Ethernet OAM Trunk Management Software

IEEE 802.3ah (clause 57) Module

Key Features

- Manages Discovery process and packets
- Manages Loopback process and packets
- Manages MIB Variables both near and far end
- Handles Events including customer specific events.
- Fully Standard Compliant
- OS independent
- Pre-ported to Linux
- MIB support
- Fully compatible with the Ethernet OAM TMS IEEE 802.1ag, ITU Y.1731, and MPLS-TP module
- Supports multiple Ethernet ports on one system as required.

Key Benefits

- Turnkey solution
- Easy to use APIs
- Sample application included
- ANSI C Source Code
- Driver Included
- Field proven by multiple customers
- Software deployed worldwide

With NComm's proven source code and protocol stack, you have the quality and standard compliance interfaces that you need for less cost than you can do it yourself.

Product Overview

NComm's Ethernet OAM TMS puts the market critical Ethernet OAM functionality within the reach of every equipment manufacturer.

Ethernet OAM TMS performs the discovery process for either end of the interface allowing a hop to identify the far-end, perform loopback tests with it, send and receive event notifications, and read/write various MIB variables at the far-end as specified in IEEE 802.3 clause 57 (formerly 802.3ah).

Ethernet OAM TMS provides the higher level, managed object MIB-style of control and status methodology to properly manage the OAM topology.

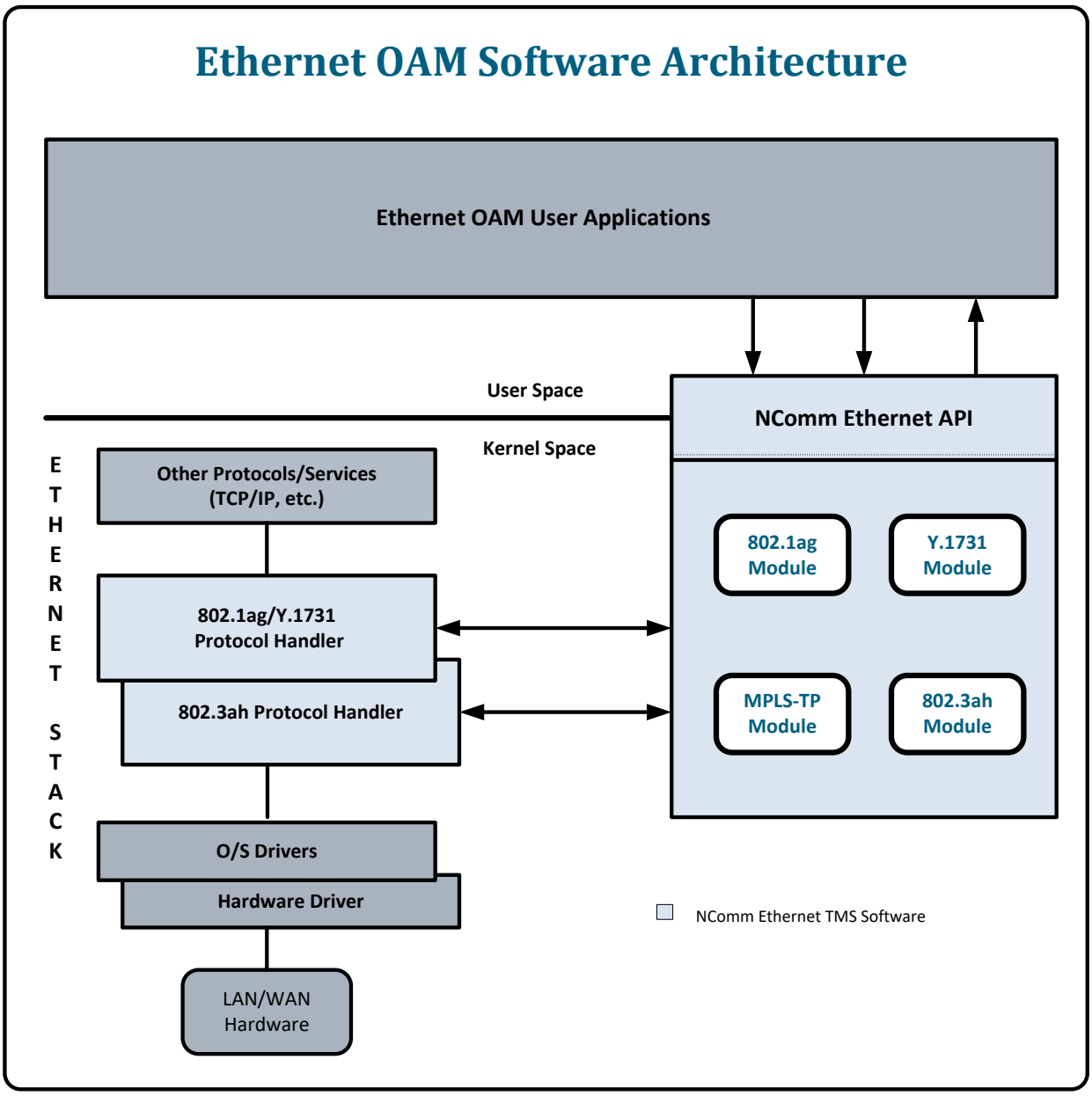
NComm's Ethernet OAM TMS is supplied as ANSI C source code. User manuals, implementation training and technical support are also included with each license. A sample demo application provides functionality very quickly. This sample application also functions as a guide for integration of the Ethernet OAM TMS API into the upper management or control systems of your choice.

Applications

- Routers
- Switches
- Base Stations
- Access Point
- Aggregation devices
- Test Equipment
- Embedded Systems

Ethernet OAM TMS Architecture

As in the entire TMS family of OAM software, Ethernet OAM TMS is architected to be hardware and operating system independent. Well-defined APIs are employed for faster first time integration and ease of reuse.



Driver and OAM Software Architecture

Copyright © 2020 by NComm, Inc. All rights reserved.
Specifications subject to change without notice 20130614