**PRESS RELEASE**

**Plug-and-Play Security Solutions for the IoT and more**

**it-sa 2022: Swissbit introduces Hardware Security Module for AWS IoT Greengrass**

**Bronschhofen (Switzerland), Nuremberg, 22. September 2022 – This year, Swissbit is once again exhibiting at Europe's largest IT security trade fair to present its latest solutions for data and device protection. Amongst many highlights, the hardware security module iShield HSM will be unveiled for the first time at the Cyber Security Council Germany e.V. booth #602 in hall 7. The retrofittable USB stick makes it possible to secure IoT devices in the cloud services AWS IoT Greengrass infrastructures. Swissbit will also showcase further hardware-based security solutions and concepts that address the growing requirements for IoT and cyber security.**

**October 25-27, 2022**

**Hall 7, Booth 602**

"it-sa is an ideal platform for exchange with visitors, customers and partners. In my role as the new General Manager for Swissbit Security Solutions, I am particularly pleased to be presenting a brand-new product at the show. With iShield HSM, we are emphasizing our strategy of offering customized plug-and-play security solutions that sustainably reduce integration efforts," says Claus Gründel, General Manager Embedded IoT Solutions at Swissbit since August.

iShield HSM: Secure hardware protection for cryptographic keys

In the form of a USB-A stick, the hardware security module (HSM) offers secure storage of cryptographic keys and credentials required for identification, authentication, and registration of IoT devices. It is possible for system integrators to upgrade and retrofit existing AWS IoT Greengrass devices, like gateways or industrial controllers, with a hardware security module thanks to iShield HSM's qualification for Hardware Security Integration (HSI) in AWS IoT Greengrass. Once plugged in, the stick provides the maximum level of hardware security for the respective IoT device’s private key and certificate. iShield HSM is tamper-proof thanks to its hardware-embedded secure element used (CC EAL6+) via chip-on-board technology. Swissbit will announce further details shortly.

**Available images**

The following images are available for download in printable format at: <https://kk.htcm.de/press-releases/swissbit/>

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| Image Source: Swissbit **Swissbit iShield HSM: Retrofittable Hardware Security Module for AWS IoT Greengrass.** | Image Source: NürnbergMesse GmbH  **Swissbit will be at it-sa 2022 on the Cyber Security Council Germany e.V. booth #602 in hall 7.** |
| Ein Bild, das Person, Mann, Anzug, darstellend enthält.  Automatisch generierte Beschreibung  Image Source: Swissbit  **Claus Gründel, new General Manager Embedded IoT Solutions at Swissbit, is looking forward to talking to visitors, customers and partners.** |

**About Swissbit**

Swissbit AG is the leading European manufacturer of storage, security and embedded IoT solutions for demanding applications. Swissbit combines its unique competences in storage and embedded IoT technology with its advanced packaging know how. This expertise allows our customers to reliably store and protect data in industrial, NetCom, automotive, medical and fiscal applications as well as across the Internet of Things (IoT).

Swissbit develops and manufactures industrial-grade storage and security products “Made in Germany” with high reliability, long-term availability, and custom optimization.

Swissbit’s storage range includes SSDs with PCIe and SATA interface such as mSATA, Slim SATA, CFast™, M.2 and 2.5” as well as CompactFlash, USB flash drives, SD Memory Cards, micro SD Memory Cards and managed NAND BGAs like e.MMC. Security products are available in various application specific editions as USB flash drives, SD Memory Cards, and micro SD Memory Cards.

Swissbit was founded in 2001 and has offices in Switzerland, Germany, USA, Japan and Taiwan. Swissbit owns the registered trademarks Swissbit® and Hyperstone®. Since 2020, the independent investment firm Ardian is holding a majority stake in the company to support its growth.

For further information, please visit [www.swissbit.com](http://www.swissbit.com)

Regional Headquarters:

Swissbit Germany AG  
Bitterfelder Strasse 22  
12681 Berlin  
Germany

Tel: [+49 30 936 954 0](tel:+49%2030%20936%20954%200)  
Email: info@swissbit.com

[www.swissbit.com](http://www.swissbit.com)

**Headquarters:**

Swissbit AG  
Industriestrasse 4  
9552 Bronschhofen  
Switzerland

Tel: +41 71 913 03 03  
Email: info@swissbit.com

[www.swissbit.com](http://www.swissbit.com)

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| Contact:  Swissbit AG Marian Weber Industriestrasse 4 9552 Bronschhofen Switzerland  Tel: +49 172 854 88 26 Email: marian.weber@swissbit.com  www.swissbit.com | Press Agency:  HighTech communications GmbH Brigitte Basilio Brunhamstrasse 21 81249 Munich Germany  Tel: +49 89 500778-20 Fax: +49 89 500778-77  Email: [b.basilio@htcm.de](mailto:b.basilio@htcm.de)  www.htcm.de |