Ethernet OAM Trunk Management Software

MEF-35.1 Module

Key Features

- Requires NComm's Ethernet OAM TMS IEEE 802.1ag and ITU Y.1731 module
- Manages long term performance monitoring per MEF-35.1 standard
- Implements PM-1, PM-2, PM-3 and/or PM-4 requirements. Configurable by your application.
- Optional extensions to MEF-35 to align features with ANSI T1.231 and ITU G.826
- Configurable bucket sizes and intervals with 15 minute and 24 hours as default
- Provides optional Threshold Crossing alerts on performance parameters
- Manages changes in system time and aligning performance data to time.
- Uses the Delay and Loss measurements defined by Y.1731 for performance measurements.
- Fully Standard Compliant
- OS independent
- Pre-ported to Linux
- MIB support
- Operates on Bridges and/or endpoints

Key Benefits

- Turnkey solution
- Easy to use APIs
- Sample application included
- ANSI C Source Code
- Protocol handler 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 handles the algorithms and packet-types needed to measure the performance of an Ethernet path, end to end, and of each node within the path as specified in MEF 35.1 standard.

NComm's MEF-35 module uses the delay and loss measurement capabilities specified in ITU Y.1731-2015 to do the performance monitoring.

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

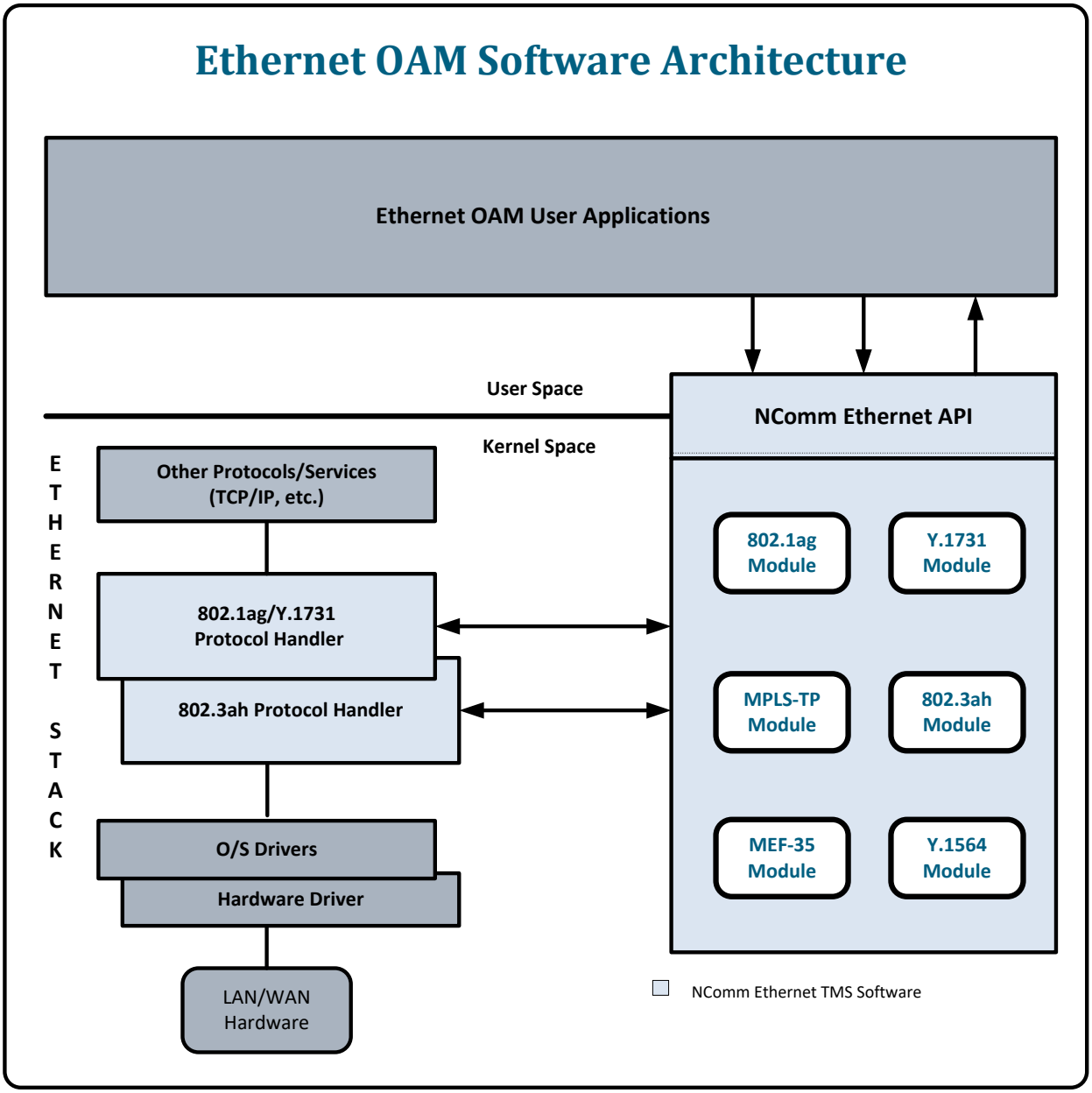
NComm's Ethernet OAM TMS is supplied as ANSI C source code. User manuals, implementation training and technical support are also included with each license. A sample demo application provides functionality very quickly.

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