



University of New Hampshire  
**InterOperability  
Laboratory**

## HOME NETWORKING TESTING MEMBERSHIP PROPOSAL

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## TABLE OF CONTENTS

ABOUT UNH-IOL & MEMBERSHIP BENEFITS	2
PROPOSED PROCESS	3
SAMPLE TEST REPORT	4
MEMBERSHIP DETAILS	5
SUMMARY	5

## ABOUT THE UNH-IOL

Since 1988, we have enabled multi-vendor interoperability, conformance testing and developed custom testing solutions while preparing students for careers within the computer and engineering industries. Over the years we have grown steadily into one of the premier independent labs for new technologies, allowing us to become a thought leader within the data and networking world. For more information, visit [iol.unh.edu](http://iol.unh.edu).

## MEMBERSHIP BENEFITS

We offer collaborative test programs representing industry leaders in network equipment, test equipment, industry forums and service providers for the mutual benefit of all participants. By bringing together the key players of networking technologies, we provide services to industries that are critical to driving multi-vendor interoperability and increasing user confidence.

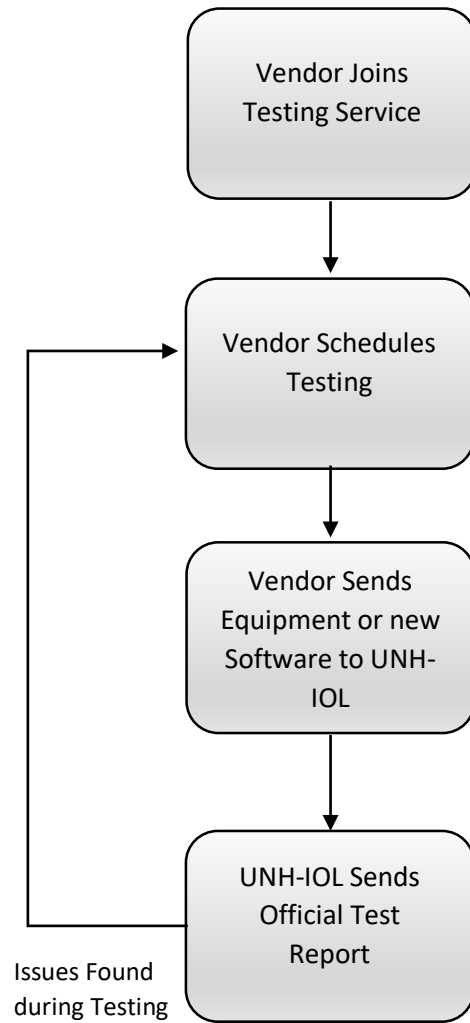
### Why join the UNH-IOL?

- 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 road-map to better serve industry needs
- Ability to test to multiple standards against globally recognized products all in one lab
- Attend annual group testing events at our state of the art, 28,000 square foot facility

In addition to our noted benefits, membership with the **Home Networking Testing Service** provides increased confidence in interoperating with our broadband test environments.

## PROPOSED PROCESS

We have been testing Home Networking technologies for over ten years to ensure interoperability and standards conformance. The testing process we use is illustrated below:



**Figure 1: UNH-IOL General Testing Process**

## SAMPLE TEST REPORT

When your products are tested at the UNH-IOL, you will receive a detailed report of the results. Our attention to detail, thorough procedures, and dedication to accuracy have made our reports a trusted source of third party validation and product analysis. Reports are available from our private, members only website. All formal reports are provided in a protected, not editable PSD format. A sample report format is illustrated below:



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### IPv6 Ready Conformance Test Scenario CE Router

John Smith  
XYZ, Inc.  
John.Smith@xyz.com

DEVICE AND TEST PLAN INFORMATION	
Device Under Test (DUT)	XYZ 8950
Test Specification/Suite	Address Architecture Test Specification, Revision 1.0.1, July 2016
UNH-IOL Result ID	A1B2C
This testing pertains to a set of standard requirements, put forth in RFC 7084, RFC 2460, 3315, 3484, 3633, 3646, 3736, 4191, 4291, 4294, 4443, 4861, 4862, 5942.	

CONTACT INFORMATION		
Home Networking Testing Services	+1 (603) 862-4569	
Testing Completed by	Ted Smith	<a href="mailto:tsmith@iol.unh.edu">tsmith@iol.unh.edu</a>
Report Created by	Steve Smith	<a href="mailto:ssmith@iol.unh.edu">ssmith@iol.unh.edu</a>
Report Reviewed by	Jay Smith	<a href="mailto:jsmith@iol.unh.edu">jsmith@iol.unh.edu</a>

Please use Adobe Acrobat to validate the authenticity of this document.

**Marion  
Dillon** Digitally signed  
by Marion Dillon  
Date: 2017.01.06  
10:04:37 -05'00'

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**Figure 2: UNH-IOL Sample Report**

All reports are certified in digital format to ensure that your report is genuine and uncompromised. Testing with us gives you the confidence and peace of mind you want and that your customers demand.

## MEMBERSHIP DETAILS

Option A: Home Networking Membership	Annual Fees
<ul style="list-style-type: none"> <li>• BBF.o6g Certification Testing               <ul style="list-style-type: none"> <li>○ Broadband Forum TR-o6g Conformance Testing</li> <li>○ Broadband Forum TR-o6g Interoperability and Functionality Testing</li> <li>○ Broadband Forum TR-o6g Data Model Verification Testing</li> </ul> </li> </ul>	
<ul style="list-style-type: none"> <li>• IPv6 Ready CE Router Logo Testing</li> </ul>	
<ul style="list-style-type: none"> <li>• Support for testing of several products. These are tested serially throughout the membership year.</li> </ul>	
<ul style="list-style-type: none"> <li>• Training and support for IOL INTACT® software</li> </ul>	
<ul style="list-style-type: none"> <li>• Free regression testing</li> </ul>	
<ul style="list-style-type: none"> <li>• Overtime options for expedited testing (subject to additional fees)</li> </ul>	
<b>TOTAL</b>	\$20,000 USD

Option B: IOL INTACT Support-only Membership	Annual fees
<ul style="list-style-type: none"> <li>• Training and support for IOL INTACT® software</li> </ul>	\$10,000 USD

Option C: Non-Member Home Networking Pay Per Test Fees	Non-Member Fees
<ul style="list-style-type: none"> <li>• IPv6 Ready CE Router Conformance Scenario</li> </ul>	\$5,000 USD
<ul style="list-style-type: none"> <li>• IPv6 Ready CE Router Interoperability Scenario</li> </ul>	\$5,000 USD
<ul style="list-style-type: none"> <li>• Broadband Forum TR-o6g Conformance Test Plan</li> </ul>	\$6,000 USD
<ul style="list-style-type: none"> <li>• Broadband Forum TR-o6g Interoperability and Functionality Test Plan</li> </ul>	<a href="#">Contact Us</a>
<ul style="list-style-type: none"> <li>• Broadband Forum TR-o6g Data Model Verification Test Plan</li> </ul>	<a href="#">Contact Us</a>

## SUMMARY

The UNH-IOL will provide your company the highest level of service while testing in our neutral environment as well as access to one of the largest test beds in industry. Selection by your company will significantly reduce costs to alternative testing efforts as well as reduce time to market. Please let us know if you have any further questions regarding this testing proposal or any of our services.