

FOR IMMEDIATE RELEASE

MilSource Announces New Techaya Rugged 10 Gigabit Ethernet Switch/Router That Delivers Both Copper and Fiber Ports for Increased Data Speed Needs

Techaya MILTECH 9116 reduces costs and eases implementation for high-speed mobilized military communication

LOS ANGELES – October 26, 2020 – MilSource announced today the availability of Techaya’s MILTECH 9116 rugged 10 Gigabit Ethernet (GbE) switch/router. Addressing the cost and roll-out constraints of fiber optics in mobile military networks requiring 10 GbE connections, the compact MILTECH 9116 provides a unique design that supports 12 x 10 GbE copper ports bound in three connectors and 4 x 10 GbE fiber ports through two rugged, MIL-DTL 83526/20 & /21 TacBeam connectors.

Applications such as video, LiDAR and sensors have created a demand for data speeds that have exceeded the traditional 1 gigabit network standard capability. 10 Gb Ethernet network infrastructure addresses these new speed requirements by enabling multiple gigabit ports into a single 10GbE connection in a non-blocking architecture. It is an ideal solution to overcome traditional bandwidth limitations. While shorter-distance connections of devices, such as cameras, servers and other hardware can get maximum speeds out of copper connections, longer-distance runs will require fiber-optic connections to deliver 10 GbE speeds, end-to-end.

“To ease those cost and implementation burdens, the MILTECH 9116 delivers a unique combination of both 10 GbE copper ports for shorter-distanced connections and 10 GbE fiber ports via tactical expanded beam connectors,” said Ronen Isaac, general manager of MilSource. “Traditional fiber-based 10 GbE tends to be fragile and requires a lot of resources for in-field repairs. TacBeam connectors protect the fragile fibers and allow field personnel to wash and clean the connectors themselves, providing simpler maintenance and greater MTBF figures than traditional fiber connectors.”

The MILTECH 9116 supports Layer 2 and 3 network capabilities including VLANs, QoS, multicast routing (PIM) and dynamic routing (OSPF). Compact in size, it measures 16.8” x 8” x 2.8” and weighs just 8.8 lbs. Standard power input is 28Vdc (18-32V), 87W maximum and it is designed to meet MIL-STD-461, MIL-STD-810, MIL-STD-1275, MIL-STD-704, IP67 standards.

For more information about the MILTECH 9116 or other MILTECH products, please visit MilSource at www.militaryethernet.com.

About MilSource

MilSource is focused on bringing innovative, rugged, military-grade Ethernet communications solutions to 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.

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