



Regional Seminar on MRTDs and Traveller Identification Management
Madrid, Spain, 25 to 27 June 2014

From Information to Insight: An End-To-End Approach to Border Management

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SITA Government & Security

Security

Facilitation



**Budget
Constraints**

**Air Travel
Growth**



Our Experience



20+ Major Solutions
Delivered

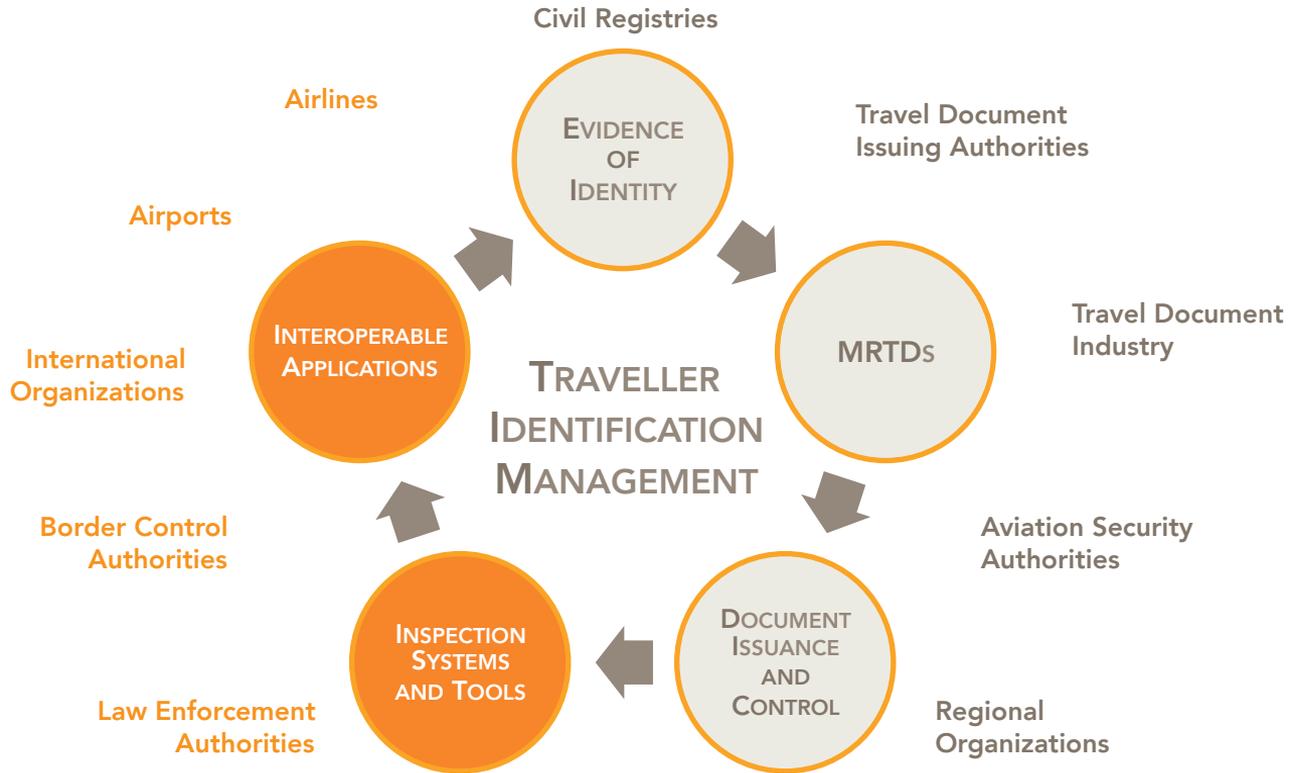
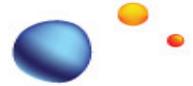
20 Years

200M+
Passengers
Every year

150+
Certified
Airlines

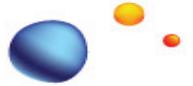
End-to-End Transportation Security

Supporting ICAO TRIP Strategy



End-to-End Transportation Security

SITA iBORDERS™ PORTFOLIO



- **iBorders™** – a complete set of capabilities to transform border security and facilitate the travel experience through **information**, **intelligence**, optimised **interactions** with travelers and comprehensive **insights** to enhance every aspect of border operations.



**iBorders
Information**



**iBorders
Intelligence**

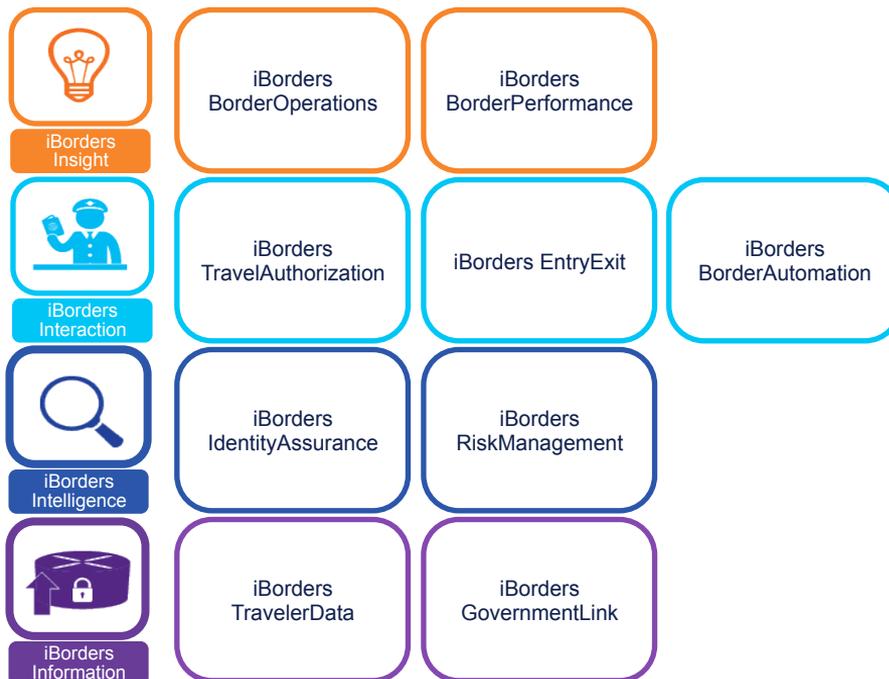


**iBorders
Interaction**

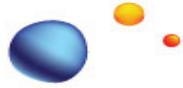


**iBorders
Insight**

A Scalable Framework for Integration



Case Studies - Indonesia



iBorders
EntryExit

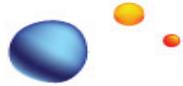


iBorders
IdentityAssurance

Travel document verification, biometric capture, watchlist checks, distributed watchlists
33 ports, 400+ workstations, 27M passengers p.a.

The screenshot displays the 'Entry-Exit System' interface for a Border Officer at Muscat International Airport. The main window is titled 'Capture Arrival' and shows details for a passport from Australia. The interface includes a navigation menu on the left with 'Movement' (Capture, Referral, Cancel, Departure) and 'Admin' (Options, Lock Screen, Help, Logout) sections. The central area displays a passport scan with fields for Type (PASSPORT), Issuing State (AUSTRALIA), Name (JOHNSON ALAN ERIC), Date of Birth (21 DEC 1964), Sex (M), Date of Issue (02 JUL 2008), and Authority (AUSTRALIA). A biometric capture area is visible with the text 'Place of birth: INVERCARGILL' and 'Holder's signature'. The right side of the screen shows 'Movement Details' with fields for Movement Date (10 NOV 2012 11:55), TD No (B999002), TD Type (PASSPORT), Issuing State (AUSTRALIA), Issue Date (12 FEB 2005), Expiry Date (12 FEB 2015), Given Names (ALAN ERIC), Family Name (JOHNSON), Gender (MALE), Date of Birth (21 DEC 1964), Nationality (AUSTRALIA), Pax Type (PASSENGER), and Flight/Vessel No (WY602). At the bottom, a 'Document Authentication' section lists warnings: 'Security watermark on IR not visible', 'Passport validity is less than 6 months', and 'APP data found. Checked in: 10 Nov 2012 10:45, WY602, Status: 1001 - OK To Board.' A 'Quick Scan' button is located at the bottom right.

Case Studies - Indonesia



iBorders
EntryExit

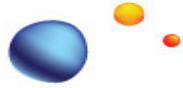


iBorders
IdentityAssurance

Travel document verification, biometric capture,
watchlist checks, distributed watchlists
33 ports, 400+ workstations, 27M passengers p.a.

The screenshot shows the 'Entry-Exit System' interface for a border officer at Muscat International Airport. The user is logged in as 'Border Officer'. The main section is titled 'Capture Biometrics' and displays 'Traveller Details' for Alan Eric Johnson, born 21 Dec 1964. The interface is divided into three main capture areas: 'Capture Fingerprints' (with 'Live image from fingerprint scanner' and buttons for Left Hand, Right Hand, and Thumbs), 'Capture Face Image' (with 'Live image from camera' and a 'Capture' button), and a smaller 'Captured Face Image' preview. A sidebar on the left contains 'Movement' (Capture, Referral, Cancel, Departure) and 'Admin' (Options, Lock Screen, Help, Logout) menus. The system status at the bottom left is 'Connected'.

Case Studies - Indonesia



iBorders
EntryExit



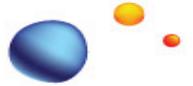
iBorders
IdentityAssurance

Travel document verification, biometric capture,
watchlist checks, distributed watchlists
33 ports, 400+ workstations, 27M passengers p.a.

The screenshot displays the 'Entry-Exit System' interface for a border officer at Muscat International Airport. The user is logged in as 'Border Officer'. The main area shows the 'Results' for a traveller with details: B999002, P, AUS, ALAN ERIC JOHNSON, 21 DEC 1964, M. A 'DGPR Watchlist' check has returned a 'HIT' with an alert ID of 951 and a score of 95. Other watchlist checks (DGCID, Interpol, RL1, Visa, Expected Movement, Last Movement) all returned 'NOT FOUND'. The 'Type of Entry' is set to 'Tourist Visit Visa Group 1' with a visa number of A0000001 and an expiry date of 19 Sep 2012. A 'Preview and Print Visa Label' button is visible at the bottom of the form. The interface includes a sidebar with 'Movement' and 'Admin' sections and a status bar at the bottom indicating 'Connected'.

Alert Id	Description	Score	
951	ERIC JOHNSON, 21 DEC 1964, M	95	HIT

Case Studies - Indonesia



iBorders
EntryExit

Travel document verification, biometric capture,
watchlist checks, distributed watchlists
33 ports, 400+ workstations, 27M passengers p.a.



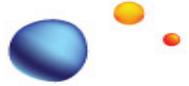
iBorders
IdentityAssurance

Person-centric database: 15M identities
Ensures consistent view of traveler identities
across:

- Immigration primary line
- Passport issuance
- Visa and permits
- Illegal migrants DB
- Prisons

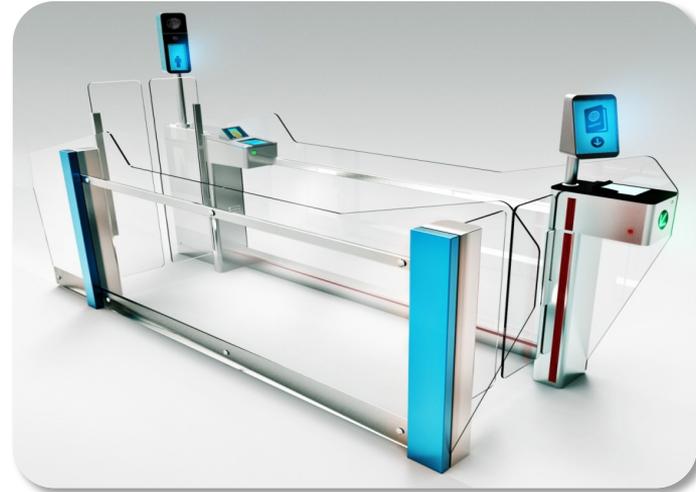
Biometric watchlist with over 15k records.

Case Studies - Interaction

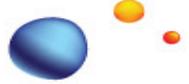


iBorders
BorderAutomation

Automated Border Control eGates.
Biometric clearance of low-risk travelers
Designed for maximum flow
Increased security



Case Studies - Interaction



iBorders
BorderAutomation

Automated Border Control eGates.
Biometric clearance of low-risk travelers
Designed for maximum flow
Increased security

Automated Passport Control (CBP).
Secure biometrics and document capture
Integrated with standard border clearance process

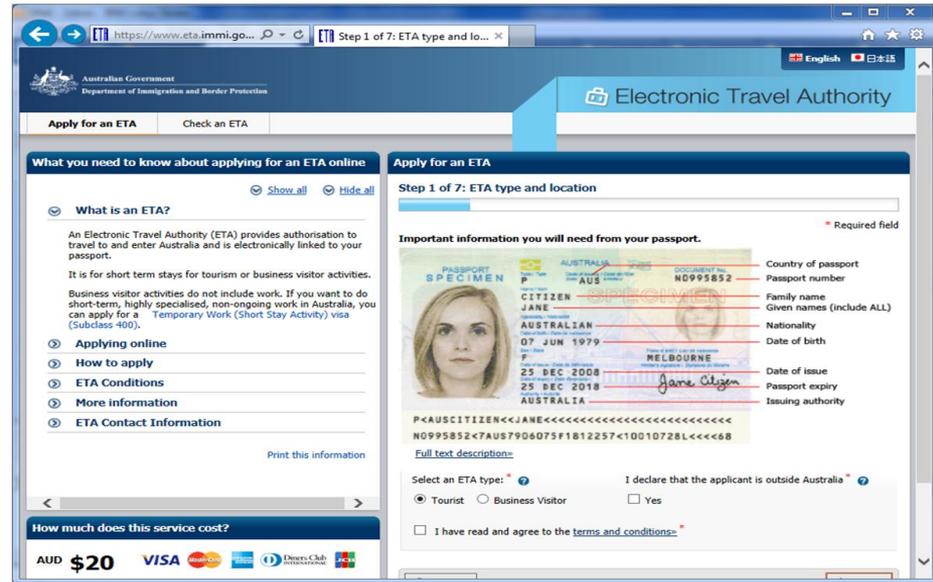


Case Studies - Australia



iBorders
TravelAuthorization

2.5M Electronic Travel Authorities per year
3M enquiries on ETAs status





Case Studies - Australia



iBorders
TravelAuthorization

2.5M Electronic Travel Authorities per year
3M enquiries on ETAs status



iBorders
RiskManagement

Rapid determination of boarding directives
99.98% take < 2.5 seconds
15% of those refused entry **stayed at origin**



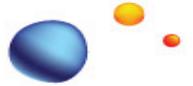
iBorders
TravelerData

15M+ InteractiveData transactions per year
41 Active airlines
Internet submission

iBorders
GovernmentLink

More than 20 different external systems
used for risk assessment.

Case Studies – Gulf



iBorders
BorderOperations

Control Room, Data Visualization



iBorders
RiskManagement

Multiple Watchlist management, Profiling,
Alert management, Rules & Workflow



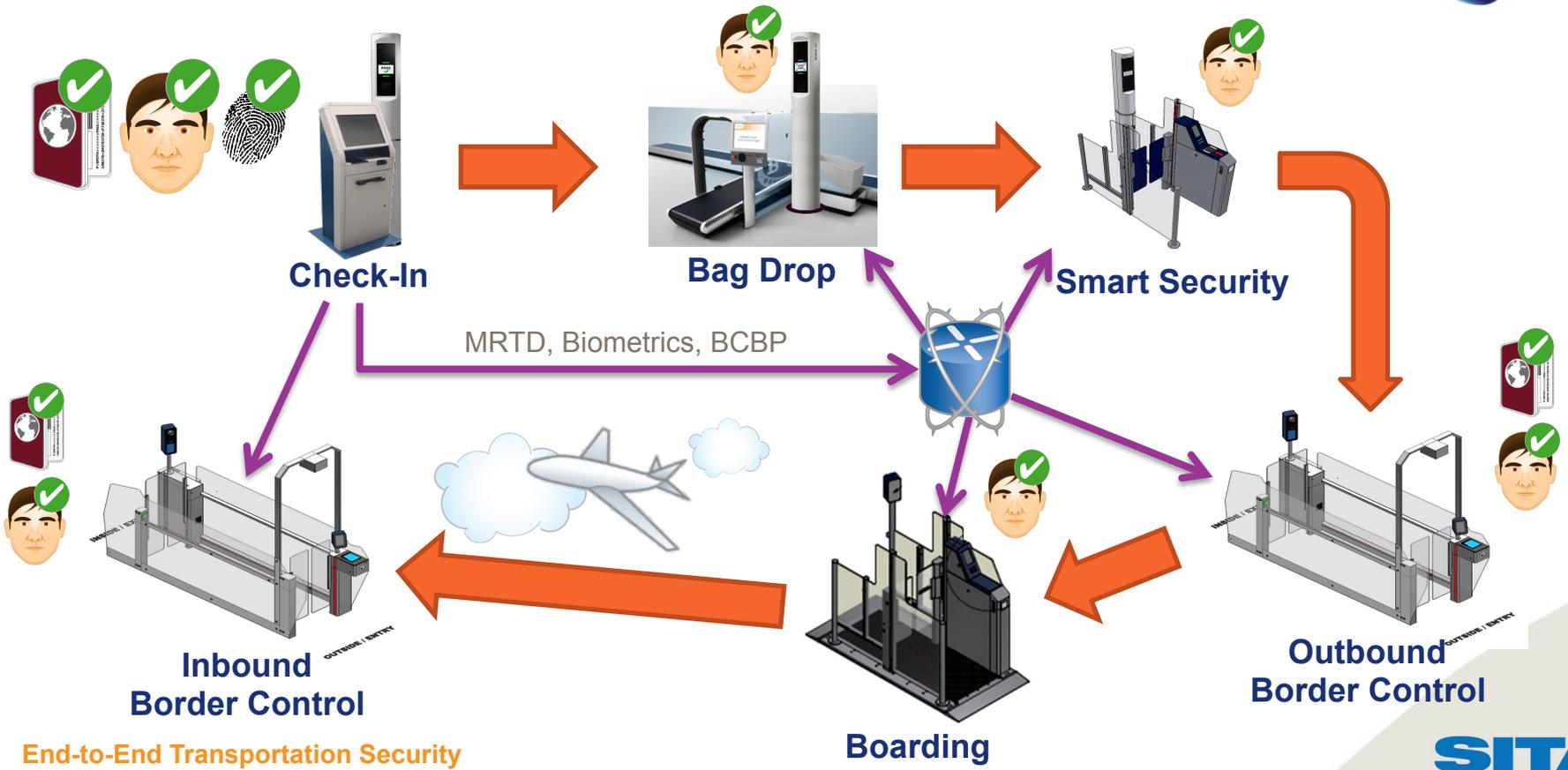
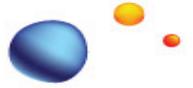
iBorders
TravelerData

InteractiveData, BookingData, InCountry Data
Up to 90M passengers per year (1 country)

iBorders
GovernmentLink

Integration with Government watchlists and
other systems

The Future: End-to-End Biometric Journey



End-to-End Transportation Security



**iBorders
Information**



**iBorders
Intelligence**



**iBorders
Interaction**



**iBorders
Insight**

SITA Border Security.

Transforming border operations, improving the travel experience. Globally.

Secure Borders. Together.

End-to-End Transportation Security



ICAO

UNITING AVIATION

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