

## **Announcing Sifos' New 24-Port PowerSync Programmable Load Systems for 802.3at, 802.3bt**

*Sifos Technologies is excited to introduce an important new member to the PSA-3000 family of PowerSync Analyzers and Programmable Loads. The PSL-3424 is the first instrument platform from Sifos that provides simultaneous loading on up to 24x 4-Pair (802.3bt) PSE ports with power loading up to 100W per port.*

ANDOVER, Mass. ([PRWEB](#)) July 19, 2022 -- Sifos Technologies offers a one-box platform to facilitate analysis of Power Sourcing Equipment (PSE) behaviors including basic compliance to the IEEE 802.3at and 802.3bt specifications.

Key features of the PSL-3424 include:

- Continuous 4-Pair Loading &gt; 99 Watts Per PSE Port x 24 Ports
- Continuous 2-Pair Loading &gt; 47 Watts Per PSE Port x 24 Ports
- Robust Software Including PSA Interactive Graphical User Interface
- Flexible 802.3at / 802.3bt Powered Device Emulation Including PoE LLDP
- Efficient Cooling with Smart Fan Control, 15 dB quieter than PoE5
- Comprehensive Safety (CSA) and Compliance (CE, FCC) Certifications
- Fully Automated, One-Click PSE Inspection Testing
- One-Click Specification Limit Load Cases
- Efficient Snaked Data Testing of 10/100/1000 and Multi-Gig Ports
- Fully Automated PoE LLDP Protocol Analysis
- High Level Script Automation with Powerful Single Command Utilities
- DC Voltage, Current, and Power Metering on 2-Pair and 4-Pair PSE's
- Cost-Efficient Architecture

The PSL-3424 is designed to become the standard Sifos platform for future Multi-Port PSE system and power management testing. The platform is offered in two basic configurations:

- PSL-3424A: Basic system with no LLDP Emulation
- PSL-3424L: Enhanced system with 802.3at/802.3bt LLDP Emulation and Analysis

The PSL-3424 additionally features a PSL-3424-QT license option to access a fully automated 802.3at/802.3bt PSE quick inspection test and a fully automated configuration and powering menu for snaked data while powered testing in Multi-Port PSE's (switches and routers). The PSL-3424 is hosted by the same PSA Interactive and PowerShell PSA software that hosts all other members of the PSA-3000 family. Expected deliveries will be in the late July, early August timeframe.

### About Sifos Technologies

Sifos is the market leader in PoE (PSE and PDs) and provides Ethernet PHY (physical layer) automated test & measurement solutions for network equipment and electronic contract semiconductor, silicon providers, test labs, telecommunication service providers, system integrators, field service and IT departments.

The company is located just outside Boston, Massachusetts (USA) and may be contacted at +1-978-975-2100 and on the web at <http://www.sifos.com>. Follow Sifos Technologies at [LinkedIn](#) and [Twitter](#).



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