Sifos Technologies Newsletter

PowerSync Analyzer News
Volume III

October 2007

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Sifos is excited to announce the much anticipated PowerSync Analyzer 3.1 Software Release. This upgrade includes many new and important features: pre-standard high power PoE testing, automated PSE Conformance test for High Power PSE's, a new PoE Service Analyzer application, enhanced Conformance Test Suite to address greater PSE silicon diversity and improved accuracy, a help mode and much more...

We are also happy to share that the Powered Device Analyzer has been sold to many customers testing new Powered Devices. We are witnessing the Powered Device market growing with many new exciting applications!

PoE Service Analyzer

The PowerSync Analyzer nows includes the PoE Service Analyzer feature.

This special application allows the user to assess many critical PoE service attributes at the Powered Device interface. Key features of this application include:

- In-depth analysis and trouble shooting for PoE installations
- Operate locally or remotely, in-band or out-of-band
- Fully automated testing and reporting
- Extensive interoperability qualification
- Assess power delivery at the PD by PD class
- Verify PoE service safety features
- Troubleshoot intermittent PoE service problems
- Graphically view signals and waveforms at the PD outlet

PowerSync Analyzer 3.1 Software Release Features & Download Instructions

The latest software release will contain the following major new features and updates:

- Support of Pre-Standard High-Power 2-Pair PSE Analysis and Testing
- New PoE Service Analyzer Application and Reporting
- PSA Load and Measurement Accuracy Improvements for example including adaptations for **Broadcom**, **Linear Technologies**, **Silicon Labs**, **Texas Instruments**, and **Microsemi** chipsets
- PSA Interactive Enhancements and Improvements
- PowerShell TCL-Wish Enhancements and Improvements
- Multi-Port Test Suite Improvements

To download the latest release step through the following instructions:

1. Register at www.sifos.com
2. Login to Sifos website
3. Sifos will send a confirmation message that user profile has been updated to PoE partner (may take up to 24 hours)
4. Relogin to Sifos website
5. Pull down "Partners" menu then "Customer Download Center"
6. Download PSA 3.1 Release Package

To download the PowerSync Analyzer 3.1 Software Update Release Notes please click here.

Powered Device Analyzer Customer-Base Growing

Since it's release in January, 2007 the Powered Device Analyzer has been purchased by many different customers with various applications.

These applictions include testing of WLAN AP's, VoIP phones, networked cameras, small switches, temperature and humidity dataloggers, power injectors, chips and more. In addition, the equipment is being used in the Engineering, QA, Manufacturing and Field Service.

Sifos expects the Powered Device marketplace to grow with many new exciting applications!

PSE High Power Testing

Support of pre-standard high-power 2-pair PSE analysis and testing will include the following:

- Test new high power 2-pair (**36 Watt)** PSE's using Sifos Port Combiners (1 PSE port per PSA test blade).
- Fully automated PSE Conformance Testing and reporting for pre-standard high power 2-pair PSE's
- PSA Interactive controls to support interactive measurements and loading to high power 2-pair PSE's
- PowerShell configuration, measurement and utility modules supporting testing and script automation for high power 2-pair PSE's
- Load current measurements and scope traces up to 1000 mA.

To download the "PSA-1200 High Power Test" Application Brief please click here.

Quick Links

Sifos Technologies

Customer Download Center

PSE High Power Testing

PoE Service Analyzer

Powered Device Analyzer

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