

# Sifos Technologies Newsletter

*PowerSync® Analyzer News*

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## **PowerSync Analyzer Version 4.0 Release**

PowerSync Analyzer Version 4.0 software and related documentation is available starting October 5, 2011. This software replaces Version 3.5 software originally released in March 2010 and subsequently updated with 8 sub-releases. PSA Version 4.0 software upgrades do not require any firmware upgrades to the PSA-1200, but will require firmware upgrades to the PSA-3000 depending upon usage of new features such as Live PD Emulation.

### **PhyView Analyzer Family:**

With the Version 4.0 release of PSA Software, Sifos adds the new PhyView Analyzer to the family of products supported under the PowerSync Analyzer umbrella. The PhyView Analyzer bridges the very wide coverage gap between 10/100/1000BaseT Physical Layer conformance testing and common link verification / packet flow assessments with a solution that offers fully automated, plug-'n-play analysis.

The PhyView Analyzer (PVA-3000) is packaged both as 2-port test blades for the PSA-3000 / PSA-1200 chassis environment and as a stand-alone PVA-3002 compact, 2-port test instrument. The PVA-3000 is managed side-by-side with PSA-3000 and PSA-1200 products under PowerShell PSA while offering a new and distinct PVA Interactive graphical user interface application.

### **New Features for PoE Testing:**

*Multi-Port Live PD Emulation:* An extension to the Multi-Port Test Suite that enables autonomous, stateful emulation of a wide variety of Powered Devices on up to 192 test ports spanning up to 8 PSA-3000 / PSL-3000 chassis'. Emulations include Type-2 (high power) and 802.3at PoE LLDP.

*4-Pair PSE Testing and Analysis:* PowerShell PSA tools for working with 4-Pair (proprietary) PSE's including Cisco's uPoE solutions with 4-Pair LLDP extensions.

*Powered Device LLDP Analyzer:* PowerShell PSA and PSA Interactive have been extended to support PSE LLDP emulation and protocol tracing to help with analysis of new 802.3at PD's, especially Type-2 PD's.

## Additional Release Highlights:

- PSE Conformance Test Enhancements
- PSA-3000 / PSL-3000 LLDP Emulation Enhancements
- New PDA-LLDP for Powered Device LLDP Testing
- Improvements & Bug Fixes: PSA Interactive
- Improvements & Bug Fixes : PowerShell PSA

PSA Tracking Service customers, as with all major PSA past releases, will be mailed a hard copy PSA Technical Reference Manual and CD update.

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## Quick Links

[Sifos Technologies Website](#)

[PhyView Analyzer](#)

[Multi-Port Live PD Emulation](#)

[Powered Device LLDP Analyzer](#)

[PSA 4.0 Release Notes](#)

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