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## **Hughes Selected by Maju Nusa to Supply HX System 4.0 for Satellite-Based Cellular Backhaul Services in Southeast Asia**

### **HX NOC and 130 Hughes HX terminals to connect 2G and 3G cellular sites in rural areas**

GERMANTOWN, Md., March 26, 2013 /PRNewswire/ -- Hughes Network Systems, LLC (HUGHES), the global leader in broadband satellite solutions and services, today announced that it has signed a contract with Maju Nusa Sdn Bhd (Majunusa), Malaysia's fastest growing VSAT service provider, to supply an HX System 4.0 NOC (Network Operations Center) and 130 HX broadband satellite terminals. Majunusa will utilize the System to deliver cellular backhaul services for 2G and 3G sites in rural areas without access to cost-effective terrestrial communications.

(Logo: <http://photos.prnewswire.com/prnh/20110112/NE29456LOGO>)

Launched in 2012, the HX System 4.0 includes a host of technology enhancements such as low jitter/delay and real-time streaming, making it ideal for cellular backhaul applications. Additionally, the HX90 satellite broadband router features a new optimized encapsulation scheme on the outroute and advanced LDPC coding on the inroute, yielding best-in-class throughputs and lowest operational costs on satellite links.

Shahrudin Salehuddin, managing director of Majunusa said, "Hughes is one of our alliance partners and provides us with the leading-edge platforms and technology we need to deliver market-winning IP-based solutions over satellite. The Hughes HX System 4.0 allows us to connect remote parts of the country and offer cost-effective backhaul for cellular mobile services without having to worry about jitter and latency on the satellite network."

"For people who live in these rural areas, this will be the first time that they will have cellular services in their communities," said Ramesh Ramaswamy, vice president of sales and marketing, International Division at Hughes. "Hughes is deeply committed to delivering solutions that meet the challenge of providing cost-effective communications in rural and remote areas worldwide."

Hughes was selected based on its excellent reputation among existing customers in the region and Majunusa's success in operating their first Hughes HX System ordered at the end of 2011. Installation of the new HX network has begun and is expected to be completed by April 2013.

#### **About Maju Nusa**

Maju Nusa Sdn Bhd (Majunusa), headquartered in Selangor, Malaysia and incorporated in September of 1993, is a managed network service provider and systems integrator. Majunusa is the fastest growing VSAT service provider in Malaysia, delivering innovative, reliable and cost-effective solutions and premium managed services to its customers using leading edge technology. Through strategic alliances with its international principals, it has evolved to specialize in providing sophisticated, state-of-the-art, total IP-based and industry-leading telecommunications solutions.

Majunusa currently has two VSAT hubs in Malaysia to serve customers in Malaysia and South East Asia. For additional information, please visit [www.majunusa.com.my](http://www.majunusa.com.my).

#### **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 3.3 million systems to customers in over 100 countries, representing over 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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