



Press release

Nexans and Mysticom Extend 10 Gigabit Ethernet links to 25 meters over Cat.7

Mysticom's 10G Ethernet transceiver and Nexans's Cat.7 connector and cable assembly combine to enable low cost, high speed Twisted Pair (TP) connections

Paris, November 26, 2003 – Mysticom, an innovative supplier of high-speed communication ICs, announced superior performance and extended data transmission distances during interoperability testing with the Nexans Cat.7 connector and cable assembly solution. The tests confirmed that Mysticom's MY3124, 10G XAUI-XAUI Retiming Transceiver and Nexans's cable and connector assembly solution, together provide a cost effective 10 Gigabit Ethernet solution for Data Center and Horizontal Enterprise Network environments.

In the interoperability test utilizing Cat.7 data cables, the links were operated at a distance of 25 meters with the Enhanced Mode enabled on the MY3124 and 20 meters in standard 8b/10b mode. A variety of data patterns were transmitted, including the stressful IEEE Draft P802.3ae/D4.1 Continuous Random Pattern (CRPAT). All results were achieved with better than 10^{-15} Bit Error Rate (BER).

"We are pleased that Mysticom has successfully demonstrated interoperability between the MY3124 Transceiver and our LANmark-7 cabling solution based on the GG45 Interface" said Mark Rogers, General Manager of Nexans Cabling Solutions. "These results add confidence into the 10 Gigabit Ethernet technology and allow customers to design 10 Gigabit system based on fully standardized copper cabling systems."

"Mysticom is committed to satisfying the increasing need for system interconnections at multi-gigabit speeds," said Wiren Perera, Mysticom's vice president of worldwide marketing. "Our partnership with Nexans has allowed us to deliver a high-performance, cost effective solution utilizing TP Cat.7 data cables, to further accelerate the deployment of 10 Gigabit Ethernet in the marketplace."

Editors Notes

1 - About the MY3124

The MY3124 is a Retimer device that has two identical 10 Gigabit Attachment Unit Interfaces (XAUI). The device has programmable data rates with an operating range from 1G bps up to 3.1875G bps. The MY3124 is intended to drive extended distances for point-to-point communications in applications requiring 10 Gigabit over copper links. Mysticom products are the industry's first 10 Gigabit Ethernet PHY and backplane transceivers with integrated forward error correction (FEC) which greatly improves bit error rate (BER) and signaling distance. The MY3124 also offers a by-pass mode where the device can operate in 8B/10B mode compliant with the interoperability requirements of the 10G Ethernet networking standard. The MY3124 supports operating modes for 10G Ethernet, Infiniband, Fiber Channel and Custom Mode which offers flexibility for a variety of complex applications.

2 - About the Nexans LANmark-7 GG45 cable assemble

Nexans LANmark-7 cable assembly is a Cat.7/600 MHz cabling system, which is based on the new connector GG45. GG45 is a '2 in1' connector, which contains a new interface for 600 MHz transmission, but also contains a full RJ45 interface to allow backwards compatibility with existing RJ45 products. Backwards compatibility allows a smooth migration towards higher bandwidth and is contributing significantly to the acceptance of Cat.7 cabling systems. GG45 is an invention of Nexans, was standardized during 2001 in IEC 60603-7-7 and was selected during 2002 as the worldwide Cat.7 interface for structured cabling within ISO11801.

Mysticom is a registered trademark of Mysticom Ltd.

GG45 is a registered trademark of Nexans Industries SA, Paris.

About Nexans

Nexans is the worldwide leader in the cable industry. The Group brings an extensive range of advanced copper and optical fiber cable solutions to the infrastructure, industry and building markets. Nexans cables and cabling systems can be found in every area of people's lives, from telecommunications and energy networks, to aeronautics, aerospace, automobile, railways, building, petrochemical, medical applications, etc. With an industrial presence in 28 countries and commercial activities in 65 countries, Nexans employs 17,150 people and had sales in 2002 of euros 4.3 billion. Nexans is listed on the Paris stock exchange. More information on www.nexans.com

About Mysticom

Founded in 1997, Mysticom provides complex DSP and mixed-signal VLSI solutions for use in high-speed communication systems. Mysticom's products range from 10/100 Mbps Ethernet PHY cores to 10Gbps transceiver integrated circuits (ICs) for Ethernet and backplane applications. Mysticom is one of the few companies in the world to have successfully developed high-speed physical layer networking technologies that can be used in local, metropolitan, and wide area networks. Mysticom is headquartered in Netanya, Israel with marketing, sales, design and customer support offices in Mountain View, Calif. Additional information can be found at www.mysticom.com. Sales Office contacts are: United States (West): Phone: +1 (650) 210-8080 and United States (East): Phone: +1 (603) 860-0091

Contacts Nexans:

Nicolas Arcilla-Borraz Tel. : +33 (0)1 56 69 84 12 nicolas.arcillaborraz@nexans.com

Pascale Strubel Tel. : + 33 (0)1 56 69 85 28 pascale.strubel@nexans.com

Editorial Contact Mysticom:

Julie Webb

Tel.: (650) 210-8080

juliew@mysticom.com