Test Suites Offered:

Conformance:
- 802.11 MAC Base Conformance
- 802.11 MAC WPA
- 802.11 MAC WPA2

Interoperability:
- 802.11abgn
- 802.11ac

Performance:
- Range vs. Throughput

Test Tools:
- Walk-in Wireless Isolation Chamber
- Ix Chariot – Network Traffic Generation Tool
- octoBox and MPE (Multi-Path Emulator) from octoScope
- Omniprobe Sniffing software for 802.11 devices

About the Wireless LAN Consortium:
The Wireless LAN Consortium is an industry-supported organization that works in conjunction with its member companies to provide a neutral test environment and industry accepted test methodologies for the purpose of promoting and fostering interoperability of Wireless LAN devices.

Cost Effective Solutions
All of the services offered through the UNH-IOL Wireless LAN Consortium are available for a single, cost-effective annual membership fee. Membership with the UNH-IOL Wireless LAN consortium entitles your company to perform exhaustive testing on your products and receive detailed test reports to help reduce sales barriers and speed your R&D and QA processes, reducing product time to market.

Key Benefits of Membership
- In-depth Test Suites provide an expert analysis of 802.11a/b/g/n/ac characteristics as well as 802.11 MAC layer protocol conformance, and interoperability functionality
- Increase customer confidence. A leader in Wireless LAN Technology, the UNH-IOL is the premier test lab for providing third party verification
- Receive industry recognized confidential test reports demonstrating the quality of your products and providing thorough, detailed feedback to your engineering teams
- Utilize advanced test equipment including vector signal analyzers, traffic generators, and network analysis tools from leading test equipment providers
- Access custom test tools for wireless protocol analysis found nowhere else in the world
- Reduce your time to market. The Wireless LAN Consortium is designed to function as an extension of your own in-house test laboratory. By taking advantage of the Consortium’s technical expertise, test tools, and test bed, your company can reduce its time to achieve wireless satisfaction

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