Test solutions for:

- PoE Switches and Midspans
- PoE Phones
- PoE Wireless APs
- PSE Demoboards
- PD Demoboards
- Power Data Splitters

PoE Testing Services

- **PSE Parametric Compliance Testing:**
  This suite of tests has been developed to help implementers evaluate the functionality of their IEEE Std 802.3at based products. This test suite investigates the conformance of Power Sourcing Equipment. Several areas are covered including detection, classification and timing requirements.

- **PD Parametric Compliance Testing:**
  This suite of tests has been developed to help implementers evaluate the functionality of their IEEE Std 802.3at based products. This test suite investigates the conformance of Powered Devices. Several areas are covered including signature characteristics, PD pin-out, polarity insensitivity and classification.

- **Interoperability Testing:**
  This suite of tests has been developed to help implementers identify problems that IEEE 802.3 devices may have in giving or receiving power, establishing link and exchanging packets with each other.

- **PD and PSE Data-Link-Layer Classification Testing:**
  These two suites of tests were developed to help identify problems in the implementation of the IEEE 802.3at™ Data-Link-Layer Classification (DLLC).
  - 1-Pair Power over Data Lines (PoDL)
  - DTE Power via MDI over 4-Pair
  - Potential Ethernet Alliance PoE Certification Program

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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