia. Turksat also provides cable TV broadcasting and Internet services, which are provided to subscribers through its fiber optic cable infrastructure. The Turkish e-Government gateway operated by Turksat, offers access to all government services electronically. For more information please visit, [www.turksat.com.tr](http://www.turksat.com.tr).

#### About Hughes Europe

Hughes Europe is the European operating and sales organization for Hughes Network Systems, LLC (HUGHES) with facilities in Germany, the UK, and Italy. Utilizing its satellite hub earth station and network operations center in Griesheim, Germany, Hughes Europe provides Hughes broadband satellite and terrestrial solutions to large enterprises, government organizations and small businesses throughout the continent, both directly and through a growing family of value-added service providers. These networks support rapid, reliable transmission of data, voice, video, and multimedia content. For more information, please visit [www.hugheseurope.com](http://www.hugheseurope.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 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](http://www.hughes.com).

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