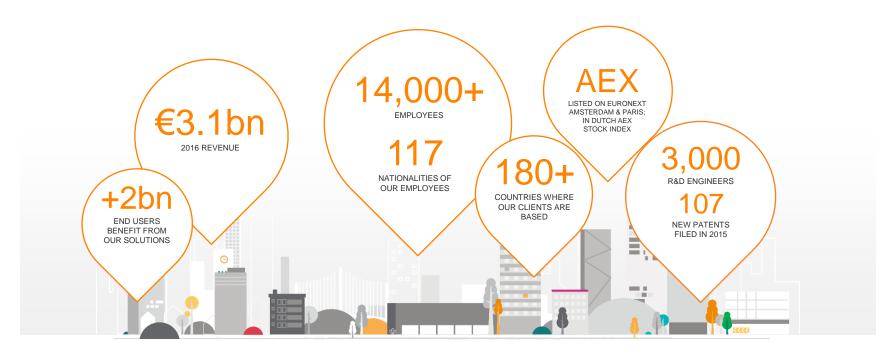
INF 10 eBORDERS Security and Faciliation



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World leader in identity and digital security



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eBORDERS: Security and Facilitation

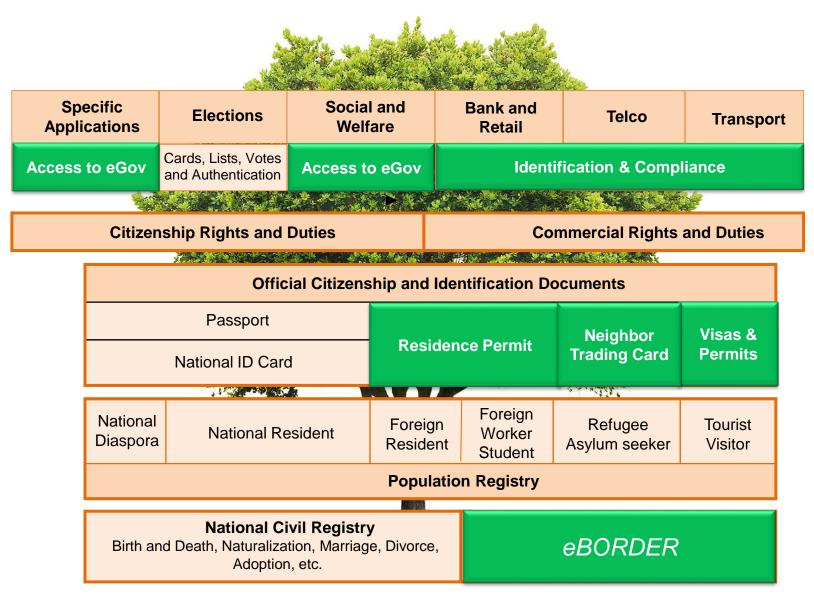
- Security and Facilitation as a BALANCE
- Security and Facilitation as part of ID FOUNDATION
- Security and Facilitation as key factor for:
 - Regional integration and free of movement
 - Smart Borders
 - Integration with National ID Program (ID4D)
- Security and Facilitation: challenges (similar to ID4D)



eBorder: border and biometrics as part of the ID ecosystem



eBORDERS at ID Foundation



- X 1. Enhance security
- X 2. Passenger Facilitation
- X 3. Biometric Traveler Registry



X 1. Enhance security

- × 3 border dimensions:
 - X before the border: eVisa, ETA, consular, pre-screening, PNR
 - X at border: verification, identification, enrolment
 - inside the country: interoperability, control checks, mobility
- X ID Convergence: public and private
- X Integrate sea, land, and air borders, and external ddbb
- X Multi-lateral security collaboration (for regional integration)



× 2. Passenger Facilitation

- × Increasing number of travelers
- X Improve travelers experience
- Leverage ePassport introduction
- X Automated Border Control ABC
- X ETA: Electronic Travel Application
- XRTP: Registered Traveler Program



× 3. Create a Travelers' Civil Registry

- X Nation: territory + population + "foreign population"
- X Foreign population: rights and duties. Requires Identity!
- X Border, Visa, and Permits as front-end for enrolment
- X Biometrics to secure traveler register (unique ID)
- X Biometrics before border, at border, and inside the country
- X Quality Assurance, Interoperability and System Integration



Biometric Registration: Challenges

- Strong document verification for strong identity validation
 - X ICAO verifications
 - X Security features verifications under 3 lights
 - X Electronic verification
 - Certificates handling and distribution
 - X Biometrics QA and matching
- X Biometrics verification to match traveler with his/her document
- X Biometrics capture: Environment and Quality Assurance
- Biometrics for RTP and ABC: controlled environment
- Interoperability (National and International biometric systems)
- X System integration with existing biometrics systems



Conclusions



CONCLUSIONS

Technology is a **tool** to support your Government to:

- X Overcome your specific **CHALLENGES**
- X Achieve your planned GOALS
- Cover your current NEEDS

Therefore, we propose a "consultancy approach":

- X Analyze specific country challenges
- X Plan how to achieve your Goals (with KPI metrics)
- X Adapted to the reality of the country and future proof



CONCLUSIONS

- X Identify your needs and challenges and define the objectives
- X Then, decide and plan how to use biometrics to achieve the objectives
- X Security + Passenger Facilitation + Traveler Registry

USING BIOMETRICS

- X Strong document verification for strong identity validation
- X Biometrics capture: Environmental conditions and Quality Assurance
- Assure Interoperability (raw images and standard templates)



Using Biometrics at Borders: Some examples

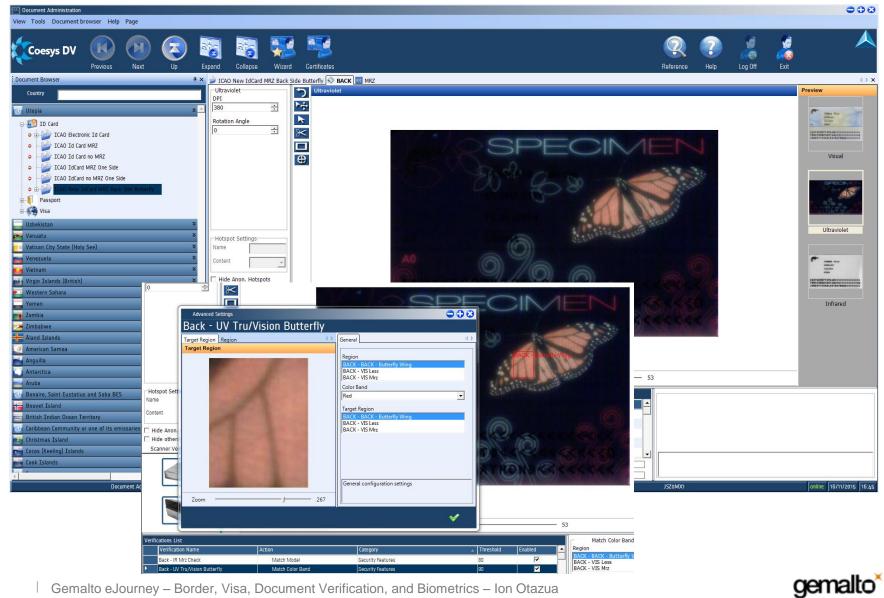


Strong Document Verification



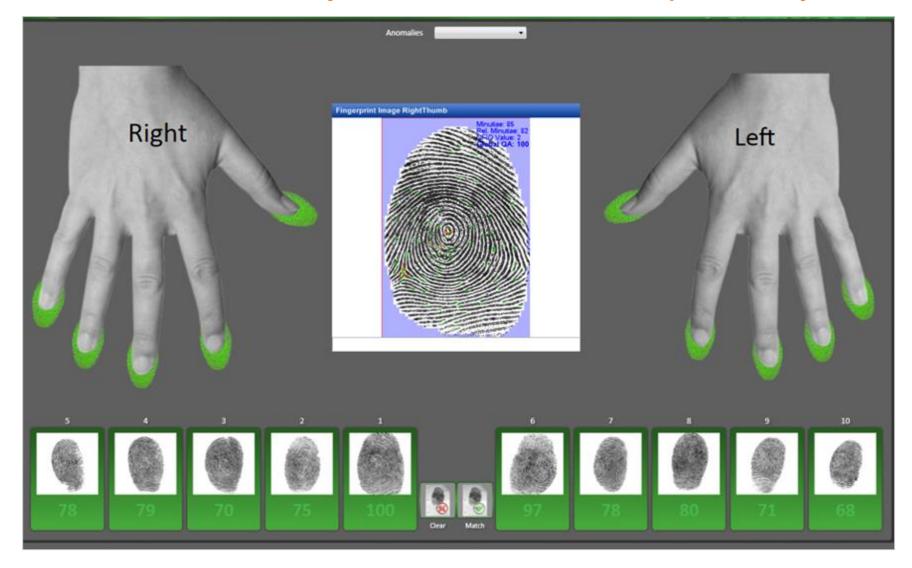


Strong Document Verification





Biometrics: Quality Assurance + Interoperability





Biometrics: Quality Assurance + Interoperability





Flexibility for land and sea borders











Flexibility for land, sea and air borders



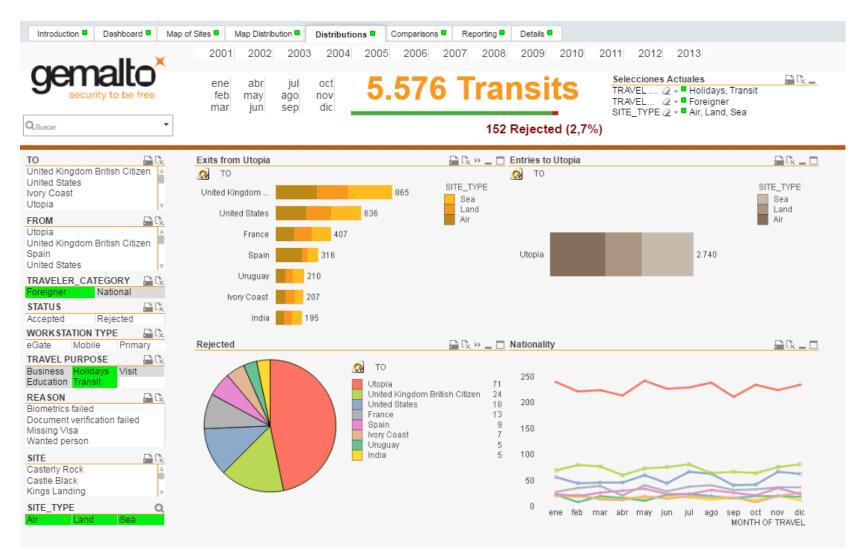




Facilitation

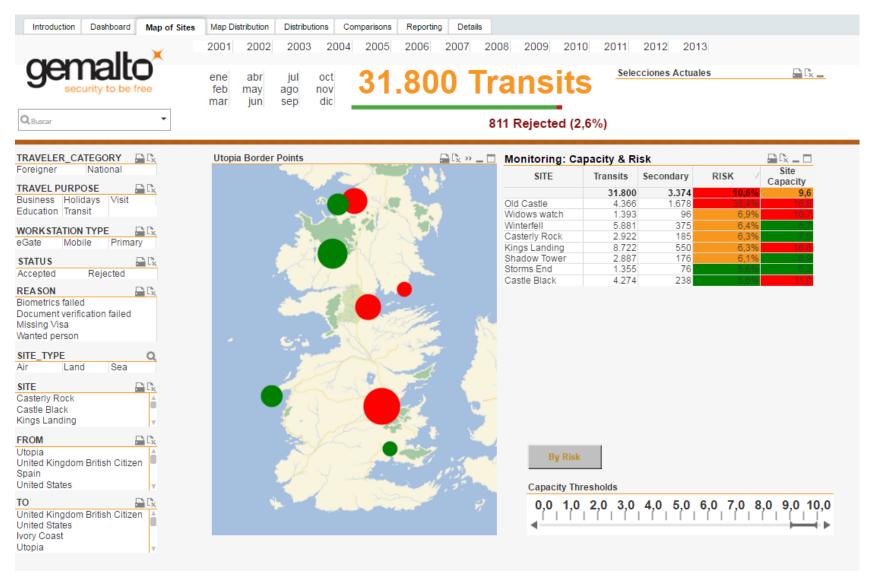


Border Intelligence: monitoring and investigation





Border Intelligence: monitoring and investigation



Thank you!

