

secunet

encrypt. protect. trust.

Welcome



secunet

secunet (bocoa)

Intuitive App for Smartphones
to Enhance Mobile Police Operations



Mobile Police Applications for Smartphones

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“On the road” smartphone app for police officers

- Provides the key functionalities to check individuals and ID documents
- Uses standard Android or iOS Hardware

Based on the established product secunet biomiddle

- biomiddle is used for more than a decade at border control

Reduces the workload for individual checks

- Officers can spend more time on critical issues
- The overall density of checks is increased

Helps the police officer to make the right decisions

- Detection rate of forged, falsified or stolen ID documents and fraudulent identities is significantly increased



Mobile Police Applications for Smartphones

Current situation for most police officers „in the field“

- No online access to internal watchlist databases
 - » Error-prone communication (voice communication with operation control center using radio equipment)
 - » Staff at operation control center is involved in every query
 - » Time consuming process in general
- The potential to verify modern ID documents that contain a chip is not used
 - » Often it's just a quick visual check of the document
 - » Success depend predominantly on officers experience

Increasing demand to use business police apps on smartphones



Police Applications (1/3)

Offline Document check

- Check authenticity of electronic ID document
- Read chip information via NFC interface
- Display chip data (image and MRZ)
- Compare MRZ optically and electronically
- Connection to EAC-PKI
 - » Read fingerprint from eID card

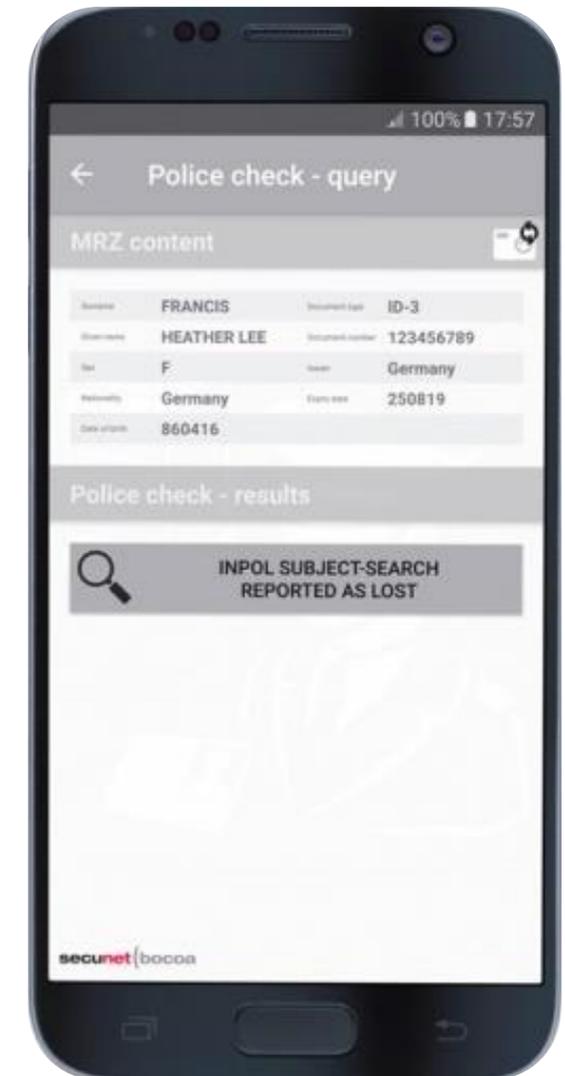
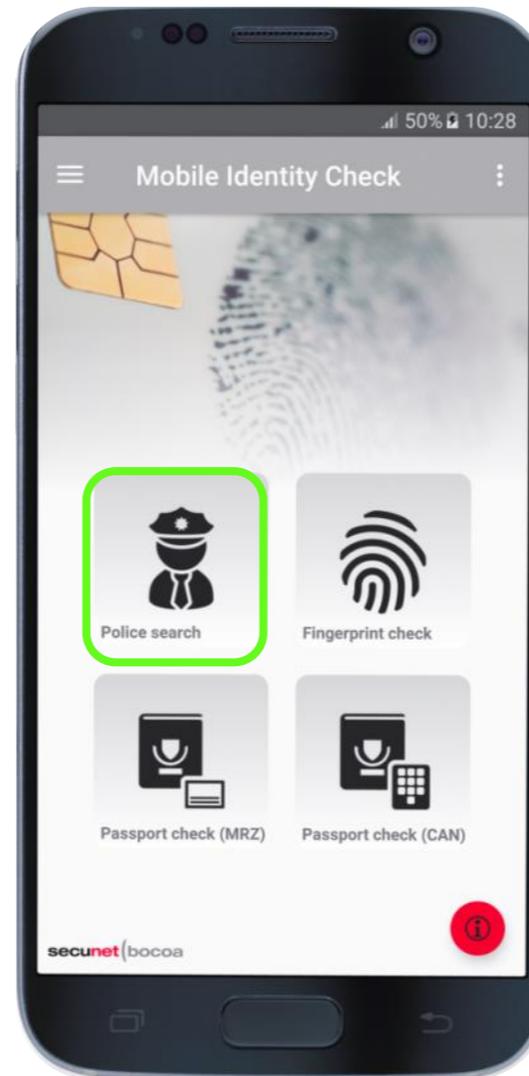
DEMO!



Police Applications (2/3)

Online background check of data

- Based on MRZ data scanned via Smartphone
- Display ePassport data and results from background check



Police Applications (3/3)

Possible online Checks using Background Police Applications

- Based on captured biometric traits
 - >> Mobile capture of fingerprint using external fingerprint scanner, using a FBI-certified fingerprint scanner
 - >> Mobile capture of facial image
 - >> Iris also possible (no implementations in Europe)

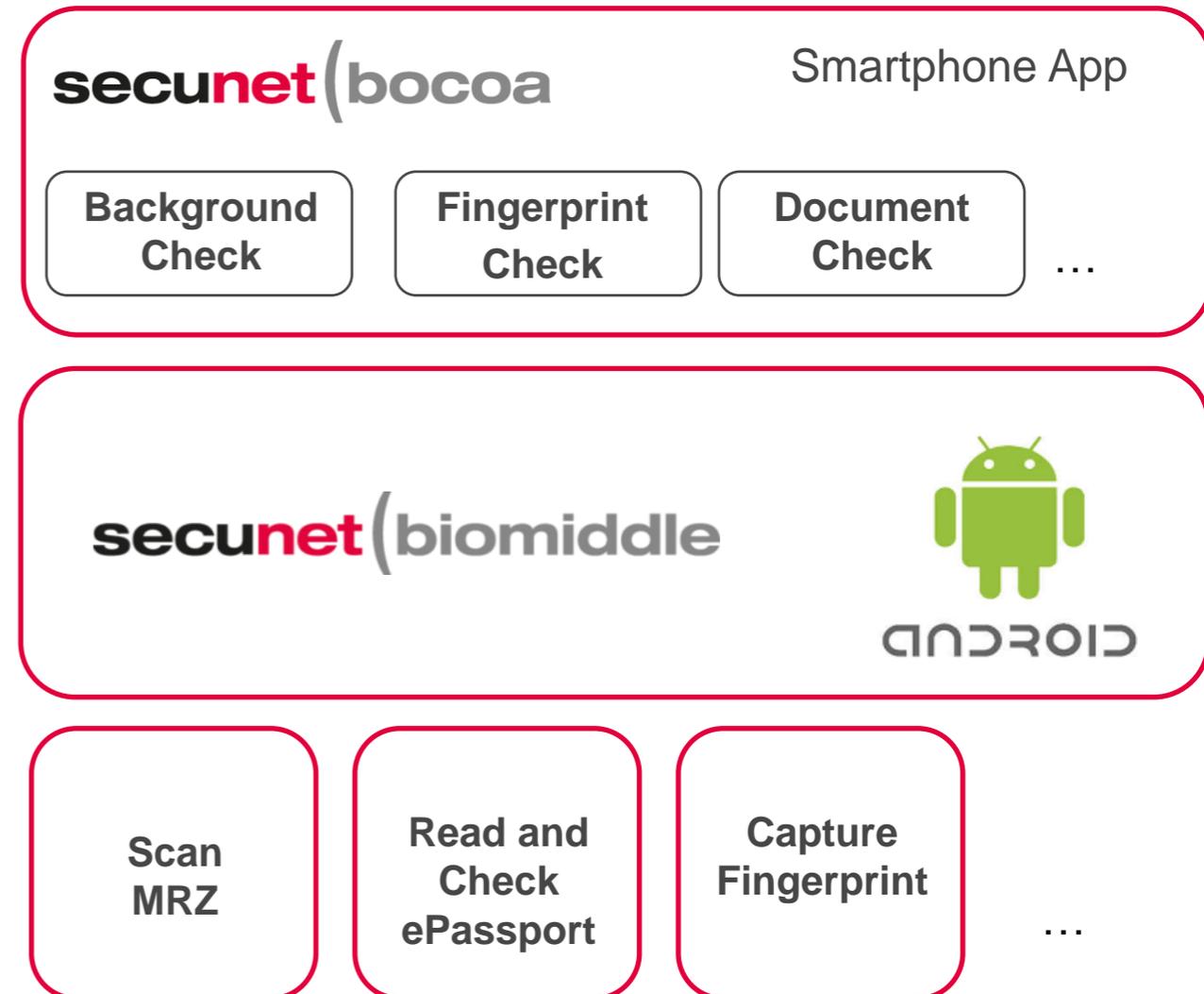
- Search for biometric traits in databases
 - >> Check biographic data (Fast-ID/BKA)
 - >> Search for fingerprint (AFIS)
 - >> Search for facial image (Face Recognition Databases?)



Architecture for Android Smartphones

- Implements individual methods and requirements for each function
- Serves as interface between all system components
- Modules separate each technology and provide respective functions

iOS coming now!



Intuitive Border Control App for Smartphones to Enhance Mobile Police Operations

- Proven secunet biomiddle architecture based on Android and iOS
- Supports most important police applications
- Supports all cryptographic methods to securely check electronic ID documents
- Modular and flexible, operable in a secured customer infrastructure, MDM integration supported
- Customizable



... available for desktops, tablets and smartphones



Why secunet boca?

User-friendly

- Unique user interface design and feedback during document and traveller check processes
- Intuitive and easy use
- Modern design

Future-proof

- Flexible integration of upcoming border control workflows and systems
- Future-proof due to easy customization of a proven product



Flexible

- Flexible and adaptable application framework
- Customizable to cope for dedicated scenarios and customer wishes
- Available for stationary and mobile use
- Wide range of hardware supported

Secure

- Market leader in terms of secure and fast travel document verification
- Thorough document and traveller verification to the full extent based on proven products



secunet border gears

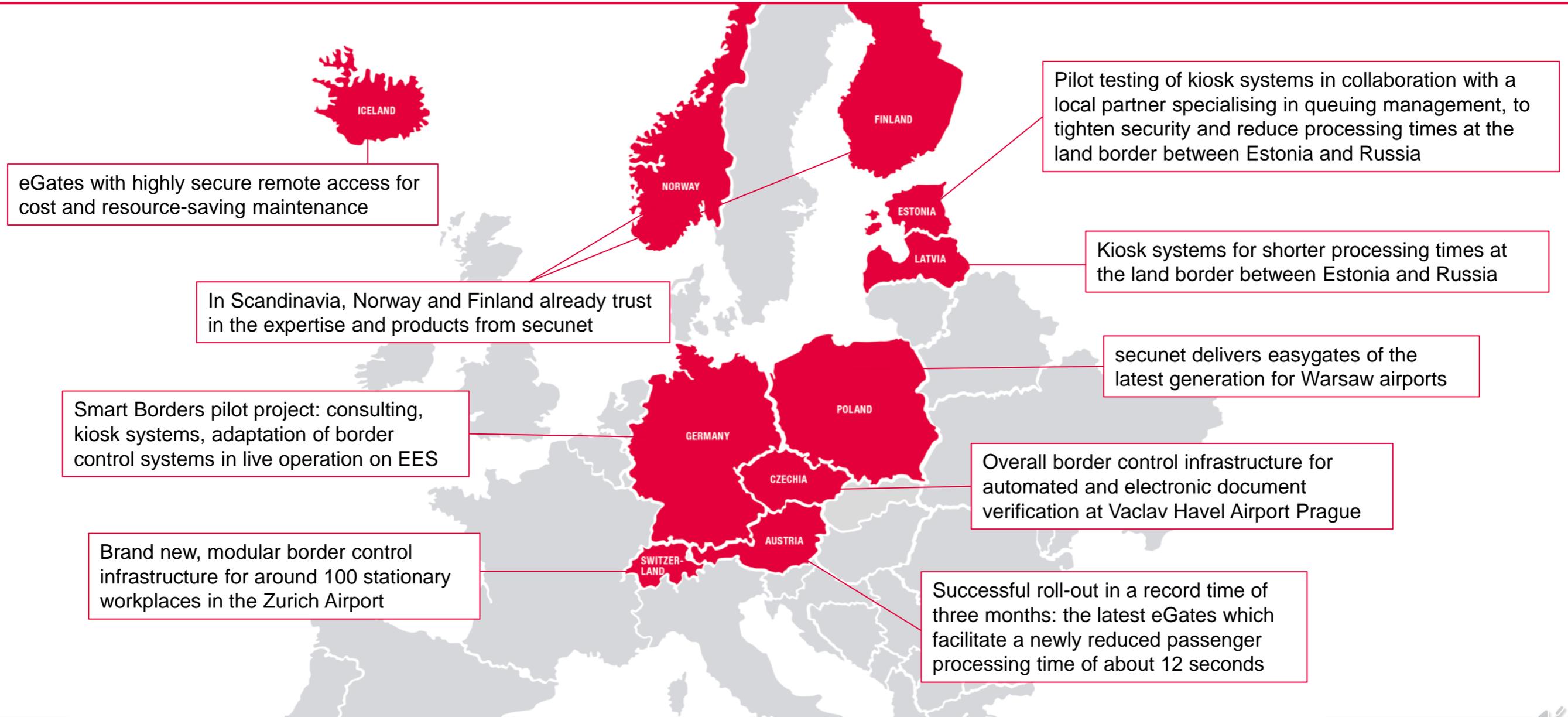
Complete EES border solutions.



EES-
READY



Some REFERENCES



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Thank You

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