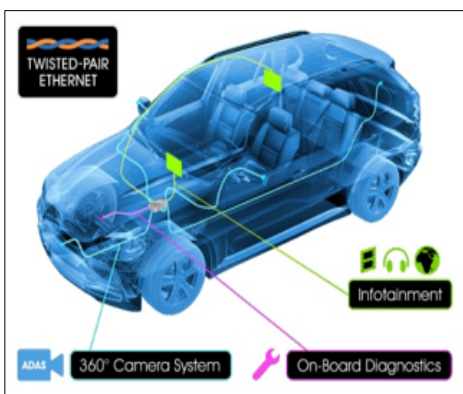




Testing Services:

Our Automotive Ethernet testing offers physical layer testing of PHYs and ECUs for OPEN Alliance BroadR-Reach and IEEE 100BASE-T1. The OPEN Alliance has endorsed the UNH-IOL as the first test laboratory for conformance testing of BroadR-Reach and 100BASE-T1 Ethernet.



Testing Solutions:

- Automotive Components
- Sensors
- Backup Cameras
- Infotainment
- Electronic Control Units
- PHY Development Platforms

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

Tests Covering:

- **Physical Medium Attachment (PMA):**
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 each other.



Key Benefits

- Increased confidence in your product.
- Save money by reducing time to market.
- Use industry recognized test reports for sales and certifications.
- Access to custom test equipment and software saving you time and money.
- Ability to shape our roadmap to better serve industry needs.
- Ability to test multiple standards against globally recognized products all in one lab.
- Acts as an extension of in-house test labs providing debugging and technical expertise.

Learn More Today!

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