University of New Hampshire
InterOperability Laboratory

Serial Atttached SCSI (SAS)

Test Suites Offered:

- SAS-3 12Gbps Physical Layer Test Suite
- SAS-3 Negotiation Test Suite
- Link and Application Layer Test Suite
- Transport Layer Test Suite
- Target Error Handling Test Suite
- System Interoperability Test Suite

Serial Attached SCSI Services

The UNH-IOL SAS 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 Serial Attached SCSI (SAS) devices.

The UNH-IOL Serial Attached SCSI (SAS) Consortium tests and debugs SAS products. Detailed debugging and detailed test reports cut time and cost to market, while conformance and interoperability testing boosts throughput and eliminate problems before products reach customers. Companies submit devices for conformance verification and interoperability testing against devices in our active test bed as many times as scheduling allows for one annual membership fee. Companies may also schedule time in our facility, and utilize UNH-IOL testing resources, knowledge, and equipment as an extension of their own in our R&D/Q.A labs.

SCSI Trade Association (STA) and SAS Consortium

The SAS Consortium was formed to offer testing benefits and services to the SAS community. As part of supporting the SAS community, UNH-IOL works closely with the SCSI Trade Association to coordinate the SAS Plugfests. These Plugfests promote interoperability through pair testing and 'Large Builds' of SAS Fabrics. When the Plugfest completes, UNH-IOL provides a forum for testing between STA Plugfests, for companies who are interested in performing additional testing. UNH-IOL supports the STA mission in promoting SAS technology, specifically through the technical efforts related to interoperability and conformance testing of the SAS specification.

Key Benefits of Membership

- Year-round, extensive debugging and conformance testing
- Independent, vendor-neutral testing with a technical, not marketing focus.
- Receive industry recognized confidential test reports demonstrating the quality of your products and providing thorough, detailed feedback to your engineering teams
- Identification and correction of problems before products reach the market
- Engineers need not be present during testing, saving travel time and money
- Involvement in industry-wide testing programs is included in your membership
- Members are able to submit as many products as they like for testing, as schedule allows. There is no extra charge for scheduling testing
- Free access to Plugfests hosted by the UNH-IOL

Contact: Michael Klempa
+1-603-862-0701
mklempa@iol.unh.edu