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Techaya Delivers Industry's First Ruggedized High-density Board-level Ethernet Switch/Routers Supporting 10 GbE for Embedded Network System Applications

Ultra-compact MILTECH 9124 and 9128 are equipped with 24 triple-speed plus four 10 GbE ports; deliver advanced switching/routing and come plug-in ready for SWAP-c environments

LOS ANGELES -- November 9, 2015 – MilSource, a U.S.-based distributor of military-grade Ethernet connectivity solutions, today announced the availability of the Techaya MILTECH 9124 and MILTECH 9128 board-level, ultra-compact, conformally coated, Layer 2/Layer 3 Ethernet switch/routers for use in military, avionic and commercial applications. Each with a built-in board-to-board connector, the MILTECH 9124 and MILTECH 9128 are the only ruggedized solutions available on the market to deliver advanced switching and routing capabilities on a high-density miniaturized plug-in module for embedded communications platforms.

The MILTECH 9128 features a class-leading 24 triple-speed (10/100/1000Mbps) ports plus four 10 Gigabit Ethernet (10 GbE) fiber optic ports on a form factor of 3.55 x 3.55 inches. The MILTECH 9124 features 24 triple-speed (10/100/1000Mbps) ports with dimensions of 2.55 x 3.55 inches. Both devices are conformally coated and ready to plug in to any rugged or military-grade communications platform housing.

Today's military and UAV platforms are increasingly adding bandwidth-intensive applications, such as video and radar, generating large amounts of network traffic that need to be delivered to data collectors, onboard recording servers and then off vehicle over IP-based radios. Never before have advanced networking features, such as support for virtual LANS (VLANS), traffic prioritization (QoS), bandwidth aggregation, dynamic routing (RIPV1,V2,OSPF V2/V3, Multicast Routing, VRRP, ECMP Routing) and full IPv6 support, been offered in a compact, standalone board level solution.

"Ethernet switches need to support these higher data rates and the growing number of devices on a platform, yet they also have to shrink in size and weight, so mobile platforms can accommodate all of these devices," said Ronen Isaac, general manager of MilSource. "The Techaya MILTECH 9124 and 9128 board-level switch/routers deliver advanced switching and routing capabilities with large port counts

and 10 Gigabit Ethernet connectivity in a foot print that is 96% smaller than packaged solutions previously available to the market."

The MILTECH 9124 and MILTECH 9128 are new additions to Techaya's line of board-level managed and unmanaged Ethernet switches. All are designed to withstand working temperatures of -40°C to +85°C and will comply with MIL-STD-810 & MIL-STD-461 when incorporated in a suitable enclosure.

About MilSource

MilSource is focused on bringing innovative, rugged, military-grade Ethernet communications solutions the military and aerospace markets for both manned and unmanned systems. MilSource is the exclusive U.S. distributor of Techaya's MILTECH line of military-grade switching, routing and other communications solutions. For more information on MilSource or the Techaya product line, go to www.militaryethernet.com.

About Techaya

Techaya Inc. is a prime developer, innovator and manufacturer of military-grade, ruggedized COTS and customized IP-based communication solutions where extreme conditions and unique tactical requirements are the norm. Their MILTECH products and solutions are designed for military rugged and unique applications involving extreme environmental conditions. They 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 IP68. Visit www.techaya.com.