

Debug from home: SEGGER's J-Link Remote Server adds encryption

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SEGGER's J-Link Remote Server is a proven way to debug remotely. It has been used for years to debug target systems, thousands of miles away, even behind firewalls. Of its many uses in the past, a particularly important one was for system bring-up when hardware availability was limited, expensive, or otherwise difficult. Today an even more important application has moved into focus.

Working from home has become a necessity for many of us. Given the ongoing changes in the working environment, it is very likely that some amount of work-from-home time will become not just more common but will be "the new normal".

It is not only impractical for developers to carry hardware home, with J-Link Remote Server it is also unnecessary. Developers can simply connect from home and use any tool that supports J-Link. The J-Link operates exactly the same as if it were sitting right on the developer's desk. J-Link Remote Server was first convenient, then very useful, and is now on its way to becoming indispensable.

Paired with authenticated access to the J-Link Remote Server, and the encrypted communication tunnel between software and probe, remote access is another rock-solid debug option for the J-Link based on the proven algorithms of emCrypt. The authentication uses challenge-response methods to ensure the password is never visible on the wire. The end-to-end encryption of the debug stream ensures that the application can be securely transferred via wire.

The J-Link Remote Server can be used at no cost with any J-Link model, including base models with only USB interface. The software is included in the "J-Link Software and Documentation Package" that comes with every model J-Link or J-Trace.

For more information on the J-Link Remote Server, please go to:

<https://www.segger.com/products/debug-probes/j-link/tools/j-link-remote-server/>



About SEGGER

SEGGER Microcontroller has over twenty-five years of experience in Embedded Computer Systems, producing state-of-the-art software libraries, and offering a full set of hardware tools (for development and production) and software tools.

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

SEGGER's professional software libraries and tools for Embedded System development are designed for simple usage and are optimized for the requirements imposed by resource-constrained embedded systems. The company also supports the entire development process with affordable, high-quality, flexible, 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 and the UK, plus distributors on most continents, making SEGGER's full product range available worldwide.

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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