



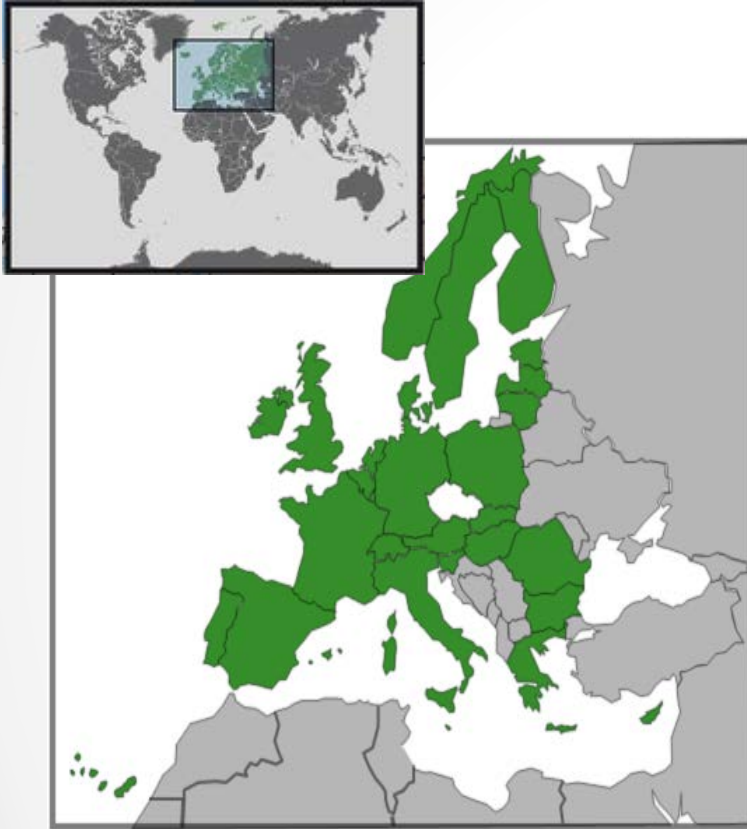
ICAO Ninth Symposium and Exhibition on MRTDs,  
Biometrics and Border Security 22-24 October 2013

# Implementing an ABC System: The Experience of the Czech Republic

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Chief Commissioner, Border Police  
CZECH REPUBLIC



# Czech Republic (CZ)



- European Union (EU)
- Schengen Area (airport)
- Area: 78,864 km<sup>2</sup>
- Population: 10.5 m
- Foreigners: 437,858 (4,2%)
- Border Police:
  - Part of the Police of the Czech Republic
  - Executive police authority with nationwide scope of powers
  - Specialized, central, methodically-managing, expert, analytical, control and executive police authority in the area of alien matters and protection of external Schengen border

# Introduction

- CZ has 19 international airports, the Border Police is constantly present at 5 airports
- Biggest airport with more than 10.5 m (2012) passengers p.a. is Václav Havel Airport Prague where 2.35 m were potential users of the ABC system



# eID Time Line



# Project Overview

- Project name: EasyGO
- In official operation since Dec 5<sup>th</sup> 2011 – one eGate
- Project has been extended by two eGates in Dec 2012
  
- Nearly 300.000 passengers have been processed (border crossings) between 12/2011 – 9/2013
  
- Process time: Ø 16 sec:
  - **Start:** Passenger placing eID document on passport reader
  - **Stop:** eGate is ready for next user
  - fastest border crossing was measured at **11 sec**.



# Project Overview

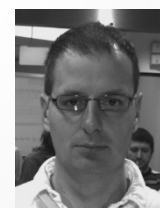
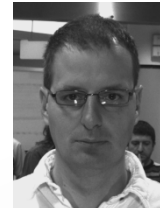
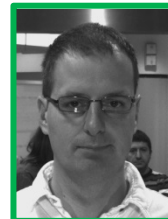
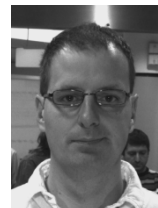
- Can be used by EU/EEA/CH citizens with ePassport
- Traveler has to be older than 15 – (since Sep 2013)



- Biometric feature is FACE
  - System matches the face stored inside the chip against the face captured by ABC camera
- Biometric False Rejection Rate (FRR): 3.98 %
- Biometric False Acceptance Rate (FAR): 0.1 %



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# Location – Terminal 1 - Arrivals

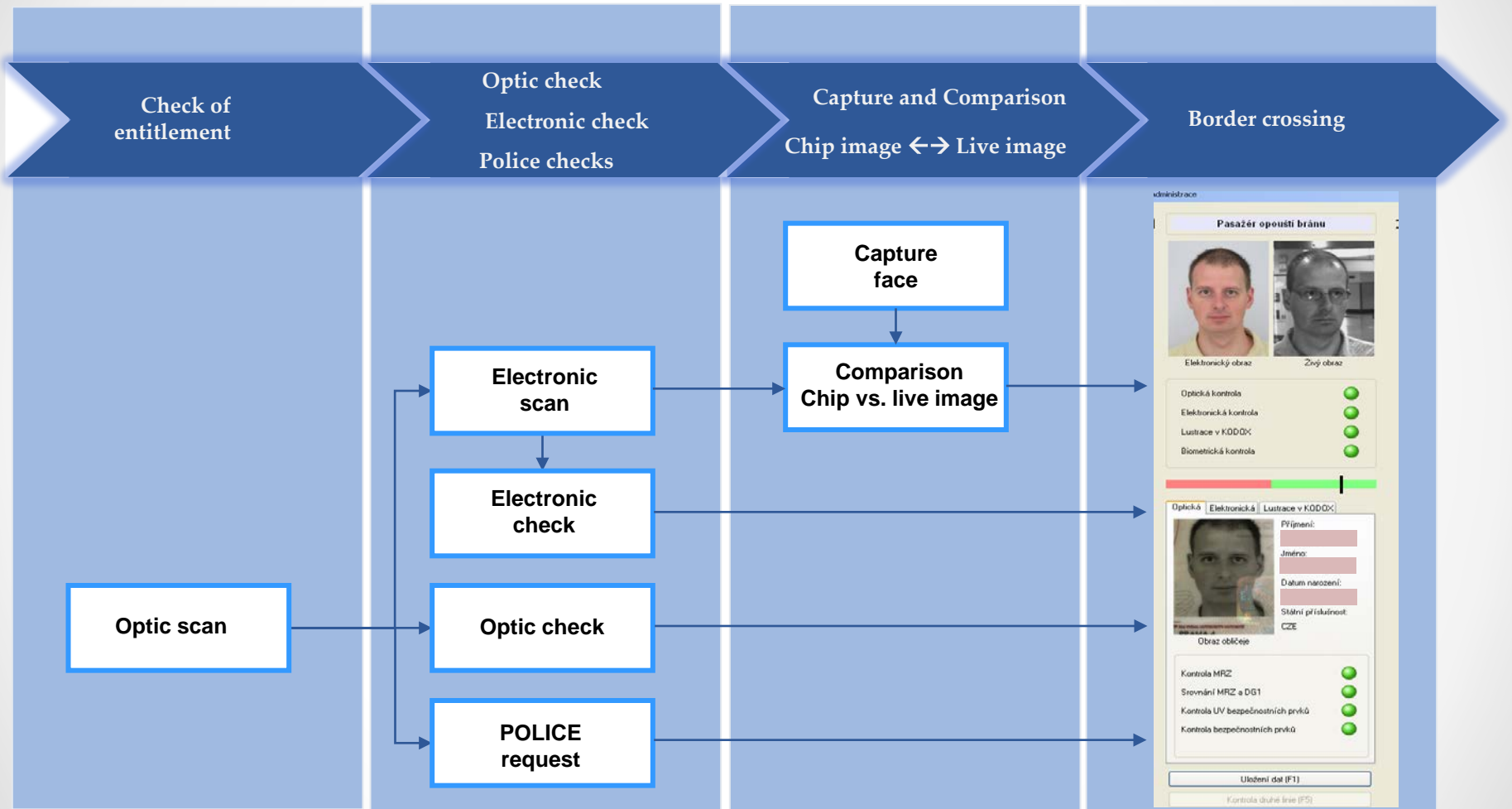


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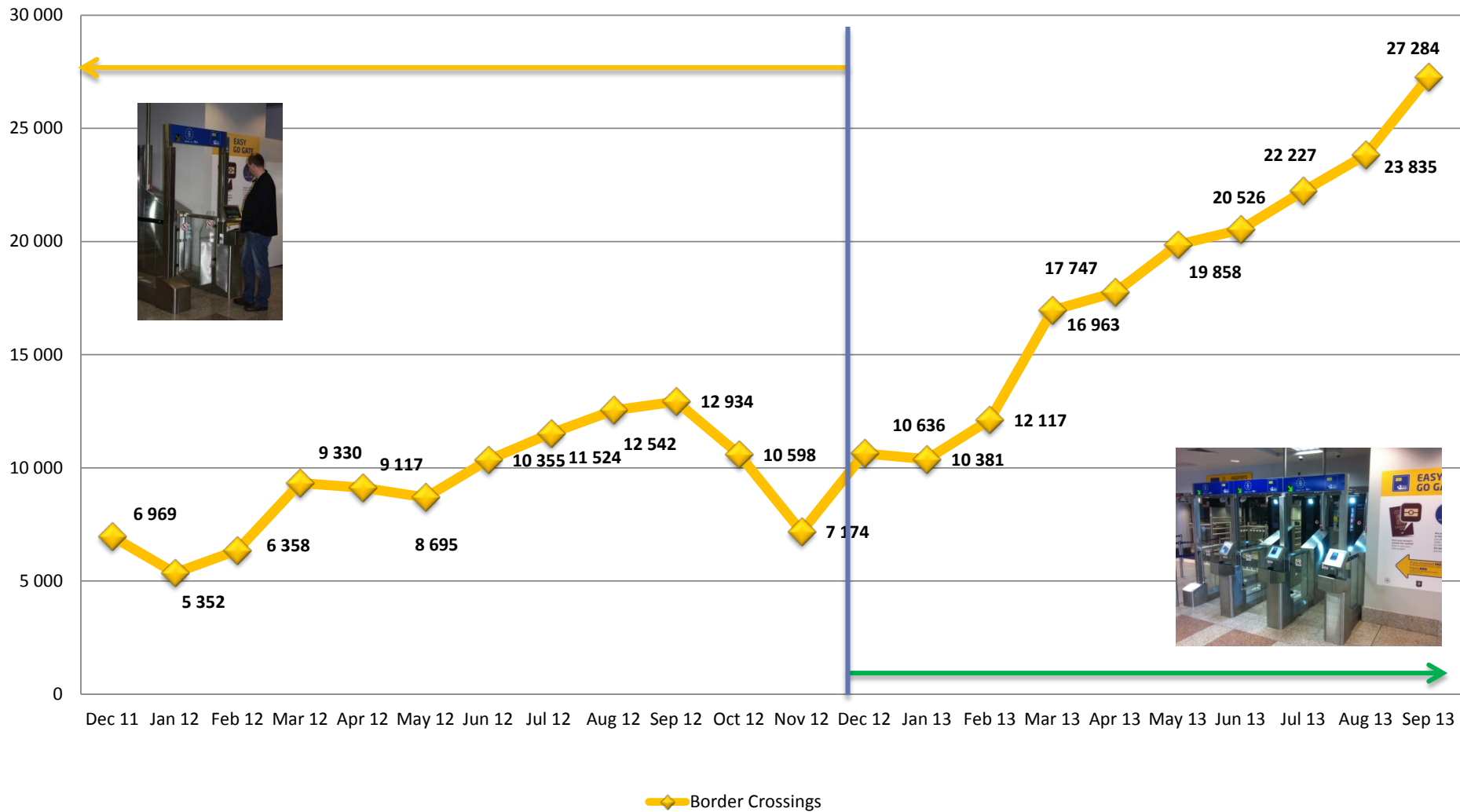




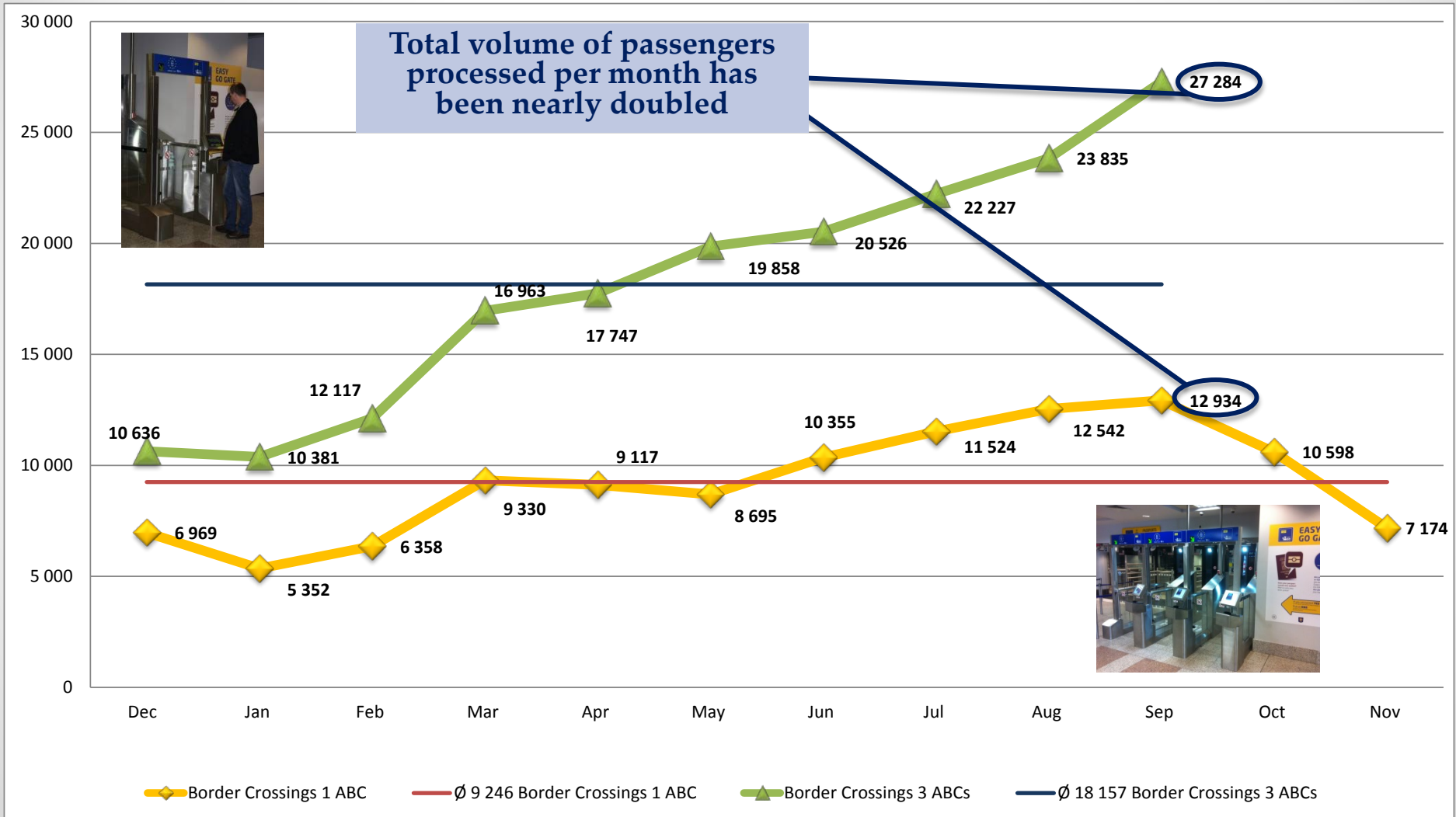
# Process Workflow



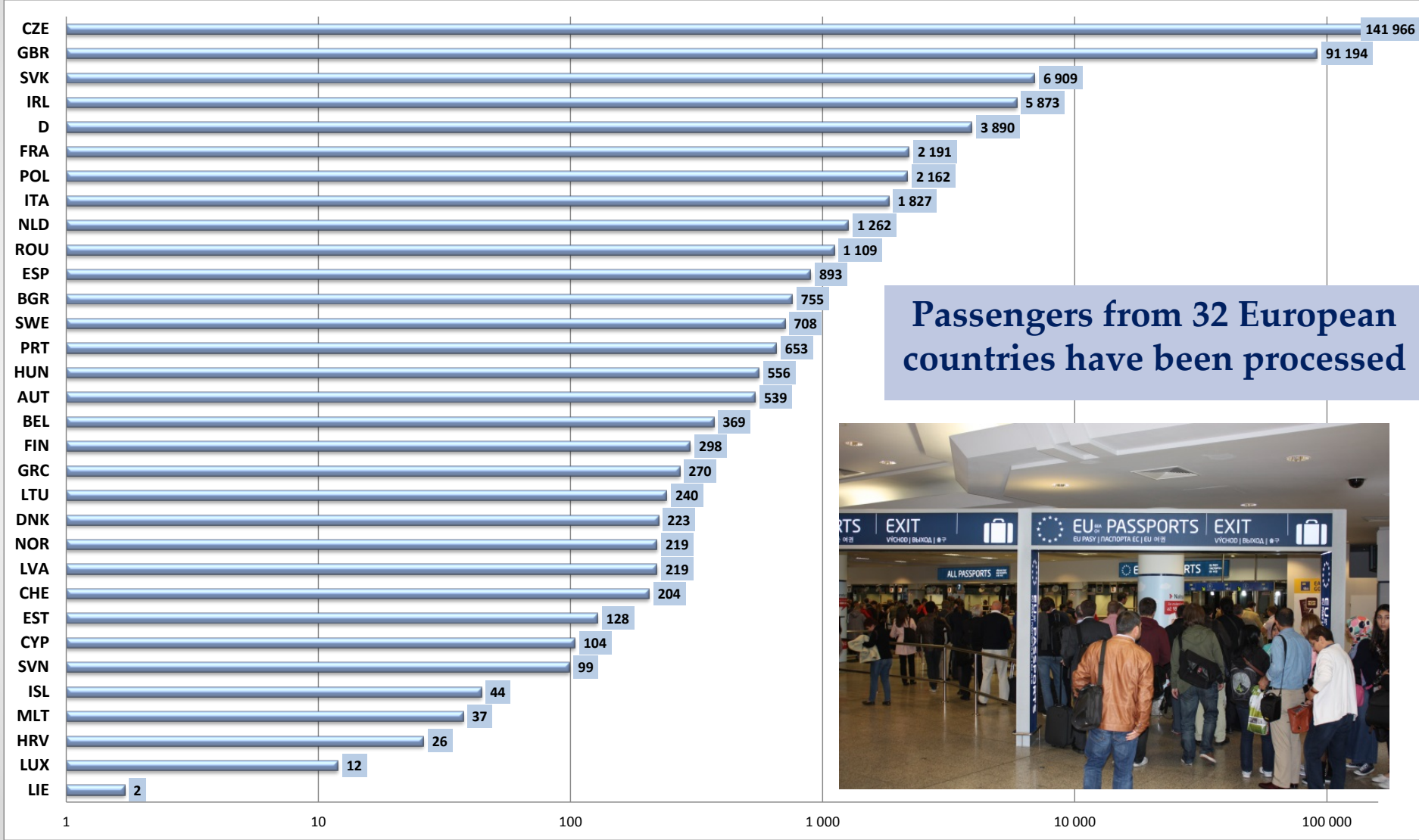
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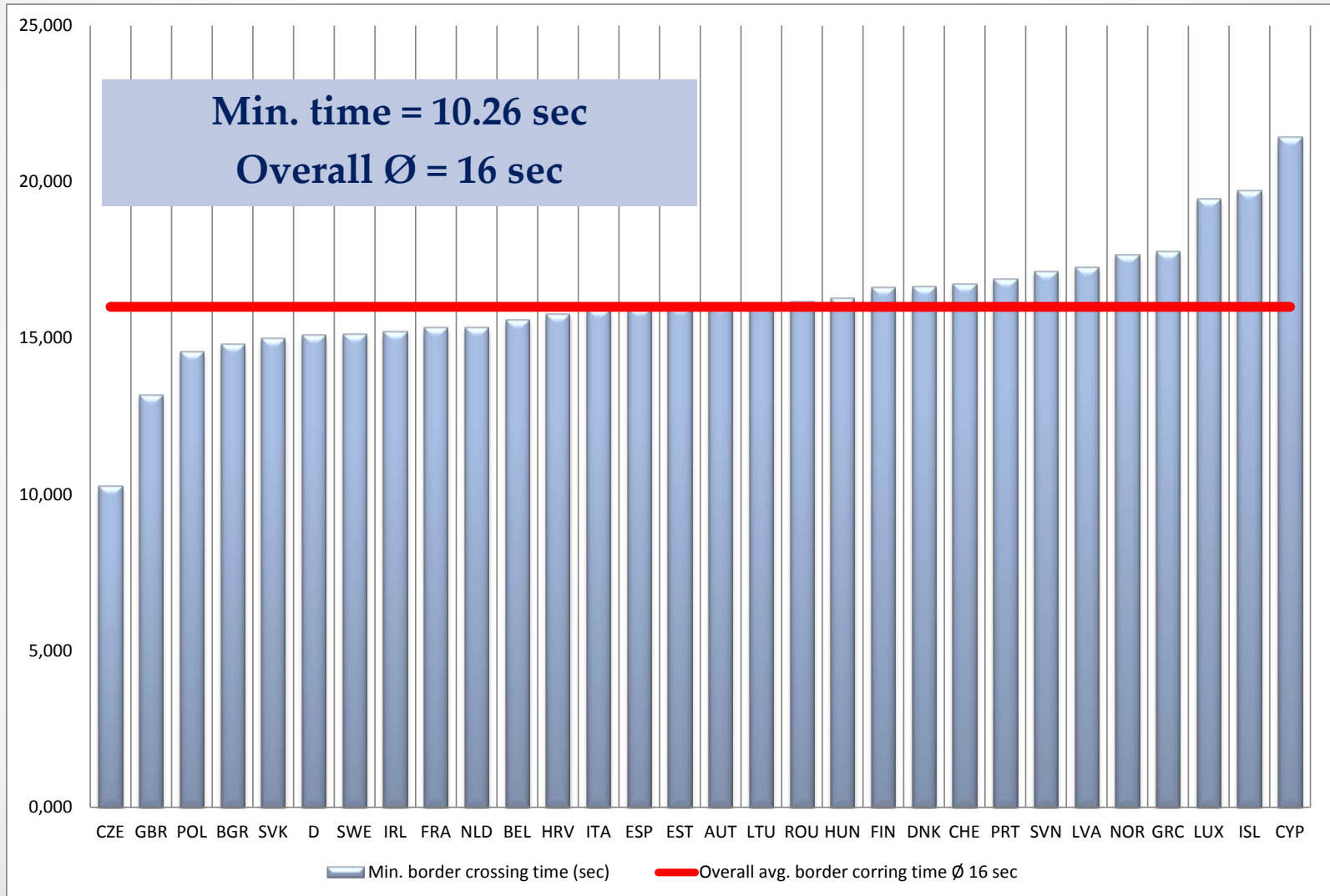
# Statistics – Number of Border Crossings



Passengers from 32 European countries have been processed

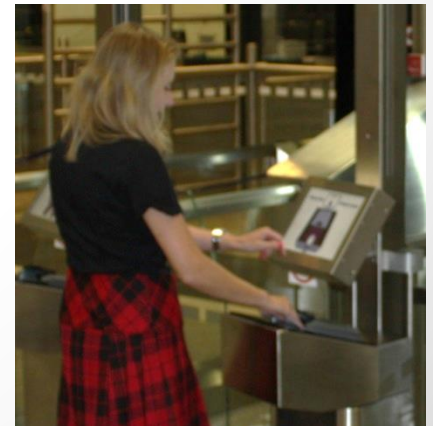


# Statistics – Time Border Crossing



# Project Overview – Key Findings

- Mostly positive response from passengers
- The traffic peak hours have to be supported by staff assisting passengers
- Some passengers are afraid to use the eGate – what a pleasant surprise **when it works**
- Handling and correct use of the ePassport is the key point:
  - too many tries with the passport booklets
  - passport is removed too early
  - correct interpretation of the MRZ



# Operational Support

- Regular evaluation of process data (monthly)
- Continuous training of police staff
- Periodic observation and analysis of passenger behavior during the border control process
- Continuous training of assistants (police & airport staff) – during the rush and operation hours there is always someone who can support passengers in using the ABC system



# Conclusion

- The received results and experiences create **success story**
- The excellent team work among all project partners allowed us to implement the solution efficiently and fast
  - The system was installed within only five working days before the official start
- **EasyGO** has been awarded as **IT Project of the year 2012** in the Czech Republic
- Team members:
  - **CZECH BORDER POLICE** – end-customer & operator
  - **VITKOVICE IT SOLUTIONS a.s.** – main contractor and system integrator
  - **secunet Security Networks AG** – provider of turn-key eGate





THANK YOU

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