eBorder Strategy

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Abuja, Nigeria, 25 April 2018, 2:00pm—3:30pm

InF7: Smart Borders
Presentations + Panel Discussion
With legal, trusted identity the cornerstone of rights protection, social inclusion and digital economic development, Secure Identity Alliance helps government and non-government bodies to shape ID policy and to provide technical and implementation guidance for national and international ID systems.
Strong Identity, Strong Borders
Context of border control

- **INCREASING PASSNEGER VOLUMES** – may double in the next 20 years

- **SECURITY** – clearly emphasised by INTERPOL and others; travel essential to serious international crime e.g. drugs, people trafficking; terrorism; radicalisation of own nationals; fighters (going, returning), instability

- **LARGE SCALE MIGRATION FLOWS** – political / economic migration; refugee movements

- **DAY-TO-DAY OPERATIONS** – running an effective control for volume traffic

- **TECHNOLOGY CHANGE** – an enabler, an opportunity, but also a challenge

- **INTERNATIONAL DIMENSION** – working with other countries

- **CHANGING REQUIREMENTS** – need for responsiveness
Aims of border control

THREE AIMS proposed in Strong Identity, Strong Borders...

- **SECURITY**—how do we best protect our country at the border?
- **FACILITATION**—how do we admit people efficiently without undue delay... good customer service; good for our economy?
- **COST EFFECTIVENESS**—how do we best allocate resources, to give optimum value?

Working in **PARTNERSHIP** with many others...

- **WHO**—police, customs, the law / judiciary, airport operators, carriers (e.g. airlines), suppliers and passengers and users of these services.
- **WHERE**—International / regional / cross-border as well as within the country.
At the border

The border process is vital

- RISK-BASED approach—under time pressure
- WATCHLIST—national, regional, Interpol SLTD
- CHIP SECURITY - ICAO 9303 / PKD
- SKILLS, training, professional experience
- MOBILE solutions may be relevant?

Next passenger, please...

- WHO is this person? Do we know him/her already?
- DOCUMENT(S) match the person?
- AUTHENTICATION of documents... lost/stolen? Watchlist? Fraudulent? Pass
  forgery inspection? Microprocessor contents + cryptographic tests (PKI)?
- BIOMETRIC VERIFICATION
- PASSENGER + PURPOSE: acceptable? credible?
- CONCLUSION: Accept? Ask questions? Refuse? Speed + accuracy needed

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Automating the border

- eGates / kiosks are increasingly used, in a variety of ways
- Big increase in use in recent years
- Biometric verification—passenger to passport or system
- Can be 1- or 2-stage process (e.g. initial stage, then entry)
- Can be combined with an interview, or in place of interview
- Can include a Trusted Traveller scheme
- Need for confidence in the process—has to be tested,
Multi-layer border

- Assessing passengers **before** travel / arrival—more time to react
- Advance Passenger Information (API) / Passenger Name Record (PNR)
- Advance registration before travel (e.g. ESTA, ETIAS, ‘paperless visas’)
- Full visa process + biometrics... strongest security but most expensive
- Verification of identity + status on arrival
Biometrics

- Biometrics can greatly increase certainty / assurance on identity
- Systems (e.g. fingerprints, facial image) can operate fast and at scale
- Discover identity even with a false name / document
- Can have a biometric watchlist (not limited to just names / documents)
- Verification on arrival at border that it is the same person that applied for the Visa
Simplifying the Business (StB)—“...means having a seamless journey from your keyboard, when you book a ticket, up to the aircraft, and back home”. Alexandre de Juniac, DG, ACI

Smart security—making airport security checkpoints more efficient and less intrusive

One Identity—passenger asserts their ID once, eliminating repetitive ID checks at security, border control and gate

Also New Distribution Capability, ONE Order, Real-Time Interaction

NEXTT programme (new)
eBORDER STRATEGY: A Self-Check

- What is your CUSTOMERS’ EXPERIENCE? Do you know?


- IDENTITY Do you control identity effectively? Do you know when the same problem customer returns? Are you recording and verifying BIOMETRICS for high-risk groups?

- INFORMATION CONTENT—do you trust it? Up to date? Reliable? Accurate?

- STAFF—are they well-skilled? Efficient? Feel professional? Content?

- OVERALL, HOW ARE YOU DOING? Where are you STRONG and WEAK? How well to DELIVER (1) Security? (2) Facilitation? (3) Cost effectiveness?
Thank you!