# 中东的石油公司选择休斯 **Jupiter** 系统用于石油井场的远程监控

这些井场分布在方圆几百英里的荒漠中。

该用户将来的卫星网络将由 2 个 Jupiter 主站和 600 多个野外 SCADA 数据传输卫星终端组成。

除了这个中东石油公司，到目前已有为数不少的国际著名卫星运营商选择休斯的 Jupiter 系统来构建 Ka、或 Ku 的宽带卫星通信平台，包括拉美的 Media Networks (MNLA)、俄罗斯的 Ka-Internet/RSCC,、土耳其的 Turksat、马来西亚的 TS Global Network Sdn Bhd 和墨西哥的 Grupo Pegaso。

休斯 Jupiter 系统在 2014 年英国 VSAT 大会上荣获"年度技术革新奖"，是全球最先进卫星宽带平台之一:

- 主站和小站采用 SoC 系统芯片(System on a Chip)
- 主站每个 DVB-S2 载波支持 225M 符号率，超集成/高密度的主站硬件结构支持单机柜 1Gbps 的通信容量
- 单台小站支持 100Mb/s 的吞吐能力
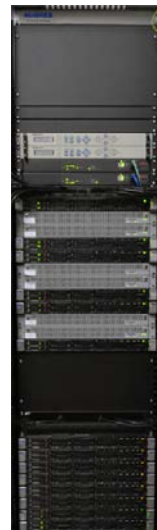
Major Middle Eastern Energy Company Selects Hughes JUPITER System to Power Oil Well Monitoring Network

Germantown, Md., March 24, 2015—One of the largest Middle East-based petroleum companies has chosen Hughes Network Systems, LLC (Hughes) to supply its award-winning JUPITER™ System as the foundation network for monitoring oil wellheads across hundreds of miles of harsh desert.

The customer's network will consist of two JUPITER gateways and more than 600 ruggedized SCADA (Supervisory Control and Data Acquisition) satellite terminals developed by Hughes specifically for this application. Hughes was chosen because of its leadership in the satellite industry and proven experience with Ku- and Ka-band technology.

"We are proud to have been selected for this strategic project, which was especially challenging due its sheer size and harsh desert conditions," said Soheil Mehrabanzad, assistant vice president, Middle East/North Africa (MENA) region at Hughes. "It's an excellent example of how we're able to quickly adapt our powerful JUPITER satellite networking platform—in this case for a high security SCADA application—to deliver the most cost-effective solution to satisfy the demanding requirements of coverage, expansion capacity, and security."

The Middle Eastern company is the most recent customer of many leading service providers who have chosen the JUPITER System as the foundation platform for both high-throughput satellite (HTS) and conventional satellite broadband networks. This growing list includes Media Networks Latin America (MNLA), a Telefonica subsidiary in Latin America, Russian service provider Ka-Internet/RSCC, Turksat in Europe, Malaysian operator TS Global Network Sdn Bhd, and Grupo Pegaso in Mexico.

Named the 2014 Technology Innovation of the Year at VSAT Global 2014 in September, JUPITER features a high density and robust gateway architecture with lights-out operation, an enhanced IPoS air interface for efficiency and performance, and high-throughput terminals. The foundational technology is the powerful JUPITER System on a Chip (SoC), an advanced VLSI processor, employing a multi-core architecture and enabling 100 Mbps of throughput on every terminal within the JUPITER family.
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