Test solutions for:

- 40 and 100 Gigabit Switches, Line-cards, and Routers
- 40 and 100 Gigabit NICs
- Optical Transceivers
- Direct Attach Copper Cabling
- Chipsets and Development Boards

40 and 100 Gigabit Ethernet Tests Covering:

- **Electrical and Optical Physical Layer Measurements**
  State of the art test equipment and procedures covering
  Transmitter and Receiver characterization of:
  - CR-4, CR-10, nPPI, XLAUI, and CAUI
  - SR-4, SR-10, and 40GBASE-LR4

- **Bit Level PHY analysis and Verification**
  Custom test tools for single bit analysis of:
  - Flow Control
  - MAC
  - Reconciliation Sublayer
  - Clause 82 PCS (64/66b)

- **Interoperability**
  Interoperability Testing for switches, NICs, cables, modules, and more.
  - BER estimation
  - Link configuration
  - Modules: QSFP+, CFP, CFP2, etc
  - Cables: CR4, CR10

Key Benefits of Membership

- Year-round access to conformance and interoperability testing helps reduce time to market
- Acts as an extension of in-house test labs providing debugging and technical expertise
- Industry recognized test reports
- Independent, vendor-neutral testing using a cost-effective student staffing model
- Identification of problems before products reach the market results in: lower support costs, QA savings, and increased customer confidence
- Access to one of the industry’s largest test beds for interoperability testing
- Cutting-edge testing equipment from our industry partners and UNH-IOL customized software and hardware
- Raise your visibility as an industry leader
- Consultative testing model helps quickly solve development issues and provides thorough, detailed feedback
- Industry-wide interoperability group test events
- Engineers not required to be present during testing, saving travel time and money

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