

Press release

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IT security

SwissSign is banking on a modern PKI solution for its certificate management with libC as its technology partner.

Leading Swiss Trust Service Provider SwissSign launched a new state-of-the-art managed PKI solution based on the latest technological standards in October 2022. The aim is to make the process of issuing digital certificates, required to safeguard companies' IT infrastructure, even easier and more convenient going forward. As its technology partner, SwissSign is banking on Swiss company libC with their solution *SwissPKI*.

SwissSign launched its new managed PKI solution in October 2022 with the aim of making the process of issuing digital certificates even easier and more convenient going forward. The new **high-performance, scalable and secure infrastructure** replaces the current environment and enables the use of additional interfaces for the **automated issuing of certificates**. These include, e.g. a REST API based on OpenAPI V3 or the ACME protocol. Customers also benefit from a user-friendly dashboard, allowing them to **keep tabs on their certificate lifecycle at all times**. It was important for SwissSign to find a technology partner that could come up with a **Swiss-made solution** and would be interested in jointly developing the platform on a long-term basis – that is why they opted for libC. As a Swiss Trust Service Provider with over 20 years in the trust service industry, SwissSign already meets the requirements of the **CA/B forum**, the registration authority for publicly trusted certificates, with its current solution.

Why companies should be looking to implement a PKI solution.

- ✓ To safeguard the privacy and protection of customer data
- ✓ To increase customer confidence in the web application of companies
- ✓ To protect against phishing and man-in-the-middle attacks
- ✓ To improve visibility in the Google ranking



libC as our technology partner

The PKI software from libC Technologies, a recognised technology provider in IT security, is a modern solution that enables the required flexibility in the area of software architecture, optimally taking into account and integrating the customer needs and processes of SwissSign.

Jürg Graf, CEO of SwissSign, explains: “With our new PKI solution, we are delighted to be able to provide our customers with a modern environment in the usual SwissSign quality. IT security is a key topic in every company and certificate management is playing an increasingly important role.”

Marcel Suter, Owner of libC Technologies, Director Solutions: “Technology meets business – that’s the best way to describe our partnership with SwissSign. We are proud to be able to join forces with SwissSign and offer to the general public a PKI solution which has been developed here in Switzerland. This safeguards identities and business processes and paves the way for the digital future.”

Quick guide to PKI

PKI stands for public key infrastructure. A PKI enables the secure and confidential exchange of data in a public network like the Internet. The process is based on a public key and a private key. Before a connection can be established in a public network, therefore, e.g. between a web shop and a web shop visitor, the PKI checks the identity ("the certificate") of the web shop. Once this check has been completed successfully, an encrypted connection is established. A padlock icon in the browser indicates an encrypted connection (HTTPS).



Media contact:

Diane Illi, Head of Marketing & Communications SwissSign AG
Email: pr@swissign.com

Markus Zimmermann, Director Business Development
Email: marketing@libc.ch

About SwissSign

SwissSign is a Swiss Post data security specialist. SwissSign has two cornerstones: identity services under the brand SwissID and certificate services under the brand SwissSign. SwissID is the digital identity of Switzerland, enabling simple and secure access to the online world. Using the digital signature 'SwissID Sign' allows legally valid online conclusion of business. Thanks to electronic certificates, data can be exchanged in encrypted form and therefore protected against unauthorised access. As a Swiss trust service provider (TSP), SwissSign protects all data according to the highest security standards while keeping it in Switzerland.

About libC Technologies SA

libC Technologies is a leading provider of IT security and software development solutions and services. More than 60 well-known companies trust libC's expertise and solutions. First-class references, as well as numerous strategic projects for the Swiss government and for customers from the financial, insurance, commercial, industrial, and telecommunications sectors, complete the company profile. The company is owner-managed and has been operational since 2012 with headquarters in Lausanne (Switzerland) and offices in Zurich (Switzerland) and Dublin (Ireland).