

Implementation of the EES Systems in the conditions of the Czech Republic in terms of cooperation with air carriers and airport operators

eu-LISA Industry Roundtable



Pomáhá a chránit

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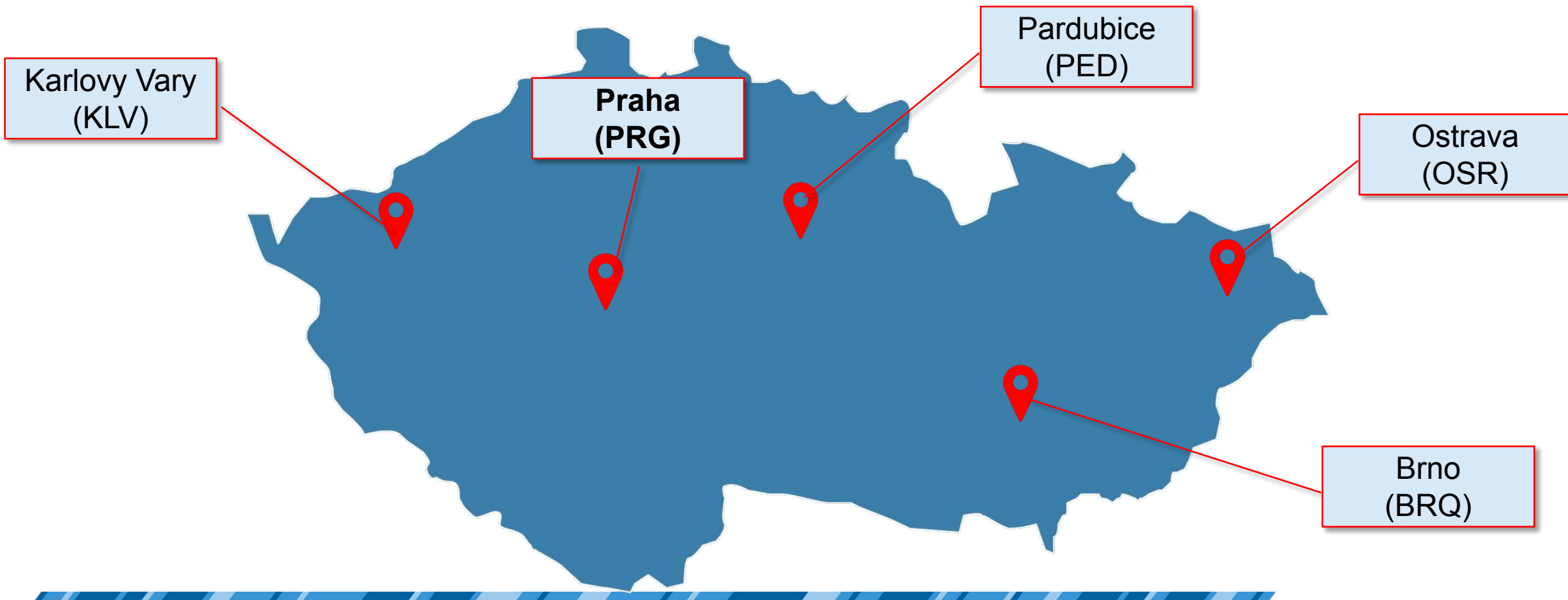
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Agenda

- Modern Border Control infrastructure
- Integration of the EES with existing Border Control Infrastructure (BCI)
- Automation of the Border Control process
- Coordination with carriers and airport operators



Modern Border Control Infrastructure (BCI)



Modern Border Control Infrastructure (BCI)

Our strategy

- To have up to date modern Border Control Infrastructure
- To work with partners having capability to provide us with additional value for our BCI
- Our partners work together as a team although having distributed responsibilities
- Early involvement of all stakeholders



Modern Border Control Infrastructure

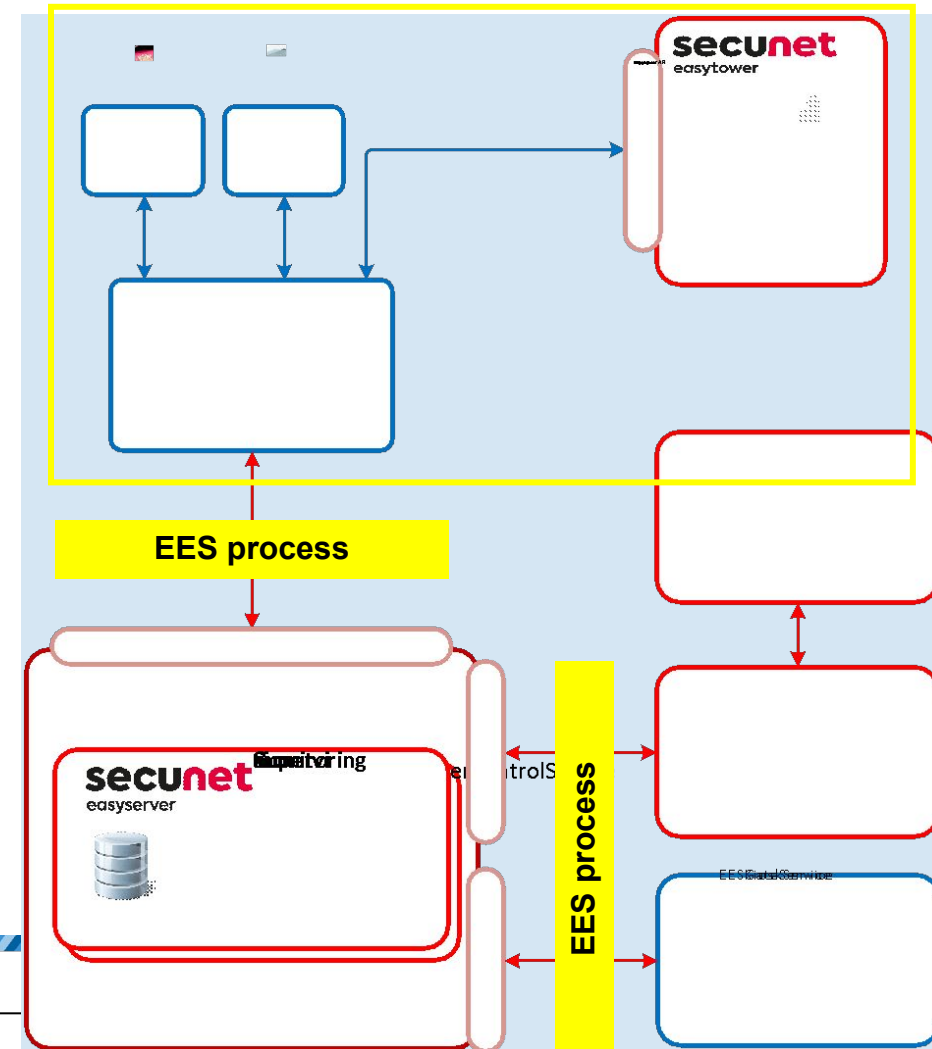
- A flexible architecture providing options for further extensions
- EES system is going to be one pillar among others ISs deployed and operated
- Not only BCPs at the airports are considered
- Mobile border infrastructure for land border control tasks is integrated



Integration of the EES within existing BCI

MBC system – IS KODOX

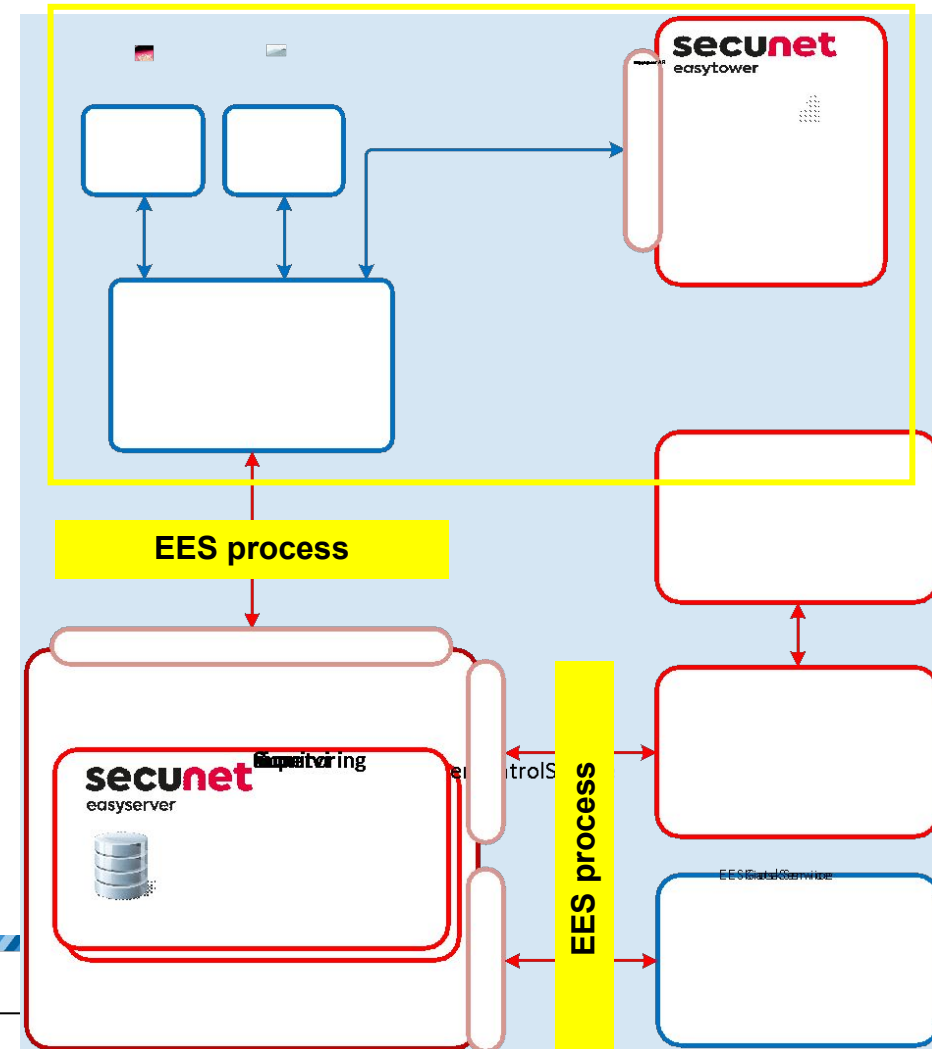
- Provides a gateway for all back-end check queries
- It's a front-end extended with EES SW functionality
- secunet easytower is used as a face enrolment device



Integration of the EES within existing BCI

MBC system – IS KODOX

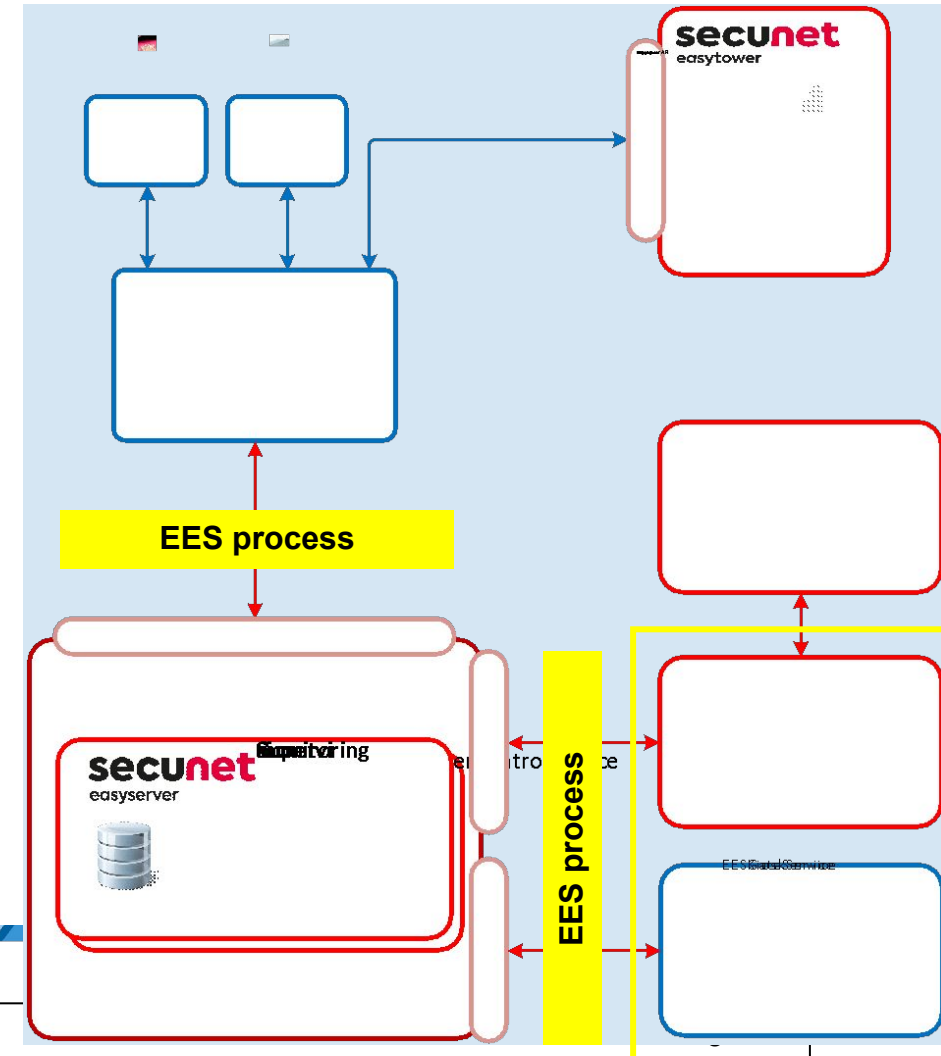
- all border control EES use cases are covered and implemented
- EES process can be started as:
 - an alphanumeric search □ MRZ data or
 - a **biometric identification** while using *Facial* or *Fingerprint* image as a **token** based on SSS data



Integration of the EES within existing BCI

ABC system – EasyGO

- All 17 ABCs will be integrated within EES
- ABCs will be used for verification use cases only
- Various eligibility lists will provide a flow flexibility either for Entry or Exit



Automation of the Border Control process

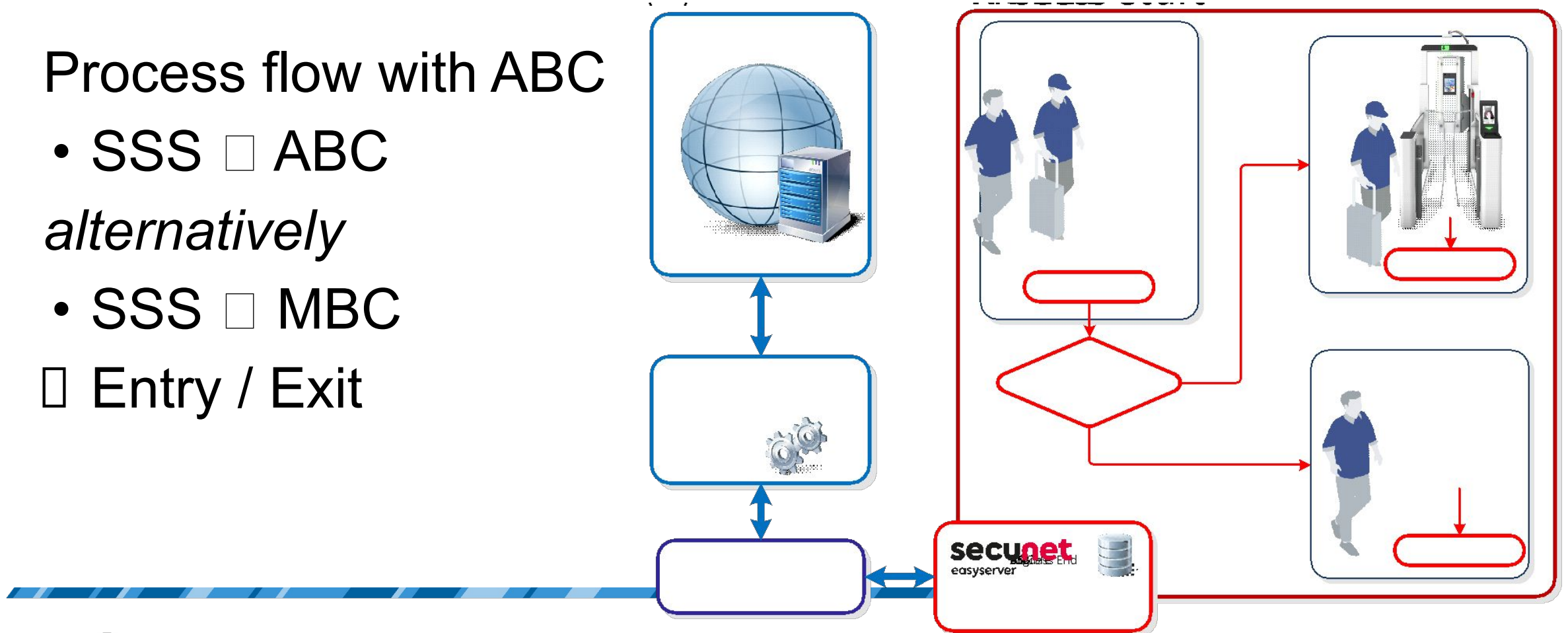
- Process automation is foreseen as a fundamental element of the EES solution
- At Prague airport main focus is given on automated passenger flow under allowed conditions (eligibility checks, SSS process results, existing traveler file.....)
- **58** units of SSS kiosks installed in Arrival area at Prague airport supporting **14-17** MBC TCN counters and 17 ABCs



Automation of the Border Control process

Process flow with ABC

- SSS □ ABC
alternatively
- SSS □ MBC
□ Entry / Exit



Automation of the Border Control process

Customized questionnaire

- Live tests with non trained participants have proved our expectation on duration of the EES process

□ **ø 89 seconds**

- Including all SSS steps with questionnaire



Automation of the Border Control process

Positioning and setup of SSSs:

- we've chosen a central location in the direction to border control counters and ABCs from all airport hubs
- we expect that especially during first months after EiO the passenger flow must be supported by human assistants
- we also seriously consider to install.



Automation of the Border Control process



Coordination with airport operators

- selection of suitable premises for the location of the SSS,
- modification of the premises
- provision of network and data connectivity,
- providing support to passengers,
- optimizing passenger flows,
- responding to increases in passenger waiting times.



Coordination with carriers

- regular meetings with carriers,
- information on carriers' obligations,
- cooperation with other authorities (Ministry of Transport, Civil Aviation Authority, etc.)
- assistance with carrier registration,
- the problem of so-called small carriers,
- general aviation flights.



Summary

- We do believe that we've taken a good direction
- Under all circumstances we expect a full EES readiness of the Czech Republic
- Next stage for us is a successful preCT / CT phase
- Extensive communication with carriers and airport operators until EiO and during transition period



Thank you for your attention!

Any questions?

