

NOVELSAT Introduces a Compact Multi-Receiver for Satellite IP Data Hubs Offering Up to 2Gbps Per Unit

New NOVELSAT NS-HUB4000 optimizes data hub rack space with up to 32 high-efficiency satellite receivers in a Single 1U unit.

Ra'anana, Israel, February 11, 2019 – NOVELSAT, a world leader in satellite transmission technology, today announced availability of their new Multi-Rx Satellite IP Demodulator, the NOVELSAT NS-HUB4000. The NS-HUB4000 is a multi-receiver satellite transmission IP unit designed for mobile backhauling and enterprise satellite data transmission network operators, who want to optimize their hub CAPEX and achieve high transfer rates for inbound data traffic.

The NS-HUB4000 houses four internal Rx cards, each with 8 satellite receivers, packing up to 32 high-efficiency receivers into a single 1U rack-mounted unit. The compact NOVELSAT NS-HUB4000 is the ideal choice for Point-to-Multipoint satellite network data applications in which a single NS-HUB4000 hub unit can receive data at an aggregate inbound rate of up to 2Gbps. Each of the 32 NS-HUB4000 carriers can simultaneously receive at up to 120Mps per carrier, saving rack space and reducing equipment and operating expenses.

The NS-HUB4000 supports automated hot-standby redundancy plans that eliminate any single point of failure without any external equipment. In addition to multiple receivers, the NS-HUB4000 is equipped with dual power units and dual external interfaces.

The cost-effective NS-HUB4000 includes built-in IP processing features to improve data transmission efficiency. NS-HUB4000 interfaces include Ethernet 1G/10G, dual power supply ports, and M&C interfaces such as USB ports and an SD card slot for data import/export, software upgrade and many other uses.

The NS-HUB4000 is a member of the NOVELSAT Professional Satellite Demodulator family. It is a major element in the NOVELSAT line of Point-to-Multipoint network solutions. Combined with the NOVELSAT NS300X or NS3000 modem series, the NovelNet NMS (Network Management System), and NOVELSAT LIBRA (Dynamic Resource Allocation Solution), the NS-HUB4000 contributes to an optimized and highly efficient Point-to-Multipoint network.

According to Ronen Sadan, NOVELSAT AVP Marketing, "The one thing we hear most from our customers is, 'How can we optimize satellite hub costs?'. "Between superior bandwidth efficiency and the many signal optimization features offered by NOVELSAT, and now up to 32 receivers in a single box, the NS-HUB4000 is a perfect space saving, cost saving satellite transmission solution for enterprise satellite IP data service providers."

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