



University of New Hampshire
InterOperability
Laboratory

The UNH-IOL At A Glance

2021

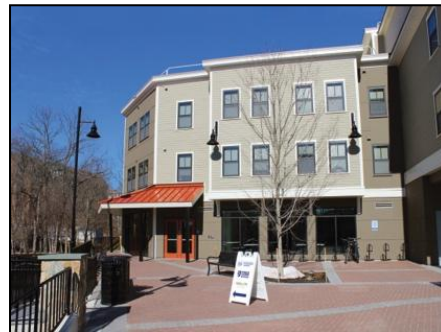
Our Mission

To provide a neutral environment to foster interoperability, standards conformance, and development for the interconnected world, while attracting students to and preparing them for careers in cutting-edge technology.



Who We Are

- A neutral and independent lab that tests networking and data communications products for businesses across the globe.
- Started in 1988 on the University of New Hampshire Durham, NH campus.
- Non-profit organization and 100% funded by commercial industry with over 150+ member companies.
- State of the art facility with 28,000+ sq. ft. (1 hour outside Boston, USA).
- 4,200 sq. feet of pre-wired space dedicated to Plugfests.



We are made up
of full time staff
and students.



Training Future Engineers

- More than 120 graduate and undergraduate student employees work with our staff, gaining hands-on experience with developing technologies and products.
- Our student employees average a 99% job placement, often before they graduate.
- We provide career advancement opportunities including tech talks, training for common industry tools, networking events and an online resume binder.

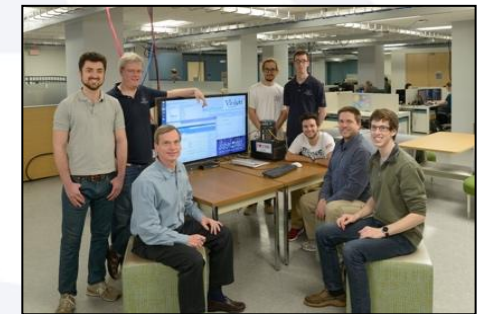
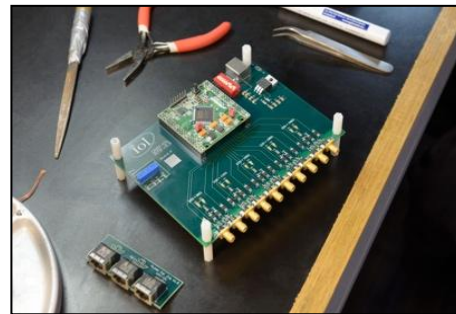


What We Do

- We enable multivendor interoperability, conformance testing and develop custom testing solutions.
- Through our industry involvement we are able to provide guidance and insight into new technology areas with testing needs and certification for testing programs.
- Promote early adoption through collaborative group testing (Plugfests).
- Offer members access to our world-class, multi-million dollar shared testbed which continues to grow.
- Funded 100% by commercial industry.

Products and Solutions

- We develop test tools to help us achieve our vision of being the world's premier data networking resource.
- Our tools have become an invaluable component of our testing services and through membership or direct purchase, these tools can be used in your own labs.
 - IOL INTACT™ the same tool used for IPv6, IPsec, Routing, and Home Networking testing
 - MIPI Boards test fixtures performing M-PHY, C-PHY, D-PHY, DSI, and CSI-2 testing
 - IOL INTACT™ for gPTP and vIOLEtt™ for AVnu testing
 - IOL INTERACT™ software expedites and automates the testing of NVMe SSDs
 - BitPhyer and BitPhyer 10G for Copper Auto-Negotiation, Clause 40 PMA and 10BASE-TX TP-PMD
 - IOL vIOLEtt™ 802.1 Core Test Software for Ethernet Switching Protocols (ESP)



Member Companies



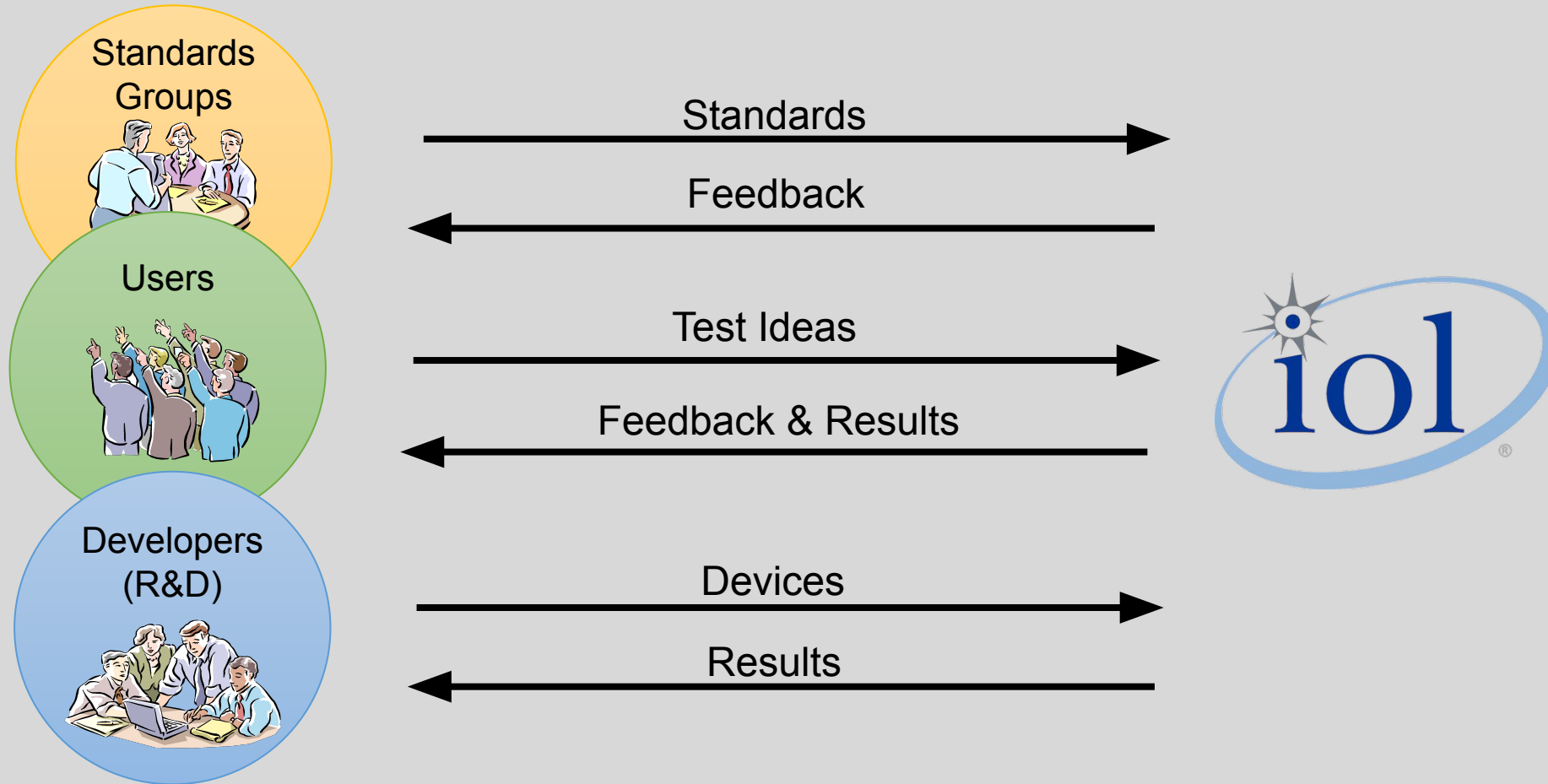
Who We Work With

**We work with companies in over
35 countries across 5 continents**

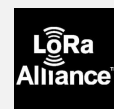


**Simply ship your device and we will take care of the rest!
Engineers are not required to be present during testing.**

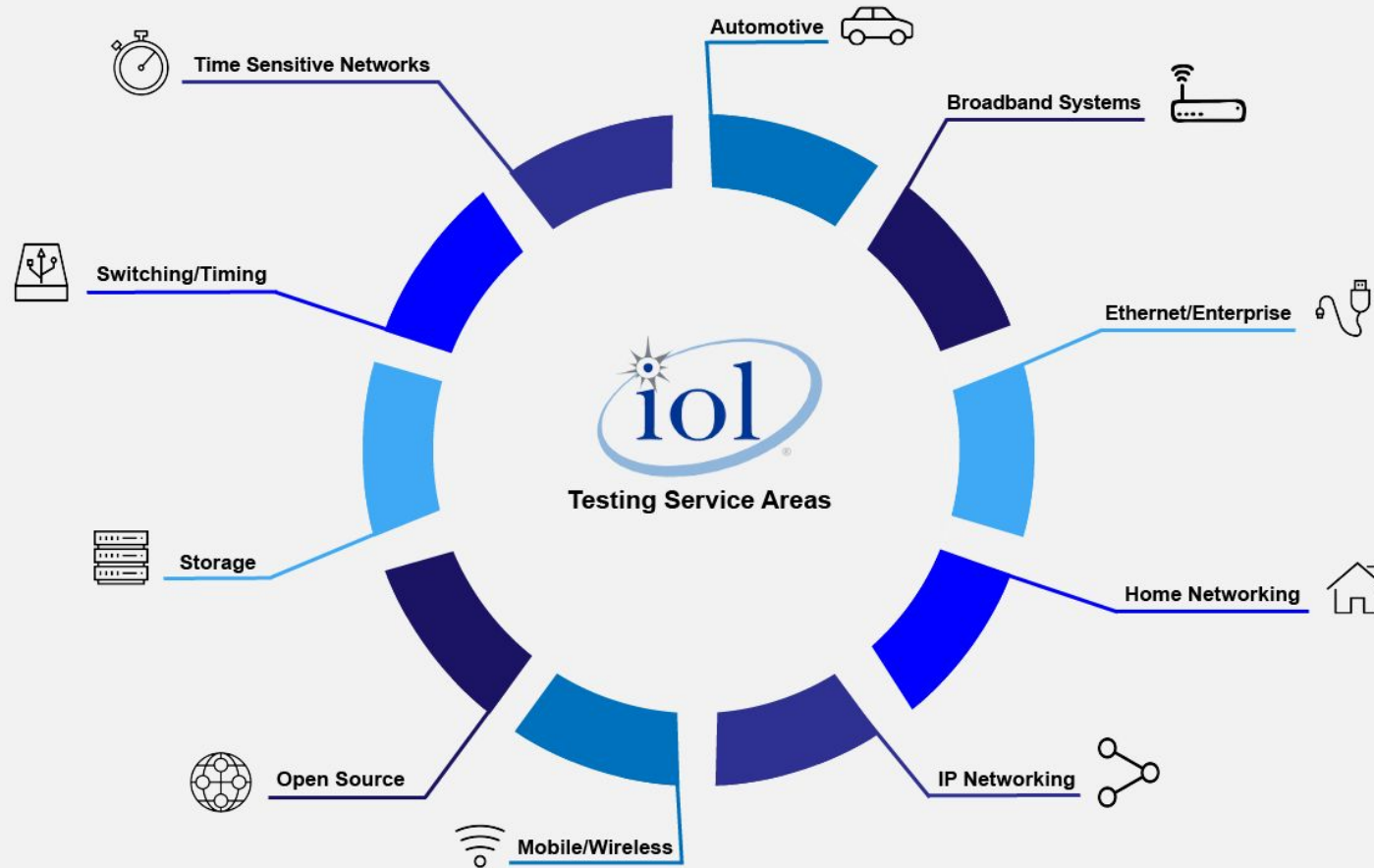
Industry Engagement



Industry Involvement



Technology Testing Areas



How to Work with Us

- We bring together key players of networking technologies, providing services that are critical to driving multivendor interoperability and increasing user confidence.
- We will work with you to create custom and flexible testing options to meet your needs as well as Pay Per Test options.
- Our most popular model is through annual memberships. Here are some key features our memberships include:
 - o Access to custom test equipment and software
 - o Neutral testing environment (no technology is favored over another)
 - o Industry recognized test reports for sales and certification
 - o Increased confidence in your product through our testing services
 - o Reduced time to market

Media Contact Information

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