Lessons learned and best practices for automated controls involving outer Schengen borders

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Automated Border Controls
Lessons Learned and the Way Forward

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Challenges of Increased Mobility
Automated Border Control (ABC) - Why?

- Efficient and effective border control
- More efficient use of staff
- eMRTD - interoperability + wider user group

The roll-out of ABC systems has expanded across countries and regions.

In the EU - 11 MSs have systems in operation and 7 MSs are planning them in short term future.

According to IATA, 38 countries deploy ABCs at 100 airports.
ABC based on e-Passport - How?

- Trust
- Consistent security levels
- Harmonization of practice
- Satisfactory user experience
- Risk reduction in design and deployment

*Balance between facilitation and security, **NOT** a trade off*
Frontex and ABC

- **Follows** the development and implementation of ABC systems in Europe

- **Takes leading position** in end user driven harmonization of ABC systems: Best Practice Operational and Technical Guidelines (ABC Working Group)

- **Assist MSs** in decision making - Cost Benefit Analysis (CBA) tool

- **Future vision** - ABC roadmap and a Virtual Border concept

- **Fosters a global dialogue** - Global ABC Conference and Exhibition
Frontex and ABC - Timeline

- **2006**: Visits to 4 EU airports - RTPs
- **2007**: Visits to AU and PT - ABC e-Gates
- **2008**: ABC Working Group
- **2009**: ABC BPGs
- **2010**: ABC e-Passport study
- **2011**: ABC BPOGs
- **2012**: ABC BPTG
- **2013**: 1st Global ABC Conference
- **Future**: 2nd Global ABC Conference, Virtual Border Concept, Standardization initiatives, Virtual Border Pilot, Global dialogue - standardization, Development of capabilities
Frontex and ABC - Evolution of ABC WG

2010

FRONTEX

2013

Int. Organizations

Industry & Research Comm.

EC

MSs

FRONTEX

MSs
The Math of Border Checks

\[
\text{BORDER CHECKS} = \text{SECURITY} \times \text{FACILITATION} \times \text{COST EFFECTIVENESS}
\]

- The old border checks model is **broken**
- Border management is **Risk** management
- A new border checks **paradigm** is needed
- Border Management Authorities **should not be afraid** of facilitation
ABC and the Way Forward

- Improve performance and cost effectiveness
- Target a larger base of users
- Extend facilitation to other stages in travel process

ABC is a point solution and cannot deliver end-to-end facilitation on its own.

What is needed is a combination of point and end-to-end solutions that address a large base of potential users, create value opportunities for everyone, and are cost effective.
The Evolution of Border Crossing Facilitation

“Border Crossing Facilitation is the waiving of a requirement or improvement of a process that makes the act of border crossing a faster, more streamlined and intuitive process, prone to less exceptions, resulting in an overall better experience for the traveler”

<table>
<thead>
<tr>
<th>Collective Unconditional Facilitation (CUF)</th>
<th>Individual Conditional Facilitation - 1 Step (ICF-1)</th>
<th>Individual Conditional Facilitation - Multistep (ICF-n)</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Unconditional waiving of a requirement to a large category of travelers</td>
<td>• Granted on the spot to an individual who satisfies a set of criteria</td>
<td>• Granted in principle in advance to an individual who satisfies a set of criteria</td>
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<tr>
<td>• E.g. Visa free agreements, Schengen</td>
<td>• Point solution</td>
<td>• End to End solution</td>
</tr>
<tr>
<td>• Politically driven</td>
<td>• E.g. ABC</td>
<td>• E.g. RTP, pre-clearance</td>
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<tr>
<td>• Change in regulation</td>
<td>• Capitalizes on capacity enhancement</td>
<td>• Capitalizes on anticipation</td>
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<tr>
<td></td>
<td>• Technology driven</td>
<td>• Process driven</td>
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<td></td>
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<td>• Change in concept and mindset</td>
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Vision - the Virtual Border Concept - a Multi-stakeholder approach

1. Identify early and reliably who is coming to the border

   (+) Elimination of liabilities on carrier
   (+) Competitive advantage for carriers and port operators
   (+) Builds on current infrastructure
   (-) Vulnerabilities to be further analyzed

2. Carry out checks in advance

   (+) Better quality data for risk assessment
   (+) Less false hits in law enforcement Databases

3. Provide facilitation along the travel process

   (+) More strategic use of Border Management Authority resources
   (+) More opportunities for traveler facilitation using the biometric token
   (+) A solution for everyone without registration
Work Plan

1. Development and Validation of the Virtual Border Concept
   - Peer review - March 2013
   - To be introduced at next ABC Workshop - April 2013

2. Engaging Stakeholders Towards a Pilot
   - Experts - Call for Expression of Interest
   - Industry - Kick Off Meeting to be called
   - Ongoing contacts with States and Carriers

3. Pilot
   - Definition - 4Q 2013
   - Tender and Implementation - 2014
The Border Checks Process

GET RID OF QUEUES!

WHO ARE YOU?
• Is your travel document authentic?
• Is it really you?

DO YOU MEET ENTRY CRITERIA?
• Do you meet our entry requirements?
• Is your TD reported as stolen or lost?

WHAT ELSE DO WE KNOW ABOUT YOU?
• Are you a previous offender?
• Were we expecting you?
• Are you a risk?
• Is everything else OK?

WELCOME!

REDUCE COSTS!

DO NOT COMPROMISE SECURITY!