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MilSource Introduces New Four Port Versions of Ultra-compact, Ruggedized Military Ethernet Switches from Techaya

Smaller port density versions of COTS communications platform brings new level of SWaP performance to Ground Force, Avionic and Autonomous Vehicle applications

Los Angeles, CA, Oct 6, 2013 – MilSource, a newly-formed U.S.-based distributor of military-grade Ethernet connectivity solutions, today announced the availability of the two lower-port versions of the industry's smallest military Ethernet switches. Techaya [MILTECH 304](#) and [MILTECH 904](#) ultra-compact military-grade Ethernet switches soldier-carry and UAV applications. The MILTECH 304 is an unmanaged 4-port Fast Ethernet switch operating at 10 and 100 Mbps and at wire-speed across all ports. The MILTECH 904 is a 4-port ultra-compact 10/100/1000 managed gigabit Ethernet switch. The lower port density versions of Techaya solutions were developed for environments where there are less devices that need to communicate and every millimeter of space is crucial.

Both products lead the industry in size, weight and power (SWaP) with the MILTECH 304 having dimensions of 3.2" x 2.1" x 1.0" and weighing only 0.29 lbs, while the MILTECH 904 measures 3.94" x 2.9" x 1.4" and weighs only 0.82 lbs. The MILTECH 304 consumes only 2W of power and uses 5V power that can be supplied through a USB connection. The 904 uses less than 5W of power at 24VDC.

Ethernet and IP technologies are becoming ubiquitous throughout military and other mission-critical applications. Small, modular, components have become interoperable through Ethernet and have become critical components of new applications, including the future digital soldier, unmanned autonomous vehicles (UAVs), and robots. Compact systems, such as UAVs and future soldier applications that require video, advanced weaponry, radar and communications can all be connected with an Ethernet switch that's the size of a credit card due to these novel solutions delivered by Techaya.

"Earlier this year we introduced the MILTECH 308 and MILTECH 918 which were 'big brothers' to these new 4 port versions of our solutions," said Ronen Isaac, MilSource vice president. "Initial industry response was extremely positive, but some UAV manufacturers required an even smaller switch with a lower port count. We listened and, because of Techaya's ability to quickly respond to market requirements, we've delivered the new products within a matter of months."

Both products features mechanical packaging enhancements designed to meet MIL-STD-461E, MIL-STD-810F GM, MILSTD-704, IP68 standards. The units have been especially hardened to improve ingress, impact, and shock/vibration protection. All moving parts have

been eliminated and the unit uses passive cooling and sealed MIL-SCE circular connector interfaces.

MilSource will be featuring the complete line of MILTECH switches and communications hubs at AUSA in Washington DC, Oct 21-23 in booth 2357. For more information on the Techaya product line, go to www.militaryethernet.com. For more information on miniaturized, ruggedized Ethernet switching in military applications, download our [white paper](#).

About MilSource

MilSource takes 20+ years of computer and networking experience and brings a consultative approach to the military and aerospace industry. Noting the pervasiveness of Ethernet as a key networking component in the military/aerospace markets, the founders of WLANmall formed MilSource to focus on bringing these markets innovative, rugged, military-grade Ethernet communications solutions. MilSource is the exclusive U.S. distributor of Techaya's MILTECH line of military-grade switching, routing and other communications solutions. For information on MilSource or the Techaya product line, go to <http://www.militaryethernet.com/>.

About Techaya, Inc.

Techaya Inc. is a prime developer, innovator and manufacturer of military-grade, ruggedized COTS and "tailor-made" IP-based communication solutions where extreme conditions and unique tactical requirements are the norm. Their products and solutions are designed for military tactical rugged and unique applications involving extreme environmental conditions. Developed for military and harsh environment applications, the MILTECH product range features mechanical packaging enhancements designed for MIL-STD-810F airborne, marine and ground environmental compliance and high reliability. The unit has been especially hardened to improve ingress, impact, and shock/vibration protection, as well as eliminate all moving parts through passive cooling, and interface through sealed MIL-D-38999 circular connectors. Techaya's MILTECH products are tested and certified by an external accredited laboratory for MIL-STD-810F, MIL-STD-461E, MIL-STD-1275B, MIL-STD-704A, HIK-7 and IP-68. Visit www.techaya.com.