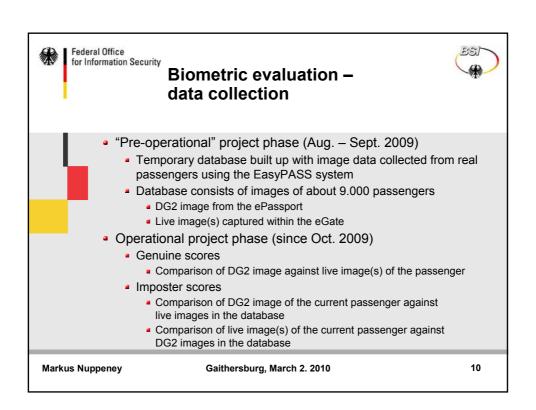
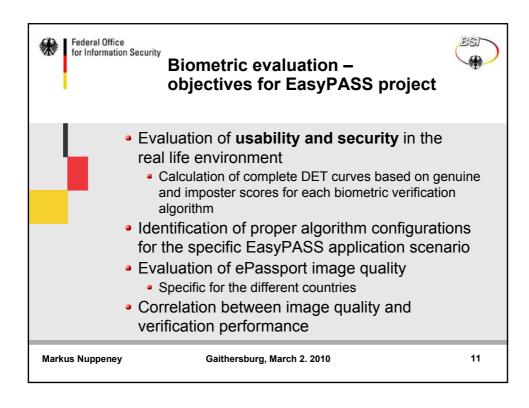
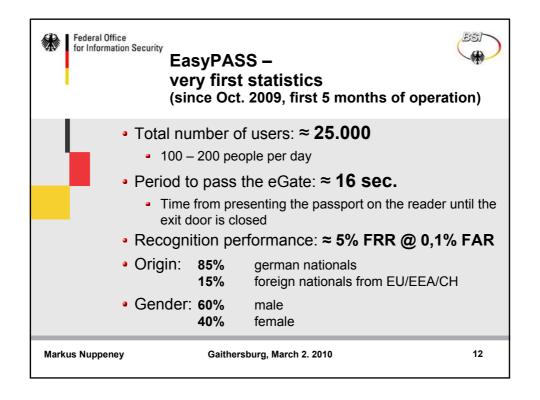


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Gaithersburg, March 2. 2010









## EasyPASS – first lessons learned (biometrics)



- Verification thresholds recommended by vendors did not fit to the actual application scenario
- Appropriate thresholds have to be calculated based on the real user group and the actual system setup
- Recommendation for iterative system configuration
  - Operate the system on a (assumed) high security level and collect genuine and impostor comparison scores
  - Calculate verification performance in terms of FAR and FRR
  - Update the algorithm configuration to the required security level (expected FAR)

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## EasyPASS – first lessons learned (operation)





- Passengers do not know if they have an ePassport
  - Even there is a labelling at the EU/non-EU separation and at the document reader many passengers with an "old" passport try to use the eGates
- Passengers do not know how to put the passport onto the reader
  - Results in high reading errors
  - Reading errors where reduced by changing the user guidance and some mechanical changes
- Passengers are surprised about the fast and easy process

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Gaithersburg, March 2. 2010

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