

Tektronix Announces First Wireless Lab Management Solution for Education **New TekSmartLab™ Improves the Teaching and Learning Experience for Instructors and Students Alike, Centralizes Management of up to 120 Instruments**

BEAVERTON, Ore., Oct. 28, 2014 /[PRNewswire](#)/ -- Tektronix, Inc., the world's leading manufacturer of oscilloscopes, today announced the industry's first wireless lab instrument management solution for quickly setting up and efficiently managing basic electronics engineering laboratories at colleges and universities. The new TekSmartLab™ TSL3000A solution supports up to 120 instruments (30 test benches) on a single platform.

At many learning institutions, implementing productive and fully integrated instrument networks in classrooms can be a daunting task. For instance, using LAN cables to set up a network is costly, time consuming and limits flexibility. Moreover, many instruments lack LAN ports. By converting instruments' USB ports into a wireless interface using a Wi-Fi-USB converter, TekSmartLab™ eliminates cabling hassles while giving professors the software tools they need to efficiently manage large, busy classrooms.

"Centralized control of instruments dramatically improves the classroom and lab experience for students, instructors and lab managers," said Michael Ewald, General Manager, Bench Products, at Tektronix. "TekSmartLab™ eliminates many repetitive manual tasks, saving valuable class time. Features such as intuitive laboratory layout emulation, automatic instrument configuration, and push-button report generation mean that professors and students can focus on learning and not shuffling paper or configuring their tools."

Running on a lab server, TekSmartLab™ sets up quickly without any LAN cables or special instrument configuration. From a central dashboard, professors can load instrument configurations associated with different course requirements and then distribute them to up to 120 instruments with a single mouse click. Professors can easily check the instrument status and measurement contents to help with a specific test bench remotely and to save a student's measurement results into a report.

TekSmartLab also improves overall lab management. In conventional teaching labs, asset managers must manually check and record information such as instrument model numbers, serial numbers, and location. Detailed information such as the length of usage can only be estimated by experience or by keeping usage logs. In contrast, TekSmartLab™ automatically records and displays asset information and tracks usage time.

A typical classroom test bench consists of an oscilloscope, function generation, digital multi-meter and power supply. Most Tektronix and Keithley instruments intended for education applications are supported by TekSmartLab including Tektronix TBS1000B-EDU series, DPO/MSO2000B series and MDO3000 series oscilloscopes; AFG2021 and AFG3000C series arbitrary function generators; and Keithley DMM2110 multi-meters and 2231A-30-3 power supplies.

Pricing & Availability

TekSmartLab TSL3000A is available now worldwide with the exception of Japan and India. Contact a Tektronix representative for configuration and pricing details.

Wondering what else Tektronix is up to? Check out the Tektronix [Bandwidth Banter blog](#) and stay up to date on the latest news from Tektronix on [Twitter](#) and [Facebook](#).

About Tektronix

For more than sixty-five years, engineers have turned to [Tektronix](#) for test, measurement and monitoring


solutions to solve design challenges, improve productivity and dramatically reduce time to market. Tektronix is a leading supplier of [test equipment](#) for engineers focused on electronic design, manufacturing, and advanced technology development. Headquartered in Beaverton, Oregon, Tektronix serves customers worldwide and offers award-winning [service](#) and [support](#). Stay on the leading edge at www.tektronix.com.

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