SEGGER makes it easy to build large-scale, energy-efficient Test Farms

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SEGGER introduces the [Test Farm Power Adapter](#) which, in combination with the market-leading J-Link PRO, makes it easy to build energy-efficient, large-scale [test farms](#).

A test farm is a way to make a large number of systems easily available over a network to any number of users for manual or automated testing. Users can simply connect to any of the boards in the test farm over the network. It is possible to control power, download firmware, run, debug, and test software on multiple devices simultaneously. Users can access devices from anywhere in the world using the J-Link Remote Server software or through remote access to the LAN, typically using a VPN tunnel.

Automated build systems can run tests on the same standard setup, which is ideal for regression testing, continuous integration, compiler tests, and more. Test farms can also be set up to offer access to the same hardware in different configurations or to allow users to connect to a variety of completely different boards and with a variety of toolchains.
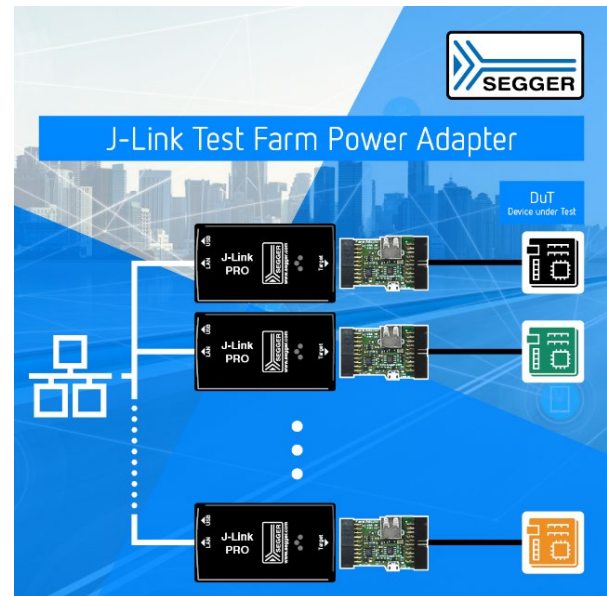
SEGGER's energy-efficient [J-Link PRO](#) with Ethernet interface, combined with the test farm adapter, forms the perfect foundation for any fully-scalable mass testing and debugging solution for [embedded systems](#).

Devices under test can be turned off as a power saving measure if no test is running. They can also be power cycled and rebooted, which can be very useful in the testing process.

"Automated testing is a very important part of quality assurance," says Rolf Segger, founder of SEGGER. "There is no replacement for a test farm. It makes it possible to verify things that can't be tested in simulation, such as the performance and stability of hardware. It is also the only way to eliminate concerns about the correctness of the simulator itself. We use test farms internally in our J-Link and Flasher departments as well as for compiler performance and regression testing."

For information about J-Link Test Farm, please visit: https://wiki.segger.com/Test_Farm

For more information about the Test Farm Adapter for J-Link, please visit: https://www.segger.com/products/debug-probes/j-link/accessories/adapters/test-farm-power-adapter

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About SEGGER

SEGGER Microcontroller GmbH has three decades of experience in Embedded Systems, producing cutting-edge RTOS and Software Libraries, J-Link and J-Trace debug and trace probes, a line of Flasher In-System Programmers and software development tools.

SEGGER's all-in-one solution emPower OS provides an RTOS plus a complete spectrum of software libraries including communication, security, data compression and storage, user interface software and more. Using emPower OS gives developers a head start, benefiting from decades of experience in the industry.

SEGGER's professional embedded development software and tools are simple in design, optimized for embedded systems, and support the entire embedded system development process through affordable, high-quality, flexible and easy-to-use tools.

The company was founded by Rolf Segger in 1992, is privately held, and is growing steadily. SEGGER also has a U.S. office in the Boston area and branch operations in Silicon Valley, Shanghai and the UK, plus distributors on most continents, making SEGGER's full product range available worldwide.

For more information on SEGGER, please visit www.segger.com.

Why SEGGER?

In short, SEGGER has a full set of tools for embedded systems, offers support through the entire development process, and has decades of experience as the Embedded Experts.

In addition, SEGGER software is not covered by an open-source or required-attribution license and can be integrated in any commercial or proprietary product, without the obligation to disclose the combined source.

Finally, SEGGER offers stability in an often volatile industry, making SEGGER a very reliable partner for long-term relationships.

For additional information please visit: www.segger.com

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