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PANDUIT and Teranetics Demonstrate Live 10GBASE-T Operation at SC07 Using 6-Around-1 100 Meter Topology

SC07

TINLEY PARK, Ill.--(BUSINESS WIRE)--PANDUIT, a world-class developer and provider of innovative networking solutions, and Teranetics, a leading mixed signal semiconductor company, successfully demonstrated 10GBASE-T multi-vendor interoperability at SuperComputing 07 in Reno, NV, November 10-16. Conducted in the Teranetics booth, this public display showcased a complete ecosystem of 10GBASE-T products that included switch and NIC adapter ports operating over 100 meters of Category 6A UTP cabling and connectivity.

Teranetics TN1010 PHY single-chip 10GBASE-T physical layer technology was the base technology used in each of the 14 active ports connected over the PANDUIT® TX6™ 10GIG™ UTP Copper Cabling System. The PANDUIT infrastructure was configured in a 6-around-1 topology with 4 connectors over 100 meters, which is the worse case operating environment defined by the IEEE and TIA standards and considerably more demanding for alien crosstalk conditions than traditional field installations.

"Teranetics TN1010 is fully compliant with 10GBASE-T specifications including latency, which is critical for high performance computing," said Kamal Dalmia, Vice President of Marketing at Teranetics. "TN1010 seamlessly auto-negotiates with existing 1G equipment and extends the familiar RJ-45 'plug-and-play' connectivity model to 10 Gigabit Ethernet."

"The success of this demonstration indicates that the PANDUIT TX6™ 10GIG™ Copper Cabling System in combination with other 10GBASE-T technology are ready for implementation in data centers, alleviating bandwidth bottlenecks to deliver high efficiency networks," said Steve Skiest, PANDUIT Business Development Manager.

The PANDUIT® TX6™ 10GIG™ Copper Cabling System includes jack modules, copper cable, patch cords and patch panels that meet the demanding network requirements of today and tomorrow. Each component features innovative complementary design technologies that work together to suppress alien NEXT, while providing Category 6A/Class E_A electrical performance beyond 500 MHz.

About PANDUIT:

PANDUIT is a leading, world-class developer and provider of innovative networking and electrical solutions. For more than 50 years, PANDUIT has engineered and manufactured end-to-end solutions that assist our customers in the deployment of the latest technologies. Our global expertise and strong industry relationships make PANDUIT a valuable and trusted partner dedicated to delivering technology-driven solutions and unmatched service. Through our commitment to innovation, quality and service, PANDUIT creates competitive advantages to earn customer preference. (www.panduit.com/ten25)

About Teranetics:

Teranetics is a leading provider of silicon solutions that enable significantly higher data rates over structured copper cabling than are currently available in today's Ethernet network environments. Led by a team with exceptional expertise and experience in the development and application of mixed-signal semiconductor solutions and digital communication technologies, Teranetics is the first company to ship a production-ready 10GBASE-T semiconductor designed for next generation network applications. Teranetics is backed by a strong consortium of venture investors with in-depth experience and success in the semiconductor and data networking markets. (www.teranetics.com)

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