



Veryx ATTEST™ Carrier Ethernet Functional Test Suite DATASHEET

Veryx ATTEST™-XP Carrier Ethernet Functional Test Suite is a feature-rich automated software testing solution for functional verification of Carrier Ethernet protocols and mechanisms in Fast Ethernet and Gigabit Ethernet Switches.

QUICK FUNCTIONAL ETHERNET SWITCH TESTING

Veryx ATTEST-XP Carrier Ethernet Functional Test Suite is based on ATTEST, a powerful framework that makes testing and debugging faster and easier.

Veryx ATTEST-XP Carrier Ethernet Functional Test Suite performs functional testing of switches supporting 802.1ag (CFM), 802.3ah (EFMOAM) and Y.1731 (OAM). It consists of 50 functionality tests covering key areas such as:

- Valid/Invalid PDU Handling
- CFM - Fault Notification
- CFM - Fault Isolation using Link Trace
- CFM - Fault Verification using Loopback
- Link OAM - Link Monitoring
- Link OAM - Remote Loopback Control
- Link OAM - Peer Discovery
- Link OAM - Unidirectional Fault Detection

The test cases execute in an automated manner in ATTEST™ - a powerful test framework that requires minimal time for set-up and enables efficient use of time and resources.

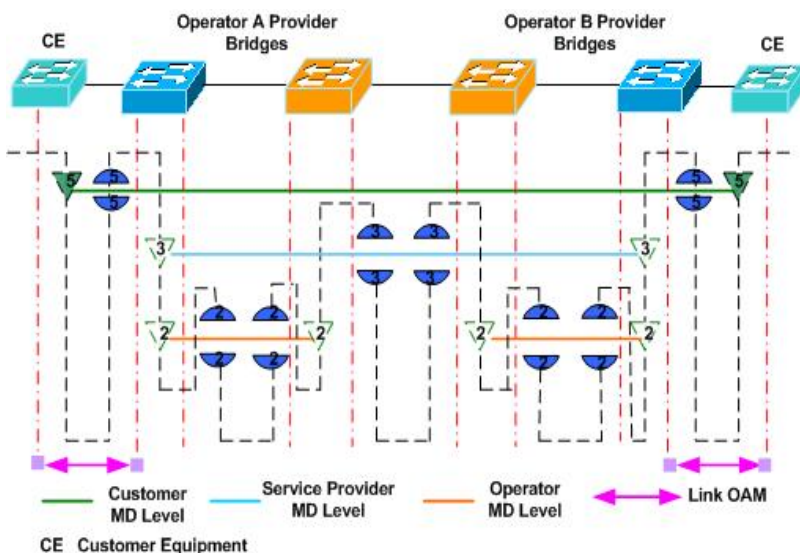


Figure 1. A Sample Multi-Operator Carrier Ethernet Network topology

About Veryx Technologies

Veryx Technologies (formerly Net-O₂ Technologies) provides innovative Verification and Measurement Solutions for the global communications industry. ATTEST solutions verify networking equipment being used for Access, Carrier Ethernet, Data Center, Edge, Enterprise, Industrial and Security. The unique offerings from Veryx enable customers to reduce the "time-required-to-test" and enhance their "time-to-market".

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PROTOCOLS VERIFIED

- CFM (IEEE 802.1ag)
- EFMOAM (IEEE 802.3ah)
- OAM (ITU Y.1731)

Related Veryx ATTEST Products:

Functional Test Suites

- * ATTEST-XP Layer 3 IPv4 Unicast
- * ATTEST-XP Layer 3 IPv6 Unicast
- * ATTEST-XP Layer 2 VPN

Conformance Test Suites

- * Carrier Ethernet: EFMOAM, CFM, Y.1731, PB
- * Layer 3: LDP-MPLS, BFD-MPLS
- * Layer 3: IPv4, OSPF, PIM, IPv6, OSPFv3 etc

Contact us for Demo or Evaluation



For a first-hand experience of the capabilities and features of ATTEST-XP, contact Veryx (info@veryxtech.com) for a demo or an evaluation kit.

