

# Info Session

## Open industrial PKI e.V.

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25-07-2023

01-08-2023

08-08-2023

# Agenda



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

# 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



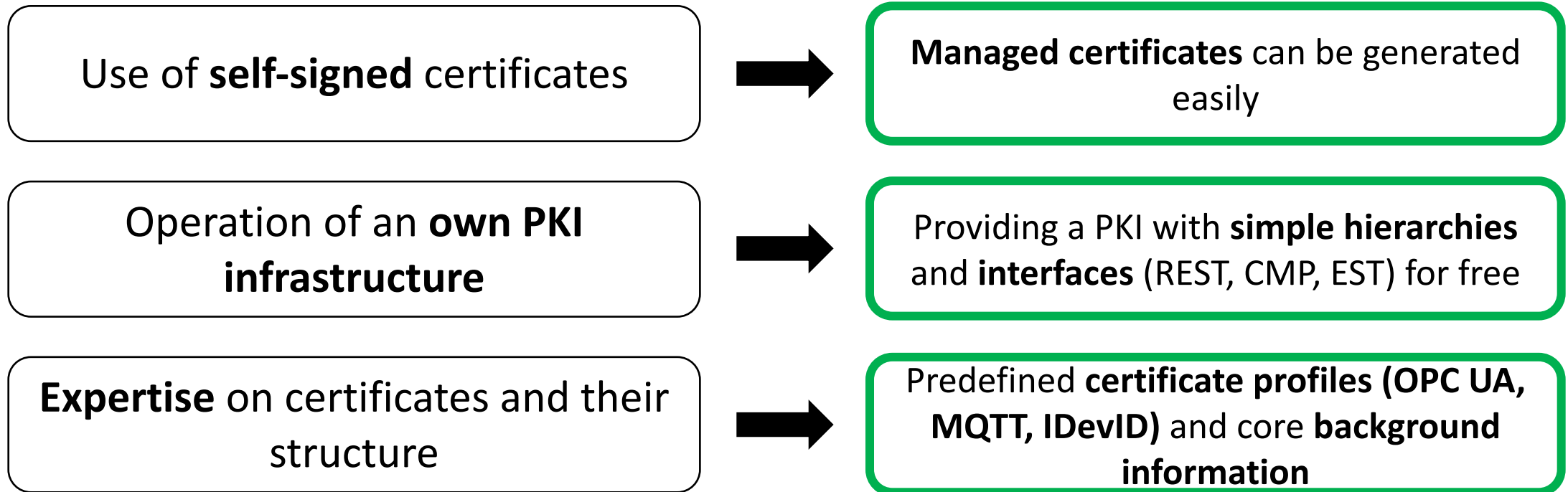
... and many more to come

The present situation in organisations / factories

VS.

- **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

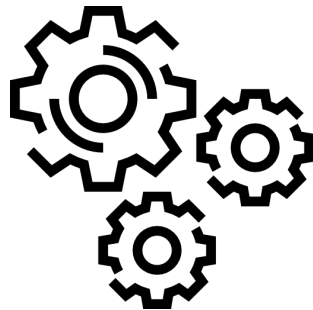
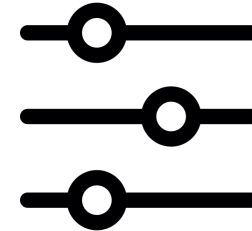


# ... and what it does not offer



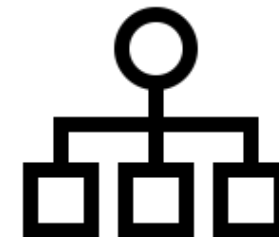
Highly available systems with corresponding SLAs

Specific requirements for certificates and their content

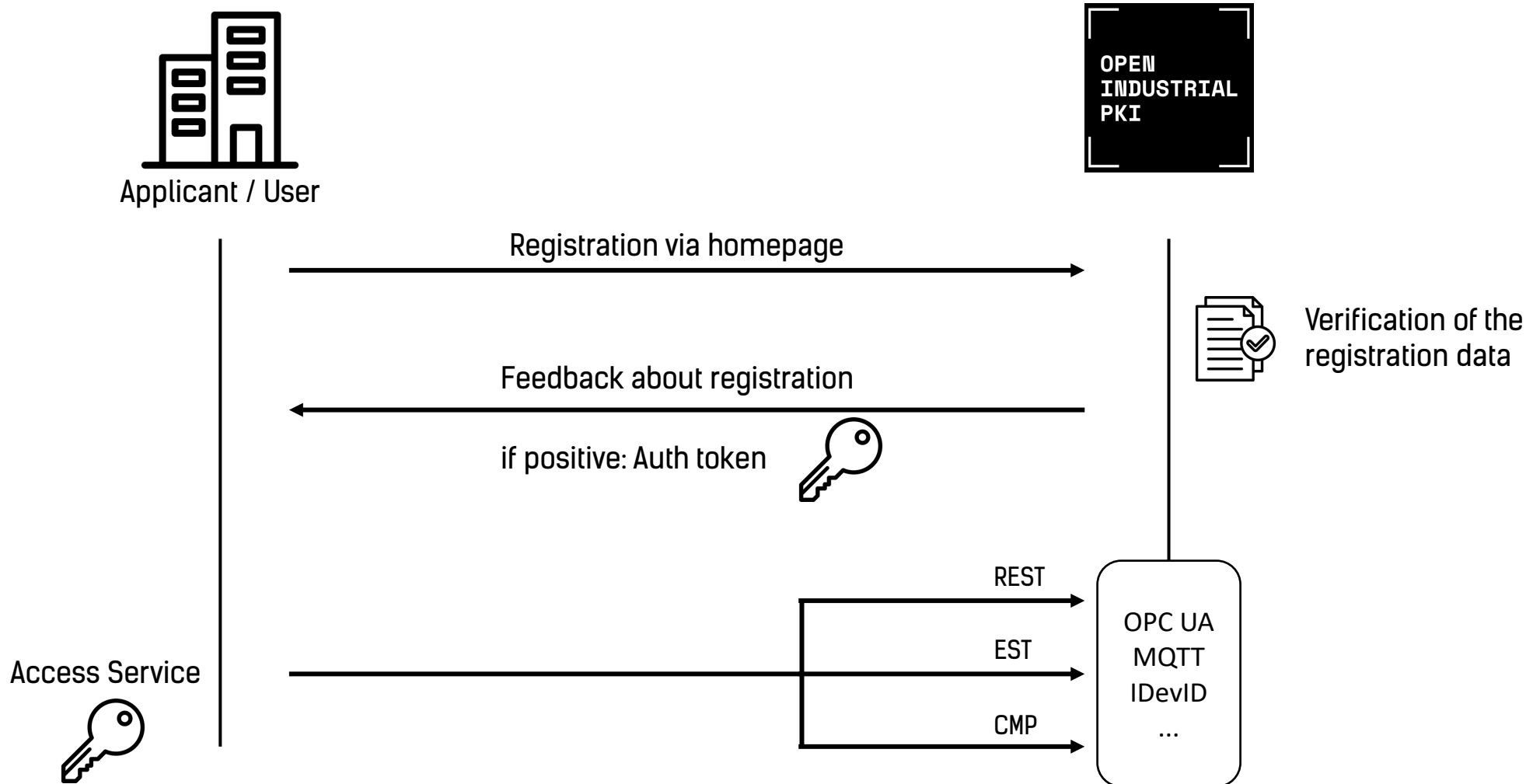


Complex and business specific PKI Hierarchies

Full management capabilities of an own infrastructure



# Registration and Usage



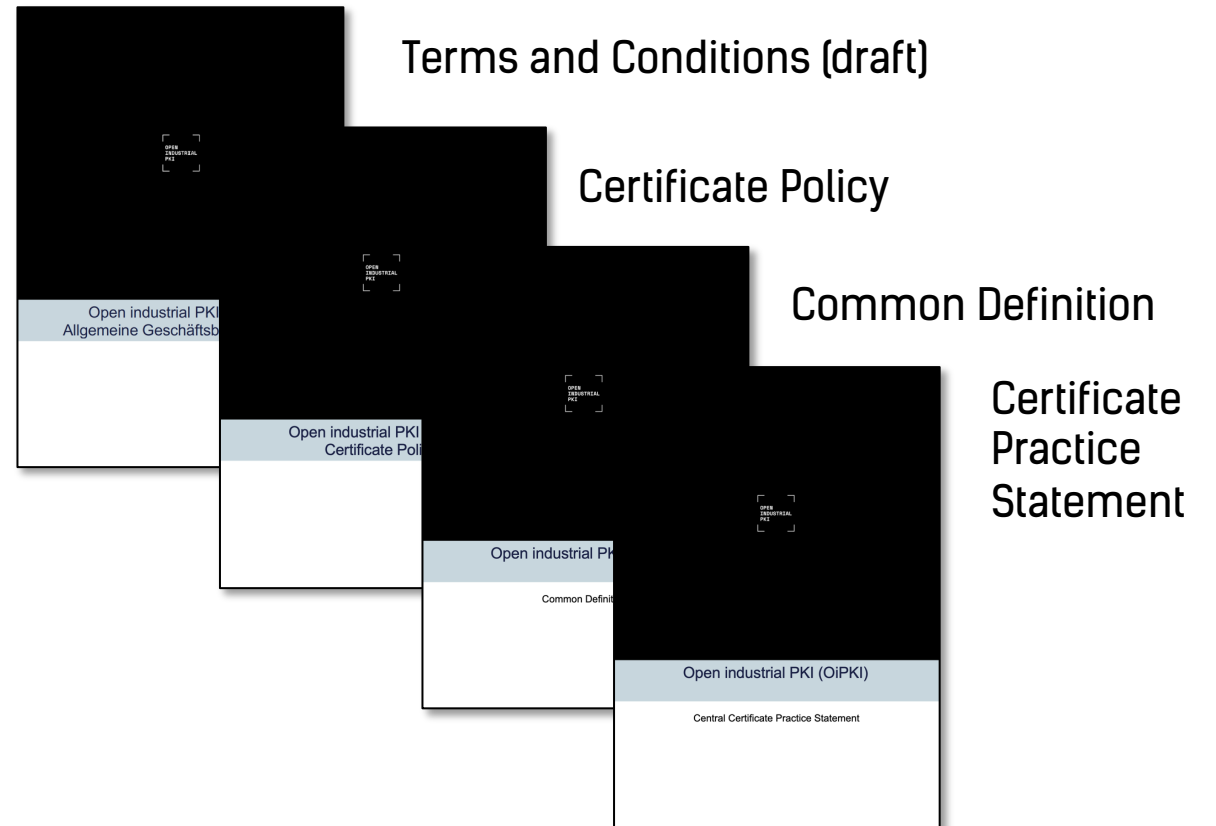
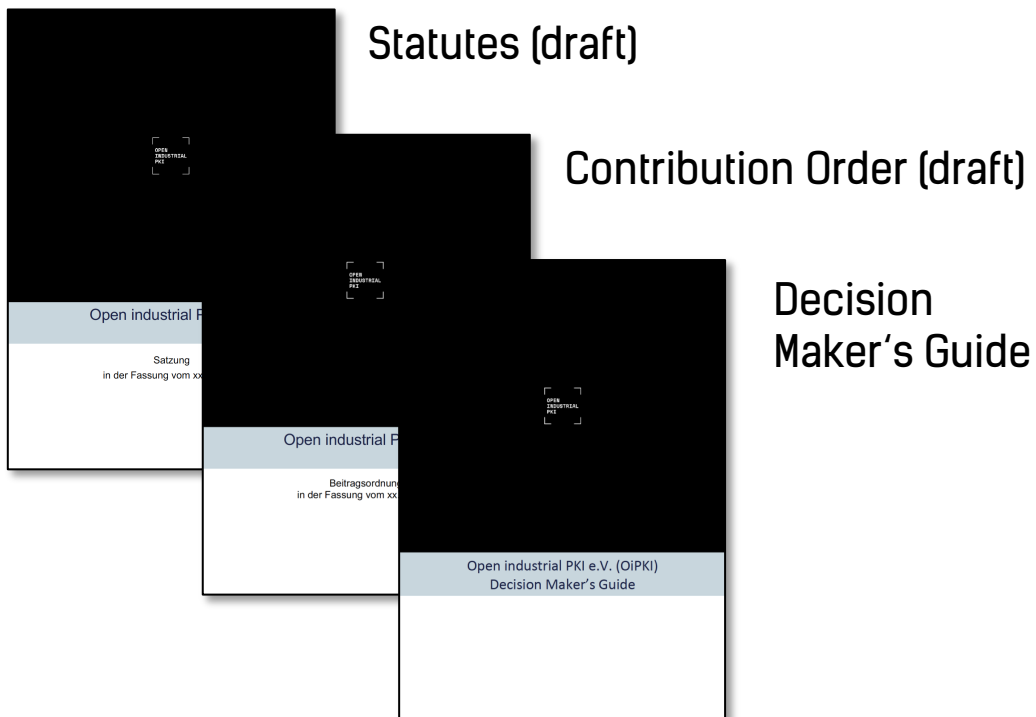
# Planning the foundation of an association (e.V.)



# 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**



# Next steps

- A first draft of the documents can be sent if requested
- Feedback on the **preliminary expression of interest** by 15.09.2023
- Joint **meeting with interested parties** on 04.10.2023
- **Final foundation** of the association on 11.10.2023

# Open discussion

# Thank you!

Securing the  
**connected factory**