TE Connectivity Provides High Speed Connections for OnTime Networks

- OnTime Uses TE's CeeLok FAS-T Connector for High Bandwidth in ETHERNET Router -

HARRISBURG, Pa. – September 19, 2017 – TE Connectivity (TE), a world leader in connectivity and sensors, and OnTime Networks (OnTime) are pleased to announce their collaboration in the release of OnTime's new Cloudberry MIL/AER CM/CR-6200 series rugged ETHERNET switch, router and network time server. Each CM/CR-6200 switch/router/network time server utilizes up to twelve CeeLok FAS-T connectors, providing either twelve 10/100/1000BASE-TX ports or eight 10/100/1000BASE-TX ports and four 10GbE ports along with router and IEEE 1588 PTP GMC capability. The 10GbE ports can be either 100/1000/10000BASE-TX or 10GBASE-SR.

TE's CeeLok FAS-T connector uses a rugged, small form factor design and supports speeds of 10 Gigabit ETHERNET for copper connections. With its field terminable I/O, it meets the high-speed signal requirements of modern aerospace and defense applications.

The CeeLok FAS-T connector features an integral backshell with 360-degree shielding to reduce weight and space while improving the overall system performance. This connector's small form factor utilizes a panel cutout of .698 inches in diameter and maintains outstanding signal integrity due to its patented T-shaped pin pattern that provides noise cancellation and decoupling to minimize crosstalk.

"At the end of last year, OnTime Networks launched the new Cloudberry MIL CM/CR-6200, which combines the features of a Gigabit/10 Gigabit ETHERNET switch, router and network time server, allowing the unit to be deployed in a wide variety of applications in military vehicles, submarines, helicopters and unmanned vehicles that need the ability to interconnect a large number of nodes," stated Markus Schmitz, managing director of OnTime Networks in the U.S. "An important factor in 10 Gigabit ETHERNET copper designs is the selection of the right connector for high speed performance in a variety of rugged applications. OnTime Networks relies on TE Connectivity's CeeLok FAS-T connectors for its 10 Gigabit ETHERNET connectivity in the Cloudberry product lines."

"The CeeLok FAS-T connector enables 10 Gigabit ETHERNET in a very small form factor that meets diverse harsh environment demands for aerospace, defense and marine applications," said Steve McIntire, senior manager of product management at TE Connectivity. "It was this combination of high speed, small size, and harsh environment performance that led OnTime Networks to select our CeeLok FAS-T connector."

Learn more about the Cloudberry CM-6200 switch/router/network time server at the 2017 AUSA Annual meeting and exposition at TE's booth #7843 or for more information visit the Cloudberry product lines website, see www.ontimenet.com.

Visit www.te.com/highspeed for data sheets, 3D models, white papers and additional information. Learn more about TE's advanced connectivity solutions for the aerospace, defense and marine industries.

CeeLok FAS-T, TE, TE Connectivity and the TE connectivity logo are trademarks of the TE Connectivity Ltd. family of companies.

ABOUT ONTIME NETWORKS

OnTime Networks is a technology leader for rugged, time synchronized, fully managed, modular Gigabit Ethernet switches, routers, taps and network time servers, 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.

ABOUT TE CONNECTIVITY

TE Connectivity (NYSE: TEL) is a $12 billion global technology leader. Our commitment to innovation enables advancements in transportation, industrial applications, medical technology, energy, data communications, and the home. TE's unmatched breadth of connectivity and sensor solutions, proven in the harshest of environments, helps build a safer, greener, smarter and more connected world. With 75,000 people – including more than 7,000 engineers – working alongside customers in nearly 150 countries, we help ensure that EVERY CONNECTION COUNTS – www.TE.com.

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