

NovelSat Integrates XipLink's Wireless Link Optimization into Entire Family of Satellite Modems

XipLink solution to augment existing NovelSat optimizations to enable highest data efficiencies for SCPC satellite modems.

Ra'anana, Israel, March 4, 2016 – NovelSat, a world leader in satellite transmission technology, has partnered with XipLink, the technology leader in wireless link optimization, to add XipLink's software into all NovelSat satellite modems. The combination of NovelSat hardware and XipLink's technology offers satellite communications customers significantly higher data throughput while simultaneously providing a better user experience.

The new solution integrates XipLink Optimization Software (XipOS) with specially implemented internal modem hardware to deliver maximum TCP data capacity over satellite links using advanced TCP/IP acceleration algorithms based on the Space Communications Protocol Specification (SCPS).



The New NovelSat NS300X IP Satellite Modem with Integrated XipLink TCP Acceleration

“XipLink’s enduring focus on accelerating and then optimizing satellite bandwidth provides tremendous value across several industry verticals” said Bruce Bednarski, SVP Business Development. “Our collaboration with NovelSat has yielded a cost effective, power-saving solution that is delivered in a single-box solution, which is sure to please NovelSat’s customers.”

The combined TCP acceleration solution, integrated into NovelSat NS3000, NS300 and the new NS300X modems, 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.

The new integrated solution with XipLink XipOS is particularly beneficial for point-to-point and point-to-multipoint satellite transmission applications such as cellular backhaul and IP trunking. The solution is now available as an option in all new NovelSat satellite modems.

“NovelSat modems already have a reputation for record-breaking bandwidth efficiency,” said Efi Levinzon, NovelSat VP R&D. “With built-in XipLink Wireless Link Optimization, the NovelSat advantage is now even more attractive to customers who pay a premium for satellite bandwidth.”

NovelSat is inviting satellite communications providers, users and integrators to learn more about this and other innovations in satellite transmission at the [Satellite 2016](#) show, March 8-10 at National Harbor, MD.

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About NovelSat

NovelSat is a technology company dedicated to providing next-generation modulation technologies for satellite communications. NovelSat offers superior spectral efficiency with its NovelSat NS4™ satellite transmission software package, which is available in all NovelSat satellite modems, modulators and demodulators. NovelSat equipment also supports DVB-S, DVB-S2 and DVB-S2X transmission standards. In addition to spectral efficiency, NovelSat offers unmatched resilience algorithms that mitigate the effects of various interference types. NovelSat solutions deliver the satellite industry's most compelling ROI and the most scalable transmission solutions from 64Kbps to 850Mbps on a single modem. Learn more at www.novelsat.com

About XipLink, Inc.

XipLink is the technology leader in wireless link optimization using standards-based SCPS protocol acceleration, streaming data compression and Internet optimizations to deliver the maximum capacity over stressed wireless communication links. XipLink is a privately owned company with headquarters in Montreal, Quebec Canada and field personnel worldwide.

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Schedule a meeting with the **NovelSat** management team at **Satellite 2016** at the Gaylord Convention Center, National Harbor, MD, March 7-10. Visit us at **Booth #100**.