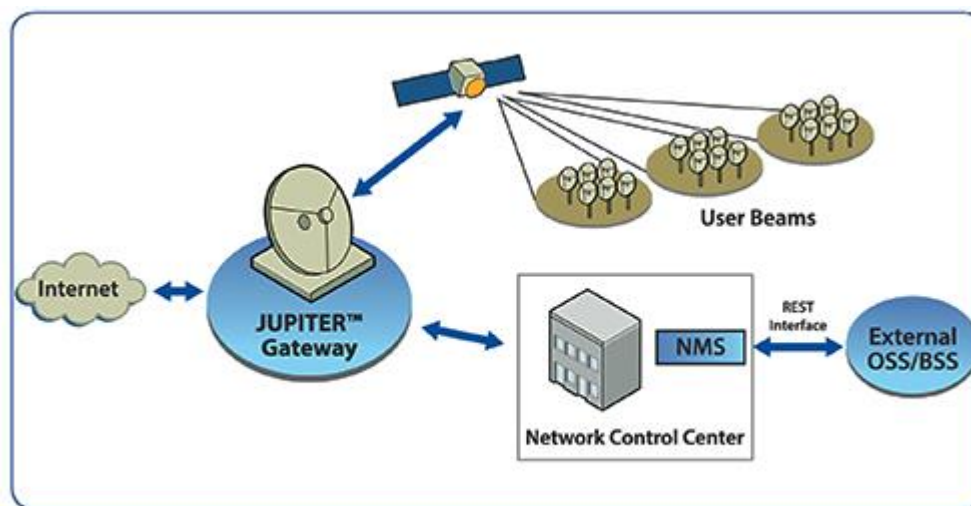February 27th, 2019

Hughes is Selected by Speedcast to Implement the JUPITER™ System for Cellular Backhaul in Central America

The [Hughes JUPITER™ System](#) has been selected by [Speedcast](#) to power cellular backhaul over satellite and enterprise VPN services for a leading mobile network operator in Managua, Nicaragua.
The operator will employ a ***JUPITER*** Ku-band hub and nearly 100 satellite terminals to expand its cellular 3G and 4G services in Nicaragua and throughout Central America, along with providing VPN services for enterprises to increase speed and security of critical business networks and grow new markets.

The High-level JUPITER System Architecture

Supporting a wide range of applications across all market sectors — consumer, enterprise, government and mobility — the Hughes JUPITER System is, according to the company, the world's most widely deployed satellite broadband platform, currently serving more than 1.3 million subscribers in the Americas. With DVB-S2X technology built- in, JUPITER delivers more than 200 Mbps of TCP throughput per terminal and has been deployed by operators on both conventional and HTS. For cellular backhaul applications, it includes 4G/LTE optimization that yields 30 to 60 percent bandwidth savings over conventional backhaul solutions.

Executive Comments
Dan Losada, VP, sales, International Division, Hughes, said the JUPITER System is the ideal solution for cost-effective satellite backhaul of cellular networks across difficult terrain, such as in Central America. It enables the Nicaragua operator to improve their offerings and expand service in support of economic and social development in the region.

Erwan Emilian, EVP, Enterprise & Emerging Markets, Speedcast, added that the company continues to see strong demand for connectivity in emerging markets, and through this partnership with Hughes, the local carrier in Nicaragua will be able to expand services to people and businesses either unconnected or unsatisfied with current communications options.