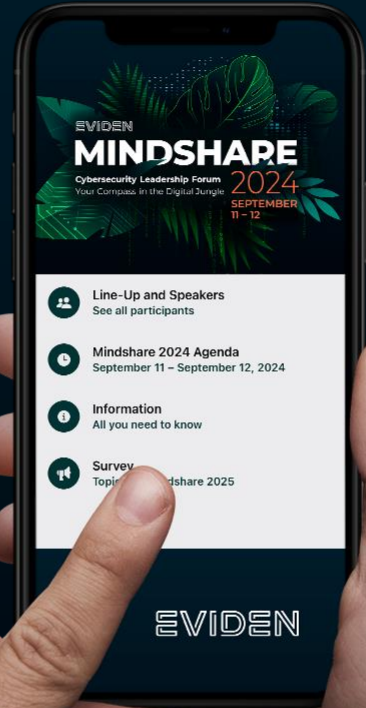


# MINDSHARE 2024 AGENDA



SCAN NOW !



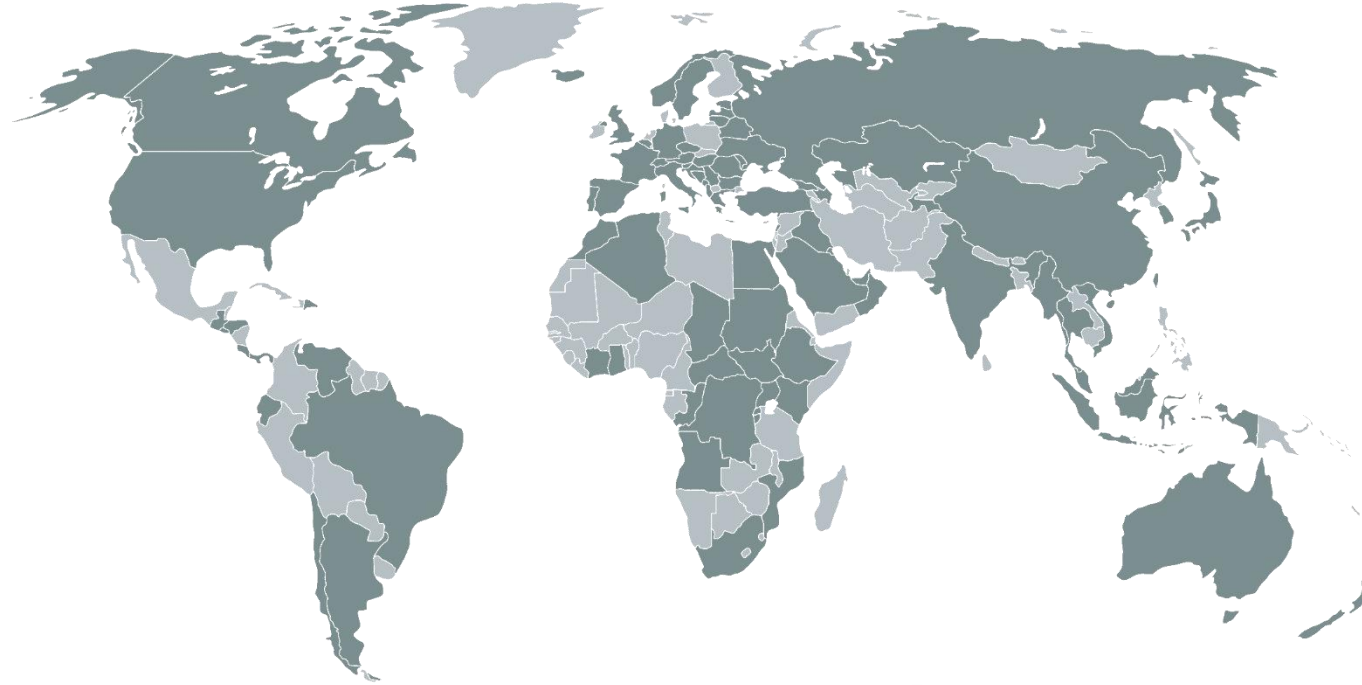
## Case Study: Replacing an eID Card System with Smooth Document Upgrades, Middleware and Personalization Solution

Tim Wilbrink



# Global References

- Lead in over 300 ID projects worldwide - from basic solutions up to highly complex BOT-projects
- Decisive know-how & experience in tailor-made solutions
- Client support during the whole project & beyond

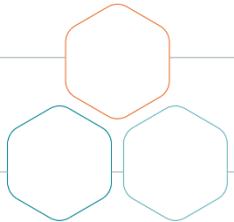


# Once upon a time ...

... Mühlbauer was approached by a ministry.

They were already using personalization machines from Mühlbauer and they were happy.

And they already had eID cards and were happy – but realized it was time for some updates.



# The situation before

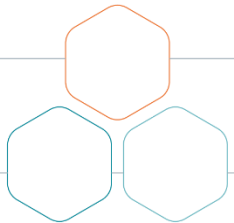
eID card and system in place for more than a decade

eID card with a lot of applications

- some standard
- mostly highly customized

High adoption rate in governmental processes

- A lot of stakeholders for a lot of functions
- different ministries are involved

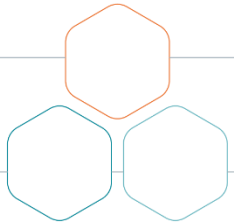


# What could be improved

Many functions that can be achieved by standards

Outdated algorithms

Complete stack outside of the card was not updated for a while

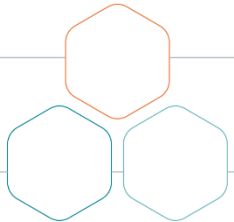


# Mühlbauer needs a partner

Extremely flexible card applications

Possibility for customization

Good integration with middleware on a vast range of systems



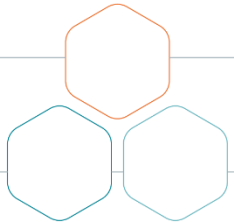
Mühlbauer found a partner

# EVIDEN

ePasslet Suite

SCinterface

Consulting & Support





# The tasks

1.

Consulting

2.

Card  
Applications

3.

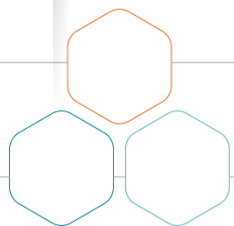
Chip  
Coding

4.


Personalization

5.

Usage



# The tasks

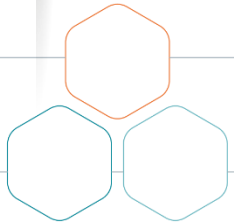


Consulting


We evaluated all components in the full eco system together with the customer

Partially the infrastructure were black boxes without the possibility for adjustments

Proprietary security protocols were used in card communication



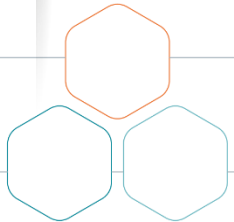
# The tasks



Card  
Applications

ePasslet Suite is flexible and was configured to meet almost all requirements

For the last few requirements ePasslet Suite had to be customized



# The tasks



Chip coding

Personalization

Chip coding had to be completely changed

ePasslet Suite + Sampler were very helpful during the process

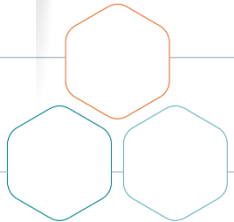
# The tasks



Usage

SCinterface integrated the new cards profile for smooth integration

SCinterface integrated the old cards profile for smooth transition



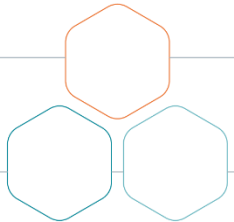
# Summary

eID systems age and replacements are getting more and more common.

eID Card applications are harder to customize than infrastructure applications.

Sticking to standards prevents from vendor lock-in and increase interoperability.

You have to support more than one eID generation.



# Thank you for your attention

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# TAKE A MINUTE AND GIVE US FEEDBACK ...



**RATE  
NOW!**

