

MOBILE ID

A New Factor for Document & Verification



Hans-Wilhelm Jeibmann
Information Systems
Mühlbauer ID Services GmbH

Identification Document Value



Identification Document Value

Representation of the country

Clarity of identity



Access to additional
services (eGovernment)

Proven against fraudulent attacks

Imitation of documents · Photo substitution · Cannibalization
Alteration of the biographical data · Copying of documents

Identification Document Influence Factors



Materials



Standards



Qualification



Security & Design



Personalization
Technology



Production
Environment

Mühlbauer Document Solution



MÜHLBAUER
TECH WEEK 2018
08 - 12 OCTOBER 2018 | RODING, GERMANY

Identification Document

Inspection Levels



Classic Document Technologies

International Standards



Classic Document Technologies

Standard Tools for Inspection

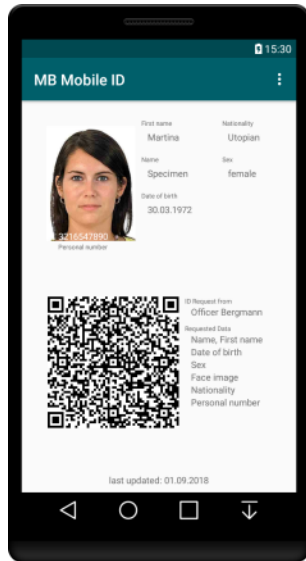




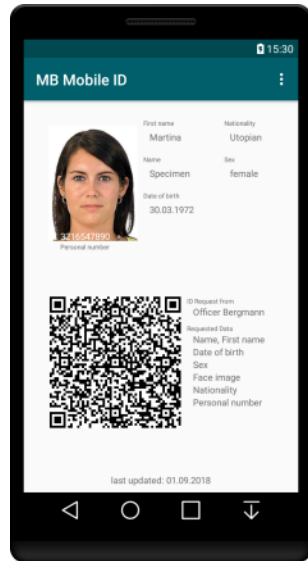
- Cannot be easily updated
- Production takes time
- Can only be blacklisted if lost or stolen
- Needs to be carried by the person
- Always shows all the information

Mobile ID

A Device – Always by Your Side



- Cannot be easily updated
- Production takes time
- Can only be blacklisted
- To be carried by the person
- Always shows all the information
- Updates on the fly
- Instant issuance possible
- ?
- You already carry it
- Presents information on demand

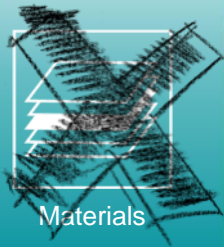


Common uses cases can be found on **national level**:

- Age verification
 - Buying alcohol or tobacco
 - Entering a club
- ID of drivers
- ID for services
 - Banking
 - Telecommunications

No need for worldwide standardization

Identification Document Influence Factors



Mühlbauer Document Solution



Mobile ID

Secure Identification without a Secure Document

**insecure
platform**



Secure platform





Mobile ID Benefits:

- Updates on the fly
- Instant issuance possible
- You already carry it
- Presents information on demand

Mobile ID

Secure Identification without a Secure Document



- Stores the same (and even more) data as a physical ID
- Keeps data up-to-date via online connection
- Protects access by means of app / device
- Keeps data private – only necessary data is shared

Mobile ID

Secure Identification without a Secure Document



- Civil Register contains up-to-date data
 - Identification data
 - Biometric data
- Access to blacklists
 - Penalites
 - Search warrants
 - No-Fly List
- Trustworthy data



Mobile ID

Secure Identification



Mobile ID

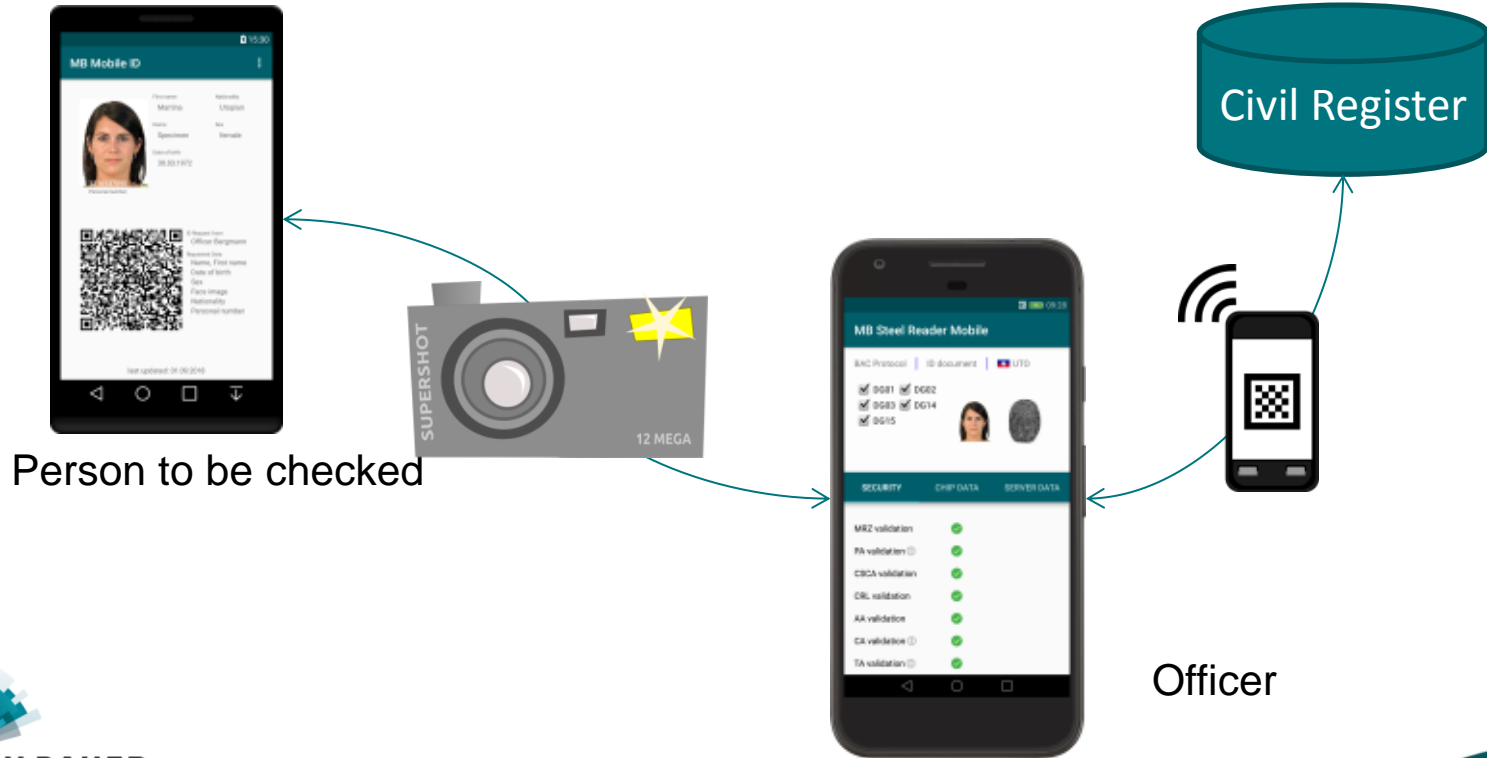
Secure Identification without a Secure Document



MÜHLBAUER
TECH WEEK 2018
08 - 12 OCTOBER 2018 | RODING, GERMANY

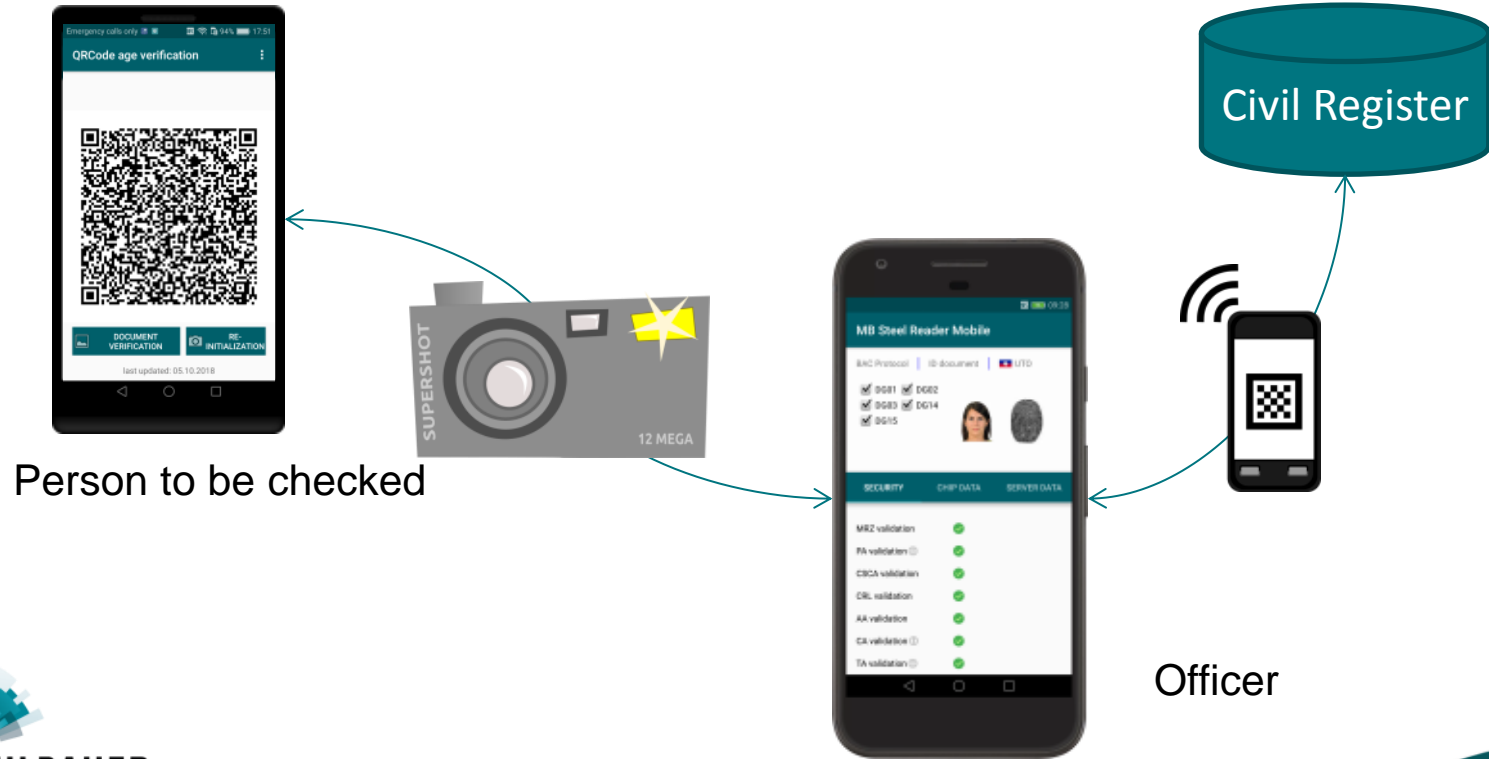
Mobile ID

Secure Identification without a Secure Document



Mobile ID

Keeping Personal Data Private



Mobile ID

Keeping Personal Data Private



Person to be checked



Officer

MB Steel Reader Mobile

Video





Application in Governmental Field

- Document/Person verification & identification
 - Mobile
 - Stationary
- Also applicable at borders or other security-relevant places like
 - Airports
 - Harbors
 - Terminals
 - Hotspots

Application in Private Sector

- Document verification by private instances (mobile)
 - Car rental
 - Banking / Finance
 - HealthCare
 - Telecommunications

Mobile ID

A Useful Tool for the Future



The new form factor to be introduced:

- A great way for everyday identification
- Physical documents are not necessary (optional as add-on)
- Increases privacy and convenience
- Lowers the level to check an ID



MÜHLBAUER TECH WEEK 2018

08 - 12 OCTOBER 2018 RODING, GERMANY

*Thank you
for your attention!*