# PRESS RELEASE

**Swissbit and lern.link secure Moodle with FIDO2 authentication**

Bronschhofen, Switzerland. August 3, 2023 – Storage and security specialist Swissbit and lern.link GmbH, one of the DACH region's top integration consultants for the Moodle learning management system, are enhancing security for online learning platforms. The integration of the FIDO2 standard, which allows users to securely log in to the Moodle platform using multi-factor authentication (MFA), is an important initial step in the partnership. The already established Moodle plug-in for "multi-factor authentication" has been extended to integrate FIDO2/WebAuthn on the initiative of both companies and with the help of Swissbit. It is available for download at moodle.org/plugins/. Certified Moodle service providers, such as lern.link, can now provide phishing-resistant authentication via hardware security key or FIDO stick to users such as universities, schools, and businesses. Customers will be able to purchase the secure authentication method directly during implementation in the future through lern.link's subscription model in a bundle with Swissbit's iShield Key Pro security key. Full details will be announced by the companies at the MoodleMoot Global conference in September 2023.

Learning platforms have grown in popularity not only since the pandemic. Their ability to make educational content more accessible and the learning process more flexible is now being adopted by a growing number of educational institutions throughout the world. Moodle, a platform-independent open-source learning management system (LMS) with a global presence and active development community, is one of the most popular solutions on the market.

Moodle implementation and rollout are handled by certified partners such as lern.link GmbH, which has a long list of corporate and educational clients. Cybersecurity is critical to lern.link as a full-service provider. Access to online platforms typically starts with a login process. For this reason, the company turned to Swissbit to collaborate on making the established FIDO2 standard available as an additional MFA option for Moodle.

FIDO2 is based on asymmetric cryptosystems and relies on hardware security keys for authentication. lern.link and Swissbit committed to implementing the standard into the existing plug-in for "multi-factor authentication" and financially backed the request for FIDO2 integration as a login choice in Moodle. The functionality was tested and confirmed with Swissbit's iShield Key Pro during implementation. In the spirit of platform openness, the plug-in is listed in the Moodle Plugins Directory and can be used by all Moodle system integrators and developers.

Moodle with Swissbit’s iShield Key Pro in a bundle

Both lern.link and Swissbit are working on a subscription model now that the technical prerequisites for using FIDO2 on Moodle have been created. In future, customers of lern.link will be able to order the required hardware security key, the Swissbit iShield Key Pro, when ordering a Moodle implementation. Details will be made available in the lead-up to MoodleMoot Global. The annual Moodle Community conference will take place in Barcelona from September 18 to 21, 2023.

**Available images**

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

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| iShield-FIDO2-top-up-certificateImage source: Swissbit**Swissbit's iShield Key Pro hardware security key is the perfect solution for FIDO2 authentication.** |

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| Image source: lern.link GmbH**Germany-based lern.link GmbH is a certified Moodle partner and one of the DACH region's leading full-service providers for authoring and learning management systems.** | Image source: Moodle**Moodle: The open-source learning platform (Learning Management System) is used by educational institutions, businesses, and organizations worldwide.** |

**About lern.link**

Lern.link GmbH is one of the leading providers of full-service solutions in the area of authoring systems, learning management systems and video conferencing in the DACH region and has extensive expertise in the design and implementation of customized learning environments based on open-source software such as Moodle, BigBlueButton and H5P.

As a certified Moodle partner, lern.link extends and supports the successful open-source platform through integrations and extensions. The offer is primarily aimed at companies and organizations seeking digital sovereignty as well as independence from international software corporations.

Lern.link-Conference, lern.link's audio and video training platform, is based on BigBlueButton and offers customers dynamic availability far beyond the standard application through extended functionalities and integration options.

Moodle has a prominent position in the industry as a platform-independent, open-source learning management system (LMS) with tremendous global presence and a very active developer community.

Lern.link was founded in 2010 as a remote company in the DACH region, became a GmbH in 2018 and owns the registered trademarks lern.link® and webterm.in®.

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**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.

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