

Major Asian Mobile Operator Chooses NOVELSAT as Satellite Backhaul Modem Provider

Initial order for 30 NOVELSAT NS3000 Satellite Modems with NOVELSAT NS3 transmission software

Ra'anana, Israel, February 23, 2017 – NOVELSAT, a world leader in satellite transmission technology, today announced that one of Asia's largest mobile operators has selected NOVELSAT as the primary modem technology provider to support their satellite mobile backhaul network. The initial deal includes around 30 NOVELSAT NS3000 Professional High-Data Rate Satellite Modems, each running NOVELSAT NS3, the 3rd generation satellite transmission waveform from NOVELSAT, as well as IP acceleration and optimization technologies.

The operator was seeking a solution to replace their existing E3 architecture for Ethernet IP transmission over mobile. The desired solution needed to offer the highest possible spectral efficiency without sacrificing link quality or reliability, and which would deliver the best ROI for a network that reaches beyond urban centers into numerous outlying remote locations. NOVELSAT NS3 and the various optimization, IP acceleration and redundancy technologies from NOVELSAT were key factors in the operator's decision.



NOVELSAT NS3000 Professional High-Data Rate Satellite Modem

NOVELSAT NS3 is an optional software package available in all NOVELSAT satellite modems, modulators and demodulators, which also support and are backward compatible with all industry standards, including DVB-S, DVB-S2 and DVB-S2X. NOVELSAT NS3 can boost capacity by up to 40% compared with DVB-S2, the current industry standard, without increasing bandwidth demand.

The combined TCP acceleration and optimization solution, integrated into the NOVELSAT NS3000 modem, completely fills data link capacity and compensates for satellite delay. Additional features, proven to enable modem traffic to exceed link bandwidth capacity, include header and payload compression, byte caching for dramatic data reduction on multi-pass traffic, Web object caching to improve Web surfing performance and advanced cellular compression (ACC) to support 2.5G, 3G and 4G backhaul links. This is a hardware and software option that uses advanced TCP/IP acceleration algorithms based on the Space Communications Protocol Specification (SCPS).

“Asia has been a strong growth market for NOVELSAT,” said Itzik Wulkan, NOVELSAT CEO. “Our solutions are so attractive in the region because of the reliable, cost-effective operation that they enable. For mobile backhaul that relies on bi-directional satellite communication, NOVELSAT NS3 and other innovative NOVELSAT technologies make selecting a solution easy for mobile operators.”

About NOVELSAT

NOVELSAT is a leading provider of next-generation content connectivity solutions. Powered by innovative technologies, our broadcast and broadband solutions are transforming networks' capabilities to expand growth potential and to drive new experiences on any device, anytime, anywhere. Our high-performance products for satellite and terrestrial content connectivity include integrated video solutions and highly efficient broadband connectivity solutions, as well as best-in-industry content security solutions. Transforming delivery of data and video with new levels of performance, efficiency, agility, and security, NOVELSAT empowers mission-critical and demanding applications for the telecom, enterprise, media, entertainment, government, and mobility markets. For more information visit www.NOVELSAT.com