INSIDE Secure Announces the World's Smallest Communications Security Solution for Internet of Things (IoT) Devices

INSIDE Secure MatrixSSL^{TM} Tiny allows manufacturers to affordably secure their IoT devices by providing a secure connection on a very small micro-processor

Black Hat USA, August 4, 2015 – INSIDE Secure (Euronext Paris: INSD), a leader in embedded security solutions for mobile and connected devices, today announced the availability of MatrixSSL Tiny, the world's smallest Transport Layer Security (TLS) software implementation, to allow companies to affordably secure IoT devices with stringent memory requirements. For example, MatrixSSL Tiny has been deployed on IoT devices with less than 10 kilobytes of flash and 600 bytes of RAM. Moreover, with MatrixSSL Tiny, device manufacturers can reduce their overall design costs by retrofitting a secure connection to their existing hardware as well as reduce their bill of materials (BOM) costs.

"INSIDE Secure continues to be on the leading edge of meeting market requirements to secure the most critical applications, networks and devices," said Martin Bergenwall, Executive Vice President of the Mobile Security Business Division, INSIDE Secure. "As the recent cyberattack on a Jeep® Cherokee communicated by wired.com shows, security for IoT devices is critical."

First released in 2004, MatrixSSL is a proven and secure Transport Layer Security (TLS) solution delivered in portable C source code. MatrixSSL Tiny is designed to secure small IoT devices with extremely limited memory that use remote connections, yet demand robust security to prevent eavesdropping and tampering on all network traffic. MatrixSSL Tiny performs real time operations, zeroing the memory when finished.

"For a secure Internet of Things, it will be essential that the full range of connected devices with embedded intelligence – even down to the smallest sensor – has effective communications security embedded in it," said Robin Duke-Woolley, CEO of specialist IoT analyst firm Beecham Research. "For devices using small micro-processors, there may be very limited memory and processing capability, yet even these require sufficiently sophisticated security features to cater to the increasingly threatening landscape. This is an exciting development from Inside Secure to help enable this demanding need. It helps to open up the growth potential of the IoT market."

MatrixSSL Tiny will be featured at Black Hat USA 2015 in Las Vegas where, from August 5 to 6, 2015 in the International Pavilion, location 27, INSIDE Secure) will be demonstrating its full

suite of security products and discussing its solution for cyberattacks directed at IoT and connected cars, like the recent hack communicated by wired.com.

To learn more about MatrixSSL Tiny please visit: http://www.insidesecure.com/Products-Technologies/Protocol-Security-Toolkits/MatrixSSL-Tiny-Edition

About INSIDE Secure
INSIDE Secure (Euronext Paris FR0010291245 – INSD) provides comprehensive embedded security solutions. World-leading companies rely on INSIDE Secure's mobile security and secure transaction offerings to protect critical assets including connected devices, content, services, identity and transactions. Unmatched security expertise combined with a comprehensive range of IP, semiconductors, software and associated services gives INSIDE Secure customers a single source for advanced solutions and superior investment protection.

For more information, visit http://www.insidesecure.com.

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