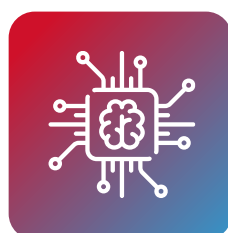# Managed Certificates as a Service

Manage your certificates around the clock thanks to the CaaS certificate management solution. Scalable for any requirement.

High degree of automation

Out of the box solution

Central certificate management

Your challenge

Since 1 September 2020, SSL certificates may only be issued for a period of 12 months. A further reduction in the near future is on the horizon. The resulting recurring exchange of certificates leads to considerable effort.

At the same time, new areas of application for certificates are constantly emerging, e.g. applications in the cloud, containers, digital signatures, decentralised devices from the areas of Industrial Internet, Internet of Things (IoT) and embedded systems. As a result, the demand and thus the number of certificates for securing and encrypting data streams is continuously increasing. This significantly increases the quantities of certificates to be managed and certificate handling becomes technically more complex and expensive.

Certificates that expire unnoticed can endanger operational security and result in legal consequences.

The entire management process - from monitoring to applying for, renewing certificates to distributing them to the surrounding target systems - costs time and ties up valuable resources.

Therefore, certificate management can hardly be mastered without tool support any more.

The solution

The Certificates-as-a-Service solution (CaaS) combines the certificate management tool of essendi xc with the Managed Personal Key Infrastructure (PKI) of SwissSign.

You can automatically apply for, manage and install certificates in the target environments. Connectors create the link up to the last mile and deliver certificates directly into your servers and target devices. Once set up, most processes run automatically.

Thanks to the simple onboarding, you are ready to go in just a few steps and can request, change and revoke certificates independently around the clock.

The solution includes the following certificate products:

SSL certificates

- DV SSL Silver Single-Domain
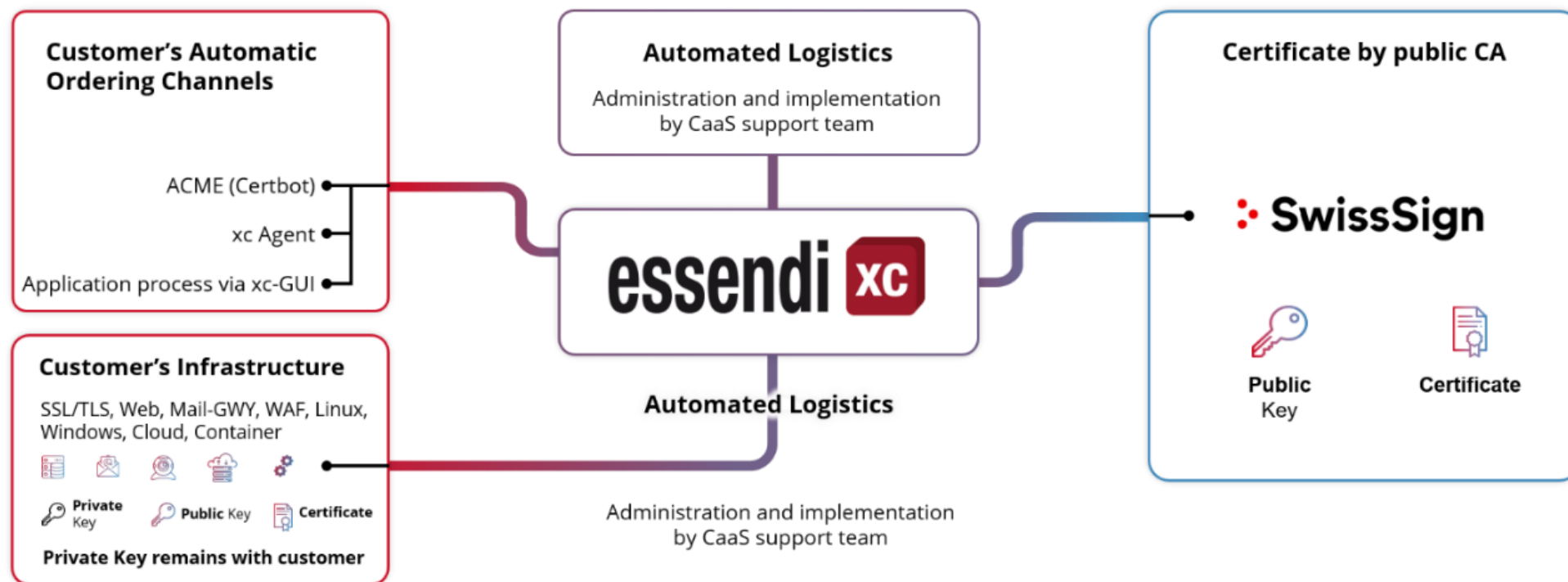- OV SSL Gold Single-Domain
- EV SSL Gold Single-Domain

E-mail certificates

- Personal S/MIME E-Mail ID Silver
- Pro S/MIME E-Mail ID Gold

Would you like to learn more or get to know the solution with a demo? We will be happy to advise you.

The solution package for clients

Customer's Automatic Ordering Channels
- ACME (Certbot)
- xc Agent
- Application process via xc-GUI

Automated Logistics
Administration and implementation by CaaS support team

essendi xc

Automated Logistics
Administration and implementation by CaaS support team

Certificate by public CA

SwissSign

Public Key Certificate

Customer's Infrastructure
SSL/TLS, Web, Mail-GWY, WAF, Linux, Windows, Cloud, Container

Private Key Public Key Certificate

Private Key remains with customer

Two strong brands with years of experience.
essendi and SwissSign

CaaS customer benefits

- CaaS covers the entire lifecycle of certificates.

- Certificates of all types and for all use cases are managed centrally and uniformly.

- Functions and systems are provided as managed services.

- Apart from the connectors in your systems, no additional software is required.

- The certificates and the platform combined in CaaS enjoy a level of trust because they are "made" in Switzerland and the EU.

- CaaS is a cloud-based solution that allows for attractive pricing and makes CaaS interesting especially for small and medium-sized enterprises.

- Alternatively, onsite operation in your infrastructure is also possible.

- The all-inclusive price is based on the certificate types needed.

- Our multilingual hotline is available for support requests.

- You can trust in the long-term experience of two independent specialists.

Would you like to learn more or get to know the solution with a demo? We will be happy to advise you.