FOR IMMEDIATE RELEASE

New Ethernet OAM capabilities bring Synchronous Ethernet to NComm's TMS products.

HAMPSTEAD, NH – June 12, 2012 – NComm, a leader in physical layer software and OA&M solutions, announces the availability of their Synchronous Ethernet OAM offering.

NComm has just released its Sync-E protocol stack that handles the algorithms and packet-types needed to measure and determine the quality of network timing delivered over a Sync-E network interface.

Key Features

- Provides Sync-E timing management functions
- Implements Synchronous Operation Mode per G.8264
- Transmits and receives packet level SSM messages
- Implements EMSC channel
- Implements QL reception requirements and QL transmission requirements
- Monitors failures on Sync-E interfaces that could cause timing failures
- Allows for interoperation between Sync-E and SDH/PDH networks with NComm's SSM product
- Fully Standard Compliant

Here's more

Other NComm Products Related to Sync-E

- **Ethernet OAM Source Code**
  NComm also provides robust Ethernet OA&M source code that will allow your product to offer Carrier Grade Ethernet capabilities. We handle IEEE 802.1ag, IEEE 802.3ah, and ITU-T Y.1731 with more standards in development. Just let us know what you need.

- **SSM Source Code**
  Our SSM TMS handles clock traceability and management for SONET, SDH, T1, E1 and E3 complying with the appropriate standards including GR-253, GR-1244, ETSI 300-417-6-1 and G.781. Check it out

As with all NComm products, Ethernet OAM includes easy-to-use Application Programming Interfaces for integrating the software with other functions in customer or service provider equipment. The software accommodates a wide variety of hardware configurations and works with any Real Time Operating O/S pre-ports including Linux (2.4 and 2.6), Microsoft Windows, VxWorks, OSE, and Nucleus Plus. NComm's Jump Start program offers unprecedented assurance of a fast and successful implementation.

About NComm

NComm delivers complete, standard compliant, source code packages that reduce LAN/WAN interface development time by staff years and dramatically reduce development cost. Its offerings eliminate an entire class of embedded software development for access technologies like Ethernet OAM, T1, E1, T3, E3, SONET/SDH including Automatic Protection Switching, Primary Rate ISDN and Sync Status Message management. Using NComm's software, many companies have had their interfaces fully functional in a day rather than a year.

For more information, please visit the NComm website at www.ncomm.com.

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