The JUPITER™ System is the next generation very small aperture terminal (VSAT) platform from Hughes for broadband services over both high-throughput and conventional satellites. Featuring a flexible and robust gateway architecture with lights-out operation, enhanced IPoS air interface for bandwidth efficiency and performance, and high-throughput terminals, JUPITER enables operators to achieve the highest possible capacity and efficiency for any satellite broadband implementation over Ka-band, Ku-band or C-band.

**APPLICATIONS**

**Enterprise & Government Networks**
Powering primary and back-up networks for retail, restaurant, retail petroleum, convenience store, financial, pipeline, monitoring and distance learning applications, among others

**Community Wi-Fi Hotspots**
Enabling more than 32,000 satellite-powered Community Wi-Fi Hotspots

**Satellite Internet**
Supporting more than 1.4 million HughesNet® subscribers across the Americas

**Aeronautical In-flight Connectivity**
In use on aircraft around the world, roaming-capable across JUPITER-equipped systems

**Maritime Connectivity**
Delivering connectivity anytime, anywhere aboard ships, off-shore drilling rigs and military vessels

**Fixed Cellular Backhaul**
Backhauling more than 10,000 cellular sites across Africa, Asia and Latin America

The powerful JUPITER System on a Chip (SoC), the industry-first, custom-designed VLSI processor employing a multi-core architecture and enabling 300 Mbps of throughput on every terminal within the JUPITER family.