FOR IMMEDIATE RELEASE

OnTime Networks Launches new Cloudberry CM-4000-MIL Series 12 Port Managed Military Gigabit Ethernet Switch, with PTP TC capability

AUVSI 2015, Atlanta, GA May, 5 2015 – OnTime Networks, a global leader for rugged, time synchronized Ethernet solutions for the Aerospace and Defense Industry, announced today the expansion of its military-grade Gigabit Ethernet switch portfolio with the new Cloudberry CM-4000 MIL Series.

The new Cloudberry CM-4012F0-MM-MIL is a small form factor rugged Commercial Off the Shelf (COTS) 12-port Gigabit Ethernet (GbE) switch specifically designed to reliably provide high-performance connectivity for extremely demanding size, weight and power (SWaP) constraints in the harsh climatically and noisy electrical demanding environments (e.g. high altitude, extreme shock, & vibration, extended temperatures, humidity, dust & water exposure, noisy EMI, dirty power) on land, in the air and on sea. These include land vehicles, aircraft, UAVs and naval vessels.

Markus Schmitz, Managing Director of OnTime Networks in the U.S., stated "Today's modern platforms demand sophisticated communication technologies and a reduction in system Size, Weight, Power and Cost (SwaP-C) to comply with operational life and budgetary constraints. One key challenge of our customers is to integrate multiple network assets, from multiple vendors, in one system architecture. These complex onboard networks contain dozens of networking devices that must be interconnected including audio, video, recorder, data acquisition units and IP-based sensors." Schmitz continued, "The Cloudberry CM-4012F0-MM-MIL Series is an ideal solution for mobile Ethernet-equipped platforms, such as aerial vehicles, as it can be remotely managed to optimize communications and prioritize critical information traffic. Our rugged, scalable, distributed network solutions are specifically designed for the harsh environmental requirements of the Aerospace and Defense Industry as they are able to withstand extreme temperatures, shock, vibration, humidity, dust, sand, water, and electronic interference."

About CM-4012F0-MM-MIL Series

The CM-4012F0-MM-MIL is an advanced and highly engineered GbE switch that addresses complexity, enables modularity and provides growth, while delivering optimal performance for SWaP constrained military applications onboard vehicles and aircraft platforms. The very small design with less than half a pound in weight, a 10 Watts typical power consumption and small MIL circular connectors, makes the unit well suited for low size/weight applications where electromagnetic compatibility (EMC) is important. The unit is designed to meet the environmental requirements of RTCA/DO-160 and MIL-STD 810G

as well as the EMI/EMC requirements (Conducted & Radiated Emissions & Susceptibility) of MIL-STD 461F, MIL-STD-704F and 1275E. The extended temperature operation from -40 to +71C, resistance to high shock/vibration, humidity, altitude, and dust/water ingress makes the CM-4012F0-MM-MIL an extremely reliable Local Area Network (LAN) switch solution for retro and forward fit installations.

This fully managed, Layer 2 Gigabit switch provides a powerful set of networking features, including support for IPv4 and IPv6 multicast traffic filtering according to static filters or IGMP snooping, Virtual Local Area Networks (VLANs), port control (speed / mode / statistics, flow control), Quality of Service (QoS) traffic prioritization, Link Aggregation (802.3ad), SNMPv/1/v2/v3 management, secure authentication (802.1X, ACLs, Web/CLI), redundancy (RSTP/MSTP) and port mirroring. The switch also supports Transparent Clock operation according to IEEE 1588 Std 2008 (PTPv2). Further, the unit also supports Layer 3 IPv4 / IPv6 static routing for attached WAN / radios, Built in Test (BIT), and data zeroization.

About OnTime Networks

OnTime Networks is a technology leader for rugged, time synchronized, fully managed, modular Gigabit Ethernet switches, specifically designed to operate reliably in the harsh and climatically demanding environments of the Aerospace and Defense Industry. Recognized for innovation and excellence, OnTime focuses on precise time over Ethernet according to IEEE 1588 (PTP) as core technology. For more information, please visit www.ontimenet.com.

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