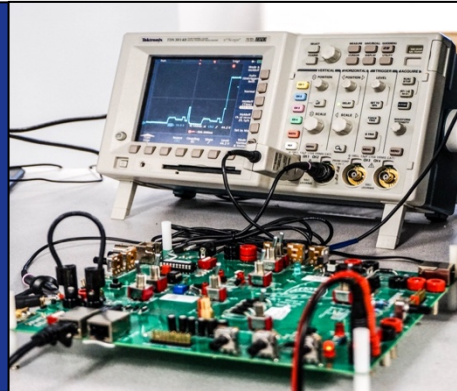## PoE Certification Testing

We are the exclusive 3rd party test house for the Ethernet Alliance PoE Certification Program and offer auditing services allowing companies to certify their devices in-house. Additionally we offer a wide range of test plans for detailed investigation of PSEs and PDs including Interoperability for 1, 2, and 4 pair products.

EA Certified™

Test Solutions For:

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

PoE Testing Services

- **PSE Conformance Testing:**
  Evaluates the functionality of IEEE Std 802.3af/at based products. This test suite investigates the conformance of Power Sourcing Equipment. Several areas are covered including detection, classification, and timing requirements.
- **PD Conformance Testing:**
  Evaluates the functionality of 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:**
  Identifies 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:**
  Identifies problems in the implementation of the IEEE 802.3at™ Data-Link-Layer Classification (DLLC).

Learn More Today!

www.iol.unh.edu

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.

Contact:
Craig Chabot
craig.chabot@iol.unh.edu
+1-603-862-2263