



## **FOR IMMEDIATE RELEASE**

### **New Hampshire firm releases G.8031, Linear APS for Ethernet, software to help equipment manufacturers meet new standards requirements**

KINGSTON, NH – Aug 31, 2018 – NComm, a leader in physical layer software and OA&M solutions, announces support for ITU standard G.8031 – Linear APS for Ethernet interfaces. The G.8031 Module adds Linear APS capabilities to NComm’s Y.1731/802.1ag product.

Linear APS for Ethernet provides quick restoration of services in 50ms or less. With APS, packets are routed over two different interfaces which will provide redundancy in transport of the data. By analyzing the quality of the interfaces, NComm G.8031 module routes traffic over the “best” interface.

Working with NComm’s 802.1ag and Y.1731 modules, the quality of the interface is maintained. That information feeds NComm’s G.8031 module to determine which interface to be used to carry network traffic. The G.8031 module provides configuring the APS system with the following modes of operation:

- 1) 1+1 and 1:1 modes of operation
- 2) Unidirectional and Bidirectional
- 3) Revertive and Non-revertive
- 4) Broadcast Bridge

The G.8031 module routes packets over a regular interface and/or protection interface depending upon how the G.8031 module is configured. The redundant routing provides for quick restoration during network failures. The G.8031 module automates sending and receiving the APS messages per the G.8031 and Y.1731 standards.

In addition, the G.8031 module supports implementation of manual control commands such as Lockout Protect, Exercise, Forced Switching and the other commands defined by the G.8031 standard.

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 system. NComm provides pre-ports to the Linux, VxWorks, OSE, and Microsoft Windows operating systems. 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](http://www.ncomm.com).

### **Media Contact:**

Bill Matern

NComm, Inc.

603-329-5221 x32

[wtm@ncomm.com](mailto:wtm@ncomm.com)