

1394b Design Seminar

Taipei, Taiwan



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1394 TA Compliance Logo Program Overview

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Agenda

- Compliance logo program charter
- Compliance logo program elements
 - Test specifications & test tools
 - Plugfests
 - 3rd party test labs
 - Self-Test
 - Qualification Review Board
 - The compliance logo
- Compliance logo program status

How to Test

- Start here:
 - http://1394ta.org/Events/candi_docs/logo_program_overview.html
- Determine your product category:
 - http://1394ta.org/Events/candi_docs/ProductCat.html
- Choose a test method (Plugfest, test lab, self test):
 - http://1394ta.org/Events/candi_docs/WhereToTest.html
 - http://1394ta.org/Events/candi_docs/CertTestLabs.html
- Complete the paperwork

Why 1394 Compliance and Interoperability

- Ensure positive consumer experience
- Expand the variety and sheer number of 1394 products in the marketplace
- Make 1394 the preferred choice for consumer networks

Compliance Logo Program Charter

- Establish a program to enable compliance testing of 1394 equipped products
 - Provides value for the consumer & 1394 TA members
 - Technically sound, Financially sound
 - Specs, procedures, tools
 - Easily accessible for manufacturers
 - Includes connectors and cables

Compliance Logo Program Elements

Test Specifications & Test Tools

- Specs and tools can be used at:
 - Plugfests, 3rd party, self-test, pre-test
- Organized by Product Categories
- Test by similarity is allowed
- Platform for periodic improvement
- Creation coordinated by C&I WG
- http://1394ta.org/Events/candi_docs/TestSpec.html
- http://1394ta.org/Events/candi_docs/TestTools.html

Compliance Logo Program Elements

Compliance & Interoperability Plugfests

- Held in conjunction with Industry Events
- One-stop to earn compliance logo
- Geographically dispersed
 - Tokyo, Japan
 - Taipei, Taiwan
 - Redmond, Washington
 - Silicon Valley

Compliance Logo Program Elements

Plugfests -- Past and Future

- Building momentum, 16 TA workshops to date
- 12 companies participating on average
- 30 devices testing on average
- Expand participation
- Improve workshop efficiency
 - Test more product categories

Compliance Logo Program Elements

3rd Party Test Labs

- Around the calendar availability
- Around the world availability
 - Contech Research, USA
 - Electronic Testing Center, Taiwan
 - Fraunhofer IPMS, Germany
 - National Technical Systems, USA
 - PMTC NV, Belgium
 - Quantum Parametrics, USA
- Greater degree of privacy

Compliance Logo Program Elements

3rd Party Test Labs

- Test specifications, test applications available
- Certification process for 3rd party Test Labs
 - Includes cable and connector testing
- Six 3rd party test labs certified to date
- http://1394ta.org/events/candi_docs/CertTestLabs.html

Compliance Logo Program Elements

Self Test Labs

- Cost effective for companies with many products
- Test specifications, test applications available
- Certification process for Self-Test Labs
 - One company certified to date
- Primarily used for AVC products

Compliance Logo Program Elements

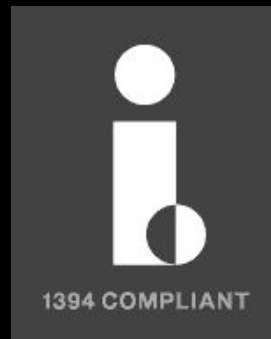
Qualification Review Board

- Approves test specifications & test applications
- Approves certification requirements for 3rd party test facilities
- Reviews compliance logo program results
- Forum for appeals
- Board consists of people from 1394TA member companies and the 1394 TA Executive Director:
 - Colin Whitby-Strevens, Mark Slezak, Hans van der Ven, Bill Rose, Dave Thompson, Richard Mourn, Michael Scholles Sam Liu, James Snider

Compliance Logos

Compliance logo valid
for 18 months

FireWire Compliance
Logo



i.LINK Compliance
Logo

Compliance Logo Program Status

- Test specifications and test tools for 1394b nearly complete
 - Cables and connectors
 - Base, phy and OHCI
- Additional product categories being added
 - Set-Top-Box (North America)
- More certified products needed!
- Certified products listed here:
 - http://1394ta.org/About/products/compliant_products.html

1394 Solutions from LSI Corporation

- History of High Volume shipments to PC OEMs and ODMs
 - 150M 1394 ports shipped since 1998
- Industry Leaders in 1394
- Proven I/O Standard Products, Interoperable Connectivity
- Flexible Solutions
 - Multiple standard buses supported
 - Easy speed transitions via pin for pin compatibility
- Systems Experience and Customer Support
- Proven IP Ready for Integration
 - PCIe and PCI Expertise
 - Low power, low cost designs, Small form factor packages
- Continuing Investment



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