

News Release

IDIRECT INTEGRATES XIPLINK VIRTUAL OPTIMIZATION SOLUTION WITH NEW X7-EC SATELLITE REMOTE

Integrated solution delivers acceleration, compression and optimization capabilities that enhance throughput for mobile operators and enterprise networks

Herndon, VA, March 2, 2016 – VT iDirect, Inc. (iDirect), a company of Vision Technologies Systems, Inc. (VT Systems), today announced that the XipLink Virtual (XV) Optimization solution is a supported application to run on the new iDirect X7-EC (embedded computing) satellite remote. This integrated solution couples advanced optimization capabilities with next-generation embedded computing hardware to improve traffic throughput and efficiency for mobile operators and enterprise networks. iDirect is a world leader in satellite-based IP communications technology.

The XipLink XV includes their Wireless Link Optimization suite of tools offering a range of acceleration, compression and optimization capabilities that enhance network throughput. The XipLink Wireless Link Optimization delivers an optimal solution for mobile operators and diverse enterprise requirements, featuring:

- Scalable TCP Acceleration that increases the usable bandwidth from 40% to 200% gain for all TCP applications, while also delivering a user experience benefit of 30% to 50% faster web page load times
- Packet coalescing to improve packet throughput performance of the satellite modem
- A byte caching engine that helps reduce bandwidth by 70-80%
- Link bonding and balancing capabilities that allow for more bandwidth and higher link availability
- Advanced Cellular Compression for optimizing mobile-specific traffic

The iDirect EC series of remotes enhance customer value by consolidating solutions that typically require the use of a multi-box configuration into a 1U rack-mounted form factor, and features extra processing power and memory needed to run value-added software applications. Each EC remote must be paired with a licensable application to create an enterprise-class solution.

The XipLink XV solution will be licensed for use with the X7-EC, a variant of the iDirect X7 satellite remote with advanced features such as two DVB-S2 demodulators, multicast capabilities and advanced mobility features with extra computing power. The integrated solution will be offered in three different XV license options based on throughput requirements and the number of sessions supported: XV-500i: (4 Mbps and 500 sessions); XV-4000i: (16 Mbps and 4000 sessions); and XV-6000i: (50 Mbps and 6000 sessions).

“Our customers rely on XipLink optimization solutions to ensure maximum bandwidth utilization over broadband satellite networks. By bundling our virtual solution with market-leading iDirect technology into a single-box solution, our customers receive a complete package that ensures the best performance and the most optimal cost of operation,” says Jack Waters, president and CEO, XipLink.

“The iDirect EC Series of remotes are developed to provide customers with the right solution based on specific market requirements like cost, throughput and mobility. By offering the XipLink Virtual Optimization capabilities at three levels of throughput, we help ensure that our customers have the appropriate bandwidth rate with the ability to scale up as market demands increase,” says David Harrower, vice president of business development, iDirect.

VT iDirect, a subsidiary of VT Systems, is a global leader in IP-based satellite communications providing technology and solutions that enable our partners worldwide to optimize their networks, differentiate their services and profitably expand their businesses. For more than 20 years, the VT iDirect organization has focused on meeting the economic and technology

challenges across the satellite industry. Today, the product portfolio, branded under the name **iDirect**, sets new standards in performance and efficiency, making it possible to deliver voice, video and data connectivity anywhere in the world. VT iDirect is the world's largest TDMA enterprise VSAT manufacturer and is the leader in key industries including mobility, military/government and cellular backhaul. In 2007, **iDirect Government** was formed to better serve the U.S. government and defense communities. For more information please visit www.idirect.net.

VT Systems is an engineering company providing integrated solutions to the commercial and government markets in the aerospace, electronics, land systems and marine sectors. VT Systems' innovative solutions, products and services include aircraft maintenance, repair and modification; software solutions in training and simulation; satellite-based IP communications technology; network solutions that integrate data, voice and video; rugged computers and computer peripheral equipment; specialized truck bodies and trailers; weapons and munitions systems; road construction equipment; and ship design and shipbuilding. Headquartered in Alexandria, Va., VT Systems operates globally and is a wholly owned subsidiary of ST Engineering. Please visit www.vt-systems.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 a better wireless experience over stressed communication links. XipLink is a privately owned company with Headquarters in Montreal, Quebec Canada and field personnel worldwide.

Media contacts: Julie Bettinger
Vice President, Corporate Marketing
VT iDirect
Phone: (1) 703 648 8155
Email: jbettinger@idirect.net

Hunter Rawley
Sr. Associate, Corporate Communications
VT Systems
Phone: (1) 703 739 2610
Email: hrawley@vt-systems.com