

Sifos Technologies Finalizes IEEE 802.3at PSE Conformance Test Suite

The PSE Conformance Test Suite is a fully automated, highly adaptive group of tests designed to assess Power Sourcing Equipment (PSE) compliance to the IEEE 802.3at specification. Sifos provides industry leading coverage and diagnostic capabilities based upon the core resources of each PowerSync® Analyzer (PSA) test port coupled with the high level processing power of PSA PowerShell Tcl Automation software.

([PRWEB](#)) June 22, 2010 -- Sifos Technologies, Inc.

“Sifos Technologies provides the world's most complete and automated PSE Conformance Test Suite which offers greater than 95% coverage of 802.3at PIC's coverage for compliant PSE's.” said David Lucia, Sifos Technologies President.

PSA Software Release 3.5.01 (and later) now offers a new PSE Conformance Test Suite (version 4.0.0) to assess full IEEE 802.3at specification compliance (Type-1 & Type 2, LLDP & Classification Grants, 15.4 & 30 Watts) testing scenarios. This second generation test suite is available to all PSA's configured with PoE+ test blades.

New Features of the Second Generation (version 4.0.0) PSE Conformance Test Suite:

- Complete IEEE 802.3at Automated Compliance Testing
- Full Support of LLDP-Capable PSE's
- Complete Emulation Flexibility for all PD Classes 0, 1, 2, 3, or 4
- Diagnostic Waveform Trace Retention and Display of ALL Captured Waveforms

PSE Conformance Tests sequence to a spreadsheet report that automatically scales to the number of tested ports and parameters. The standard report delivers parameter statistics across tested PSE ports and colorfully annunciates all limit failures. PSE Conformance Tests may optionally be sequenced to textual reports or simply just summarized in PowerSync Interactive GUI or PSA PowerShell Tcl Automation software.

PSA Software Release 3.5 continues to offer a first generation, fully automated PSE Conformance Test Suite (version 3.5.xx) to assess partial IEEE 802.3at specification compliance primarily for Type-1 PSE's and Type-2 PSE's serving Type-1 PD's. This test suite remains available and supported for PoE test blades.

About Sifos: Sifos Technologies is the leader in PoE (PSE and PDs) and provides Ethernet PHY (physical layer) automated test & measurement solutions for network equipment and semiconductor manufacturers, test labs, system integrators, field service and IT departments.

The company is located just outside Boston, Massachusetts (USA), on the web at www.sifos.com and may be contacted directly at +1 978 640-4900. Follow Sifos Technologies on [Twitter](#), [Facebook](#) and [LinkedIn](#).

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