

NOVELSAT Announces Official Launch of PCIe-based Satellite Broadcast Cards for OEM Integration

The New NS10C and NS20C from NOVELSAT Are the Only Satellite Modulator and Demodulator Cards That Support DVB-S, DVB-S2, DVB-S2X and NOVELSAT NS4™.

Ra'anana, Israel, September 5, 2018 – NOVELSAT, a world leader in satellite transmission technology, today announced global availability of the new PCIe-based NOVELSAT **NS10C** Satellite Modulator Card and **NS20C** Satellite Demodulator Card. The new cards from NOVELSAT are designed for plug and play integration into any PC-based satellite broadcast platform for Cable, DTH and OTT live delivery of SD, HD and Ultra HD content. They are ideal for both space-side and terrestrial OEM satellite broadcast applications including mobile flyaways and SNGs. They are the only satellite transmission cards that support all satellite transmission standards, including DVB-S/S2/S2X, DVB-CID and **NOVELSAT NS4™**, as well as the **NOVELSAT DRM** (Digital Rights Management) license.

The space saving PCIe form factor helps to reduce power consumption and maintenance – important when going mobile with SNGs and flyaways. The NS10C and NS20C enable broadcasters to build all-in-one distribution solutions by integrating a modulator into an encoder, convert a decoder into an IRD by adding a demodulator, enhance transcoders, multiplexers, statmuxes, packagers and origin servers.

In addition, the NS10C and NS20C add versatility to every mobile satellite operator (SNG, Flyaway etc.) who can now support, on-the-fly, any satellite transmission standard (DVB-S/S2/S2X and NOVELSAT NS4™) used by various broadcasters.

When equipped with the optional NOVELSAT NS4™™ waveform, the NS10C/NS20C cards support high data rates of up to 425Mbps using 80Msps, enabling transmission of a single carrier over an entire 84MHz transponder. NOVELSAT NS4™ delivers satellite bandwidth savings of up to 45% compared with DVB-S2 and 32% vs. DVB-S2X. The NS20C also packs groundbreaking signal processing methods such as an adaptive equalizer and error correction techniques that enable the receiver to be more resilient to impairments.

“The broadcast industry transition to IP is gaining momentum. With the new NOVELSAT PCIe-based satellite transmission cards, we can meet its changing demands, plus give broadcasters a product with the flexibility to seamlessly support all satellite broadcast standards,” said Itzik Wulkan, NOVELSAT CEO. “Our new cards are already integrated into a number of solutions from selected partners, with successful reports from the field.”

Visitors at IBC 2018 in Amsterdam, September 13-18 will be able to see the new NS10C and NS20C satellite modulator and demodulator cards in the NOVELSAT booth, A51 in Hall 5.

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,



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