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Dual Optimized M7 Satellite Modems from Datum Systems

March 24, 2015 – San Jose, CA – Datum Systems, an industry leader in advanced bandwidth efficient and high performance SCPC satellite modems announces a key technology partnership with XipLink to embed their latest generation of optimization software (XipOS 4.3) into its M7 Series modems. XipLink is the technology leader in wireless link optimization and a previous Technology of the Year Award recipient by the World Teleport Association.

By tightly integrating the XE-Series wireless optimization software within Datum Systems' highly efficient satellite modems, which already offers carrier cancelling, sharper carrier roll-off's and sophisticated low latency coding schemes, Datum Systems' modems will now accelerate and compress TCP/UDP data for maximum capacity.

"The more than double throughput capability of Xiplink's optimization software coupled with Datum Systems' more than 50 percent carrier bandwidth savings makes the M7 a true Dual Optimized modem and a win-win for our customers. Xiplink's powerful optimization and advanced streaming compression capabilities with our reliable high performance modems allows us to provide greater throughput and network efficiency to satellite based IP networking customers than ever before, just what today's wireless users require," said David Koblinski, Vice President of Datum Systems.

"We are excited by the flexibility and lower capital cost this partnership will bring to Datum Systems' growing customer base. The XE-Series software will also include XipLink Real Time (XRT) functionality to further extend and improve the current high performance Datum Systems line of satellite modems," said Bruce Bednarski, Senior Vice President for XipLink. "Technical enhancements such as XRT will compress, coalesce and prioritize VOIP and UDP for significantly more bandwidth and packet efficiency without compromising quality. XRT can provide bandwidth savings up to 50% on this traffic classification."

XipLink has enjoyed a very close technical and commercial partnership with Datum since 2012 when both companies collaborated to deliver XipLink's TCP acceleration and compression functionality into Datum's PSM modems. With Datum's evolution to the M7 series modem, customers will still have access to TCP acceleration and compression functionality but now delivered on a significantly more powerful platform capable of supporting the complete portfolio of XipLink's wireless link optimization features.

New high performance features such as byte-level caching and advanced cellular compression (ACC) will deliver sizeable reductions in the amount of bandwidth required to transport applications in several high growth vertical markets. For instance, byte-level caching reduces required bandwidth requirements by approximately 80% on repeated traffic including images, audio and video. Advanced cellular compression can reduce header and payload transport by up to 40% on both 3G/4G voice and data content as it traverses the network connection.

About Datum Systems

Datum Systems, located in the heart of Silicon Valley, California, has been solely focused on the innovation and manufacture of satellite communications modems for over 20 years. We specialize in the most spectral and bandwidth efficient SCPC modems in the industry and are the leader in low cost and compact modem products. Datum serves worldwide IP and alternative solutions for Mobile Backhaul, Trunking, Enterprise, Oil & Gas and Maritime. Solution Architectures include Point-to-Point, Point-to-Multipoint, Mesh, On-the-Move and SCADA. (Visit us at www.datumsystems.com)

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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 better wireless experiences 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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