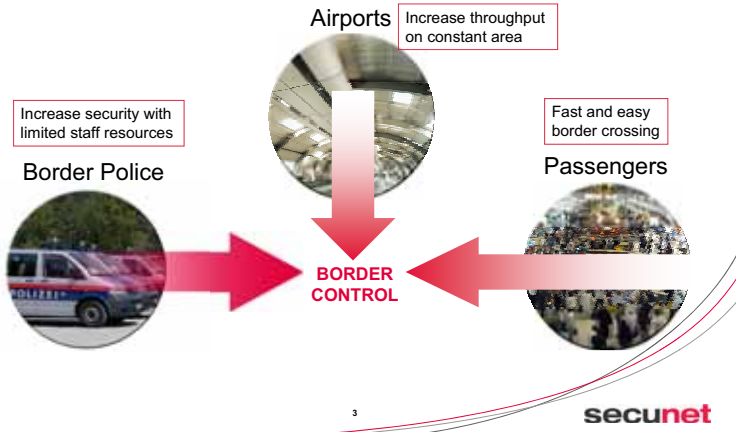


Objectives for modern border control

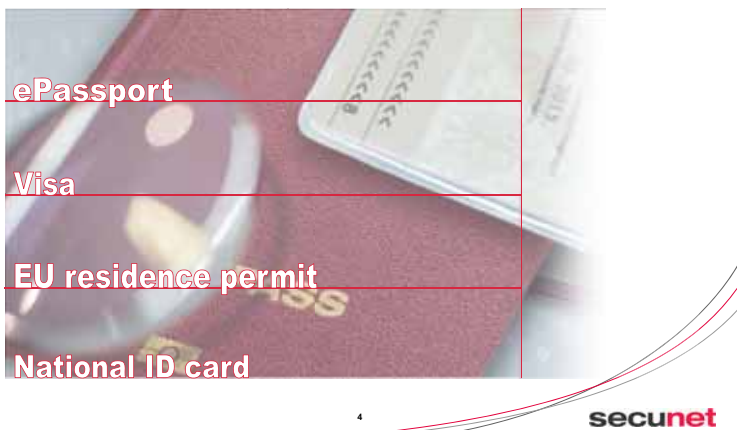


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secunet Security Networks AG Border control for modern travel documents

13th European Police Congress
Berlin, 02/02/2010
Matthias Niesing

Documents to be verified



secunet at a glance

- Germany's leading specialist in the area of highly complex IT security solutions
- Security partnership with the Federal Government of Germany
- Comprehensive expertise – customer oriented
 - 4 business units
 - 7 locations in GER, subsidiaries in CH and CZ
 - 270 highly qualified employees
- secunet Security Networks AG
 - Founded in 1996, IPO 1999
 - Turnover 2008: Euro 52 million
 - Major shareholder: Giesecke & Devrient GmbH 79 %



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2

Scope of border control solutions

Mobile



7

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Scope of border control solutions

Desk



5

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eGates ... Most challenging but also most promising

Challenges

- As easy and user-friendly as possible
- Adequate security level
- Integration into existing infrastructure

Promises

- Increase throughput
- Release staff resources
- Charming and innovative



8

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Scope of border control solutions

eGate



6

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EasyPASS – standard process

project example



11

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eGate EasyPASS at Frankfurt Airport

project example



- Can be used by EU citizens with ePassport
- 4 self-service eGates, 1 monitoring station
- Running since August 2009
- Currently used by more than 20,000 passengers
- Project of German Federal Police and Federal Office for Information Security (BSI)
- secunet as general contractor



ePassport



9

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EasyPASS – key features

project example



- Combination of different checks to ensure a secure process
 - Validation of optic and electronic document security features
 - Biometric comparison of chip and live facial image on a high secure level (FAR of 0.1%)
 - Online background checks
- Complete checking of the electronic features
 - Including online request for trusted CSCA certificates
 - Biometrics are of no use, if not authenticated!
- Fast and easy process
 - Approx. 15 sec
 - User guidance
- Monitoring by police officers
- Innovative software architecture
 - Integration platform biomiddle
 - Standard-compliant modules and interfaces
 - Allows an easy integration of document readers, biometric components, background systems

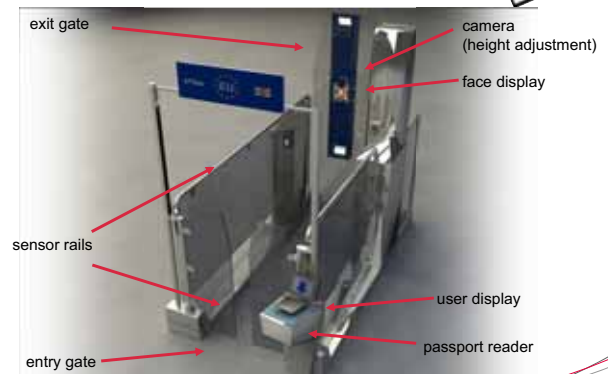


12

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eGate – hardware

project example



10

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Conclusions

- Border control
 - has to handle different types of identity documents
 - has to be performed in different environments
 - has to consider different conditions
- New generation of identity documents
 - provide enhanced options for identity checks
 - require new technologies for border control processes
- EasyPASS shows the capability of modern border control solutions
 - Semi-automated process
 - Self-service
 - Security, efficiency, usability



13

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Thank you for your attention!

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