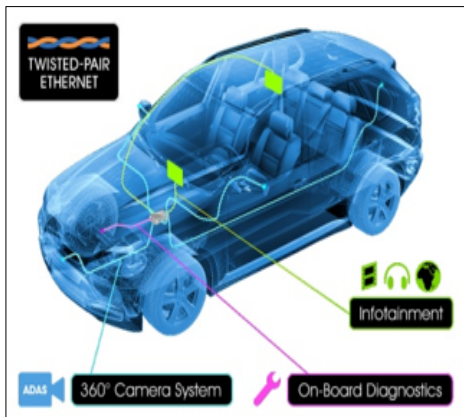




Testing Services:

We offer a wide range of extensively detailed test plans designed for Automotive Ethernet Devices. The OPEN Alliance has endorsed the UNH-IOL as the first test laboratory for conformance testing of BroadR-Reach and 100BASE-T1 Ethernet.

The adoption of Ethernet standards in automobiles will allow car manufacturers to reduce costs and increase bandwidth through standardized components and fewer cables.



Test Plans for:

- 1000BASE-T1 PMA
- 100BASE-T1 PMA, PCS, PHY
- BroadR-Reach PMA, PCS, PHY
- 100BASE-T1 Interop
- OPEN Alliance TC1 & TC10 PHY Testing

Tests Covering:

- **PMA Conformance:**
Physical Medium Attachment (PMA) is designed to determine if a product conforms to electrical specifications of the transmitter and receiver defined in the OPEN or IEEE standard.
- **PCS & PHY Control:**
Help implementers evaluate the functionality of their products Physical Coding Sublayer (PCS) and PHY controls. Includes detailed testing of PCS Transmit and PCS Receive, state diagrams, encoding/decoding, and scrambling/descrambling.
- **Interoperability:**
Help implementers identify problems that their devices may have in establishing link and exchanging packets with other products.



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- Ability to test multiple standards against globally recognized products all in one lab.
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Contact:

Curtis Donahue

cdonahue@iol.unh.edu

+1-603-862-4534