

TeleTrust-EBCA "PKI-Workshop" 2023

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"Open Industrial PKI: Von der Idee bis zur Umsetzung"

Florian Handke, Campus Schwarzwald

Andreas Philipp, Keyfactor

Who we are?



Florian Handke
Industrial Security
Campus Schwarzwald



Andreas Philipp
Senior Business Development Manager IoT
Keyfactor

Agenda



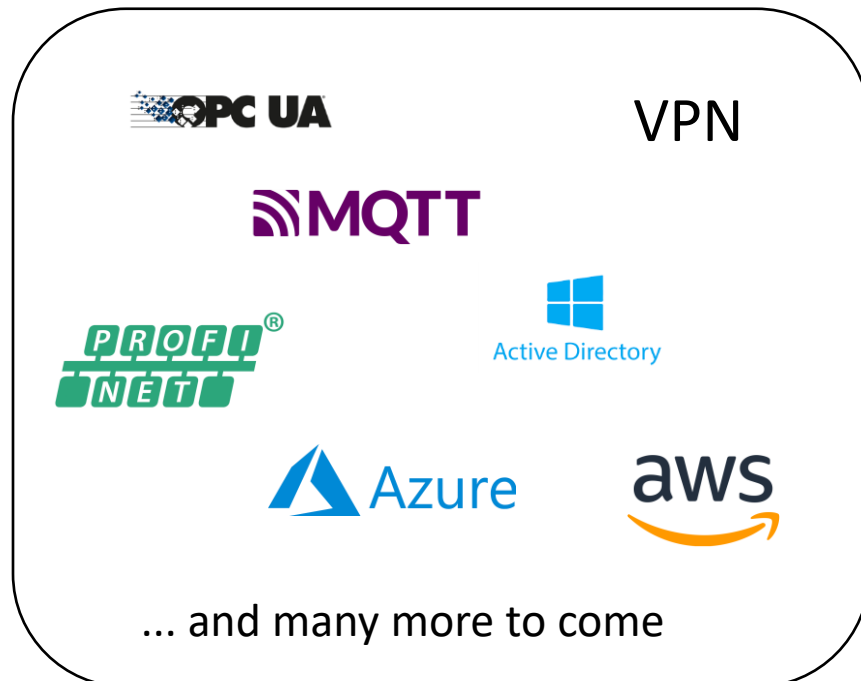
1. Introduction Open industrial PKI
2. Planning the foundation of an association (e.V.)

Introduction Open industrial PKI

The basic idea

Managed certificates are a must have for the digitized factory

Factory applications that (will) rely on digital certificates as strong security mechanisms

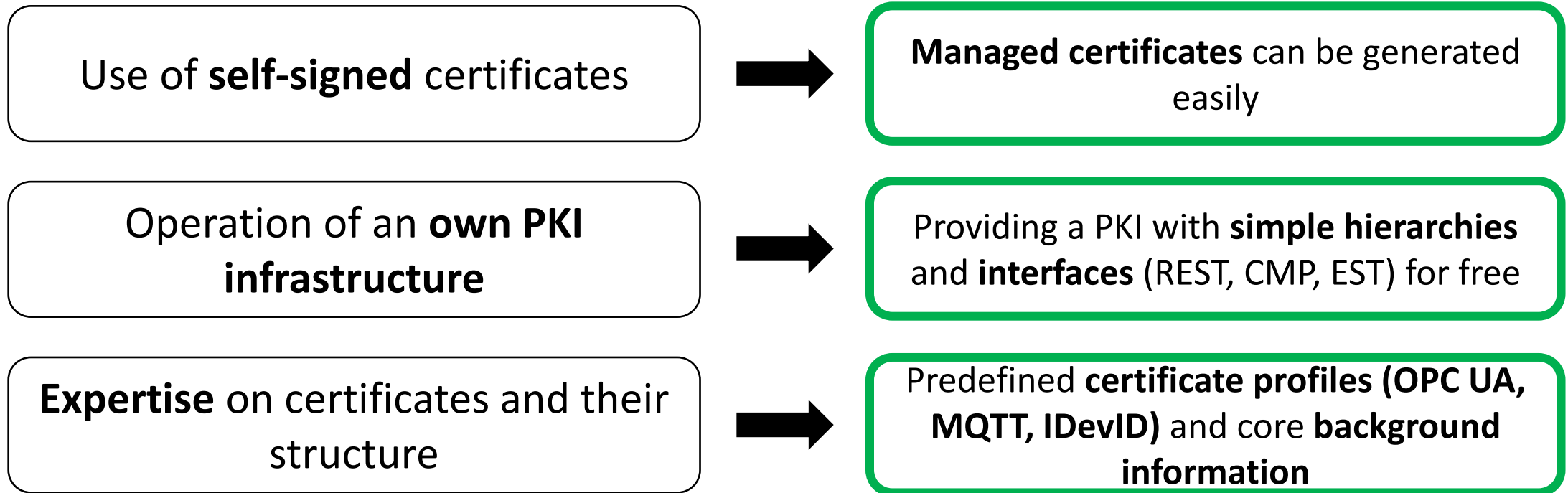


VS.

The present situation in organisations / factories

- **Large companies** that operate their own infrastructures
- Many small and medium-sized enterprises that have **no expertise** and **no means to operate an infrastructure**
- General **lack of awareness** of implementation (self-signed certificates)

Where Open industrial PKI comes in

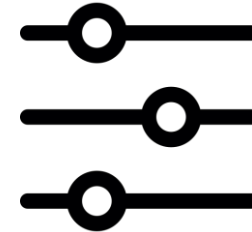


... and what it does not offer



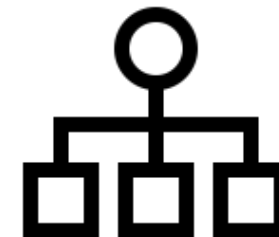
Highly available systems with corresponding SLAs

Specific requirements for certificates and their content

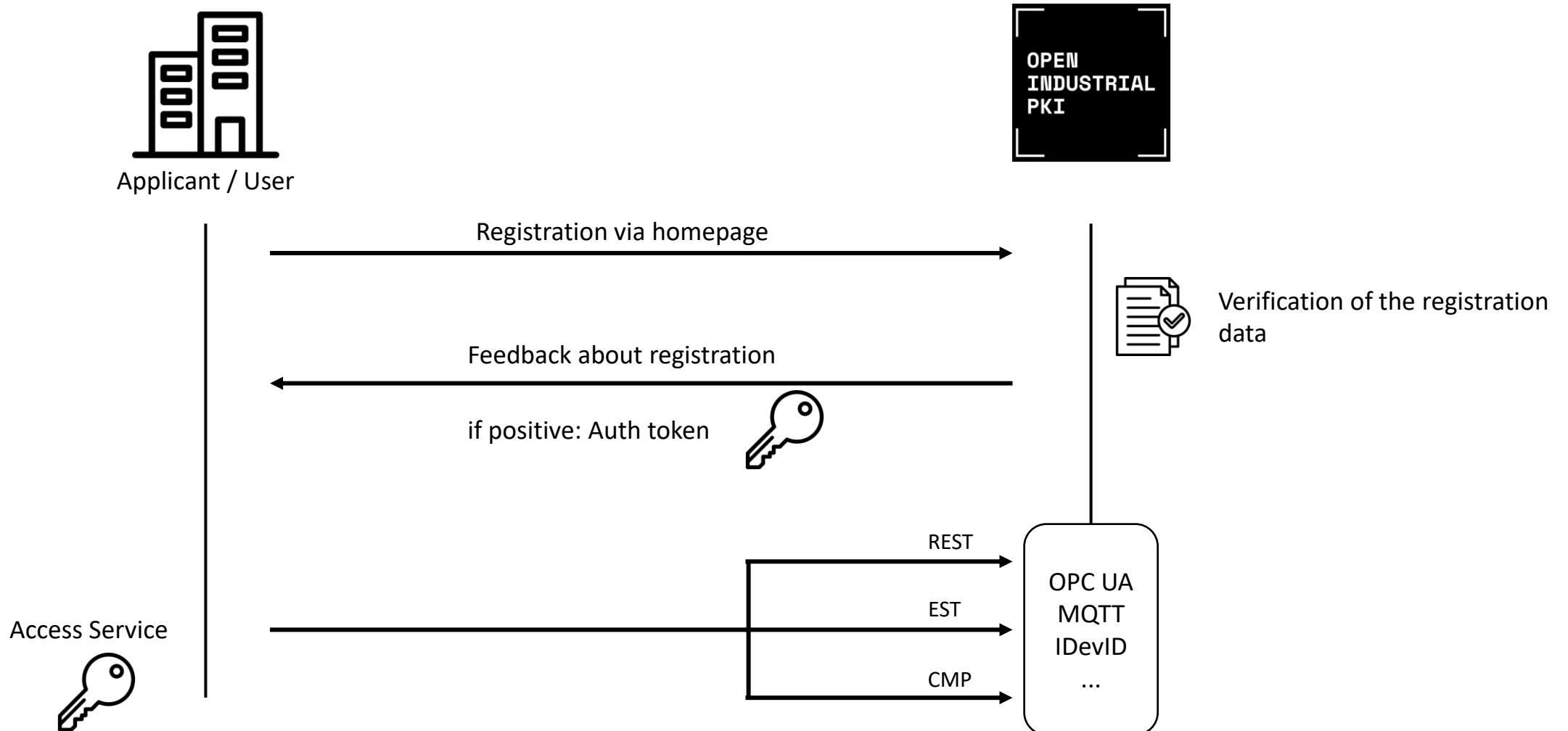


Complex and business specific PKI Hierarchies

Full management capabilities of an own infrastructure



Registration and Usage



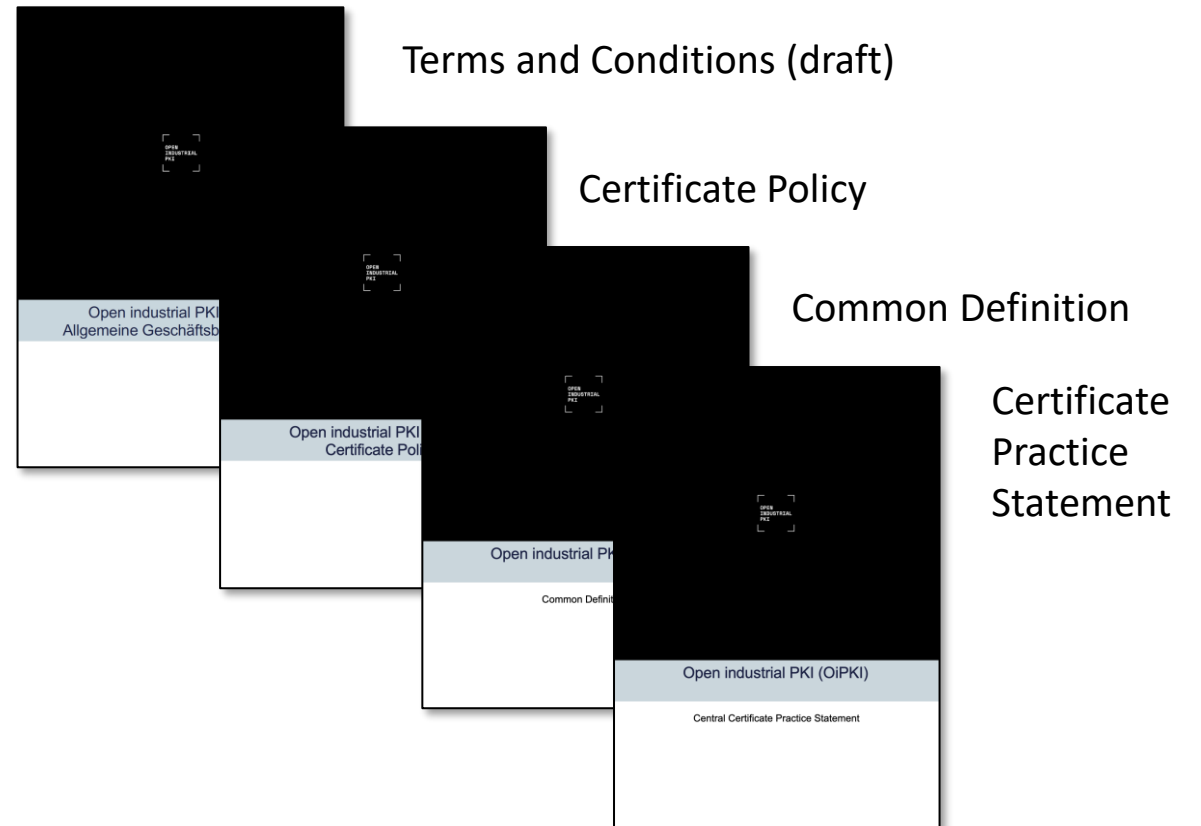
Planning the foundation of an association (e.V.)

Why an association (e.V.)?

Open industrial PKI should be supported by several parties in the **long term**:

- With an association we secure the **long-term funding**
- With different parties from the industry we **promote the use of certificates**
- With the broad line-up of different partners we ensure **trust in the service**

**OPEN
INDUSTRIAL
PKI**



Contribute?



In order to get Open Industrial PKI off the ground, we are looking for more contributors.

If you are interestd, please contact us:

open.industrial.pki@campus-schwarzwald.de

Thank you!



Securing the
connected factory