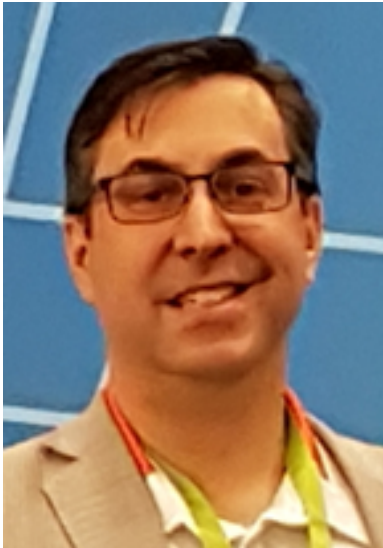


2018 Creative STORAGESM CONFERENCE

June 7th 2018 at the DoubleTree Hotel, Culver City, California

AN ENTERTAINMENT STORAGE ALLIANCE™ EVENT



Chris Whittington, CEO, Founder, crossPORT Network Solutions Inc.

TITLE: There is an IP in my workflow, or was that a Thunderbolt?

ABSTRACT

Protocol conversions and networking overheads required by IP solutions introduce latency, congestion and undue complexity for private communications; ultimately slowing the exchange of data between systems and making them vulnerable to external risks.

Switched / Bridged peripheral connections unlock a new possibility of ultra-fast dedicated communications across peer systems. Innovations in bridging and switching peripheral links offer IP-like network connectivity with the simplicity, speed and latency of high-speed bus communications and are perfect for building creative storage workflows that can be scaled to meet any data requirement.

Implemented and proven with USB 3.0, this new plug-and-play innovation offers the best of all worlds without further cost or complexity. Quickly scaling to 20 Gbps with standard USB 3.2 links, or 40 Gbps with Thunderbolt™ 3, bandwidth is limited only by connected system architectures.

Where Thunderbolt™ includes IP-based communications to link systems at either 1 Gigabits per second or 10 Gigabits per second, this new method uses the basic bus communications to establish an intrinsically secure System-to-System data transfer link at the full 10, 20 or 40 Gigabits per second.

This new connection method is demonstrated using USB, and can be adapted to Thunderbolt™, PCIe, GenZ, SCSI, MVNe and others. Direct System-to-System transfers of digital Media over HDMI, DisplayPort and others are also possible. No new hardware is required to connect peripheral communications available to existing systems; and requires the addition of a bridge-switch device and a small application.

BIOGRAPHY

A busy part-time technologist, family-man, Investor and IT Management Consultant, Chris Whittington is the co-inventor of a simpler, faster, more secure data transfer and networking solution for the exchange of large stores of