XipLink Extends Backhaul Optimization for Mission Critical and CBRS Networks

Provides complete optimization solutions for LTE/5G backhaul links

March 5, 2020 – Montréal, QC: XipLink, the technology leader in Wireless Link Optimization, today announced expanded support of mobile backhaul optimization for Mission Critical and CBRS networks.

Utilizing optimization and TCP Acceleration, XipLink´s solution will boost LTE and 5G performance by reducing mobile backhaul costs while simultaneously increasing download speeds at the mobile base station. This technology enables transport of increased customer traffic over satellite or wireless links, while simultaneously improving the Quality of Experience (QoE) for downstream subscribers.

With proven user-friendly solutions that are utilized by over 50 Mobile Network Operators (MNO's), XipLink is extending backhaul optimization to the following markets:

Mission Critical and Public Safety

With human lives on the line, Mission Critical and Public Safety Networks demand new levels of capacity and reliability to support the growing needs of paramedics, emergency medical technicians, police, firefighters, and military personnel. Effective communications that remain clear and consistent during catastrophic events, such as natural disasters or terrorist attacks, is vital for first responders. Emergency and public safety networks benefit from XipLink's optimized LTE/5G mobile backhaul technology by improving download times and rapid access to essential resources. The recent addition of Traffic Steering automated policies, leveraging XipLink's existing link balancing and bonding capability, effectively broadens first responder path selection to reduce risk and increase connection quality.

Thus far, XipLink has successfully empowered several public safety networks in North America, including the largest purpose built first responder cellular network of its kind. This optimized solution provides first responders with enhanced levels of backhaul efficiency and quality of service. Aside from providing necessary and lifesaving communications, XipLink has also reduced operating expenditures due to its optimization capabilities that were purposely designed for the mobile environment.

“First responders require reliable communications during critical times,” said Jack Waters, CEO at XipLink. “We are committed to offering innovative optimized backhaul that facilitates efficient network traffic movement while also improving the quality of experience required for the public safety community during emergencies and various other crises.”

Citizens Broadband Radio Service (CBRS) and Private LTE

With the Federal Communications Commission's (FCC) approval of full-scale commercial shared spectrum now available in the CBRS band, service providers and enterprises can take advantage to extend coverage and capacity. By doing so, companies can create their own public or private LTE and 5G networks with a low barrier-to-entry.

CBRS offers 150 MHz of spectrum in the 3.5 GHz band that is dynamically shared between incumbent and commercial users. This allows major cable operators, WISPs, MNOs, and other diverse enterprises to now deploy LTE and eventually 5G. XipLink is paving the way for the delivery of CBRS backhaul at a lower OPEX while providing higher throughput and improved availability.

“XipLink is excited that CBRS is ready for commercial deployment. This shared spectrum offers new opportunities for operators and enterprises,” said Tim Peyla, Senior Director, Business Development at XipLink. “Network operators using XipLink in underserved or rural communities can now increase the quality of experience for subscribers while reducing backhaul capacity cost.”

About XipLink, Inc.

XipLink is the leading independent global technology provider for 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), integration facilities in Ashburn, Virginia (USA) and field personnel worldwide.

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For more information about XipLink and a FAQ on this acquisition please visit www.xiplink.com