



# BORDER & IDENTITY MANAGEMENT



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# CONTENT

- IOM at a glance
- Border management
- Specific technical requests
- IOM solutions
- Capacity building for States
- Cooperation



# IOM AT A GLANCE

- Established in 1951
- Leading intergovernmental organization in the field of migration
- IOM Mission: Humane and orderly migration benefits migrants and society
  - Assist in meeting the growing operational challenges of migration management
  - Advance understanding of migration issues
  - Encourage social and economic development through migration
  - Uphold the human dignity and well-being of migrants
- Active member of ICAO working and consultative groups

	2001	2015
Member States	90	162
Offices	150	580
Staff	2,600	9,000+
Projects	830	2,300
Annual Expenditures	\$286.6 million	\$1.4 billion



# BORDER MANAGEMENT

**“The management of borders, travel facilitation and security are of great importance for all international travelers, among them, of course, migrants and refugees who cross international borders. The way we do border management also has a direct impact on migration and refugee movements.”**

*- IOM's Director General William Lacy Swing -*

- Comprehensive and well-functioning border management structures, encompass both **security and facilitation of legitimate cross-border flows of people and goods.**
  - ⇒ both aspects must complement and not contradict the other.
- IOM looks at **border management as an integral part of comprehensive migration management.** Borders constitute a physical and legal space where many challenges related to migration management surface and culminate.



# TECHNICAL REQUESTS BY MEMBER STATES TO IOM - a selection

- Technical/rapid assessments for machine readable travel documents and border management information systems (BMIS)
- **Logical security features: technical information**
- PKI/PKD: information, technical specifications & assistance, costs, etc.
- ID management: civil registration/doc. 9303/e-MRTDs
- **Systems interoperability**
- MRZ vs. e-MRTDs: implementation deadlines
- Capacity building: ICT managers/database administrators, etc.
- IAPI (Interactive Advance Passenger Information) - UNSC resolution 2178 on Foreign Terrorist Fighters

<b>SECURITY CHECKING</b>
Scanning travel documents and visas with document reader
• Scanning MRZ travel documents
• Scanning non-MRZ travel documents
• Scanning ID-cards
• Scanning RFID (e-TD) travel documents
Capturing Infrared images
Capturing Ultraviolet images
Extracting photo from non-MRZ travel document
Checking MRZ control sums
Checking e-Passport security features
Checking visible travel document photo against photo on chip
Capturing Traveller's photo with webcam
Capturing Traveller's fingerprints
<b>REGISTRATION</b>
Recording biographic data
Recording entry and exit data
Recording Visa data
Recording Vehicle/Flight/Vessel data
Recording data of children travelling with parents
<b>ALERT LIST AND DATABASE SECURITY CHECK</b>
Checking against INTERPOL's MIND/ FIND
Checking against Persons National Alert List
Checking against Documents National Alert List
Secondary inspection screen
<b>PRINTING</b>
Visa label printing
Entry ticket printing
Penalty ticket printing
Temporary travel card printing
<b>LOGIN</b>
Biometric log in
Managing User Roles and Permissions
<b>DATA CONSOLIDATION</b>
Recording data in production DB (MS SQL Server)
Storing legacy data in Archive DB
Automated Data Exchange for data consolidation
Data Encryption and Zip
<b>DATA ANALYSIS</b>
Query against production DB
Query against Production and Archive DB
Daily, Monthly reporting templates
Custom reporting templates
<b>CONNECTIVITY TO OTHER SYSTEMS</b>
API Integration

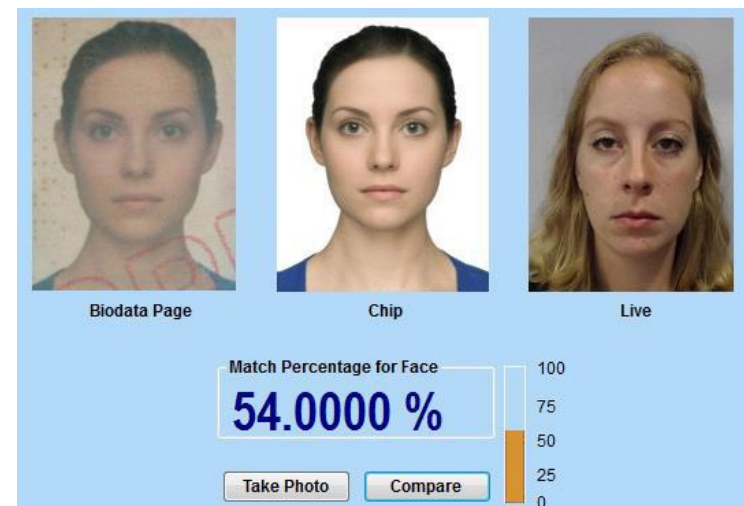
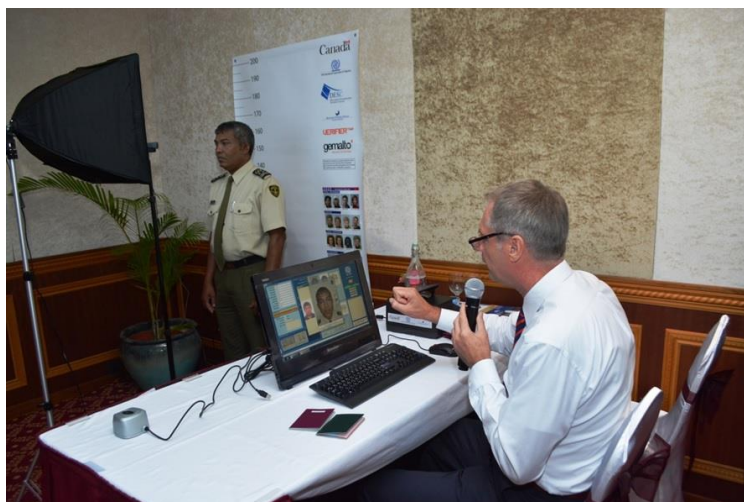
## Migration Information and Data Analysis System (MIDAS)

- IOM's BMIS developed in 2005
- **Collects, processes and stores** traveler's information, including **biometrics**, for the purpose of traveler identification, authentication of travel documents, data collection and analysis.
- Operational in **19 countries** (Africa, South America), 111 border crossing points
- MIDAS is an **affordable system**, suitable for installation in remote areas
- **MIDAS Mobile Kits and Mobile Patrol Vehicles**



## VERIFIER Travel Document and Bearer (TD&B) System

- Standalone system used for secondary inspection by immigration and border control officers to assist in **detecting fraudulent and/or altered travel documents** and **identifying imposters**
- Installed in **14 countries** (Asia and the Pacific)



## Passport Examination Procedure Manual (PEPM)

- **Second edition** due in July 2016
- The manual addresses the **methodology of travel document/passport examination** in a logical order, providing practical information on every step of the examination process.
- The manual has been designed for use by **border control officials and related agencies** involved in migration management.





# CAPACITY BUILDING FOR STATES

- Africa Capacity Building Centre (ACBC)
- Security Documents and Fraud Detection
- Fingerprint Verification/Biometrics
- Counter Migrant Smuggling
- Border Security
- Identity Management
- Sharing of good practices: inform and provide training on international technical and human rights standards
- Provision of support and advice in drafting legislation, SOPs
- Humanitarian Border Management



# INCREASING COOPERATION

- ICAO's TAG TRIP: Increased cooperation on Border and Identity Management
- Liaising between IOM and technical private sector on ID Management challenges
  - Example: Microsoft and the German funded Family Assistance Program (FAP)
  - IOM is already involved in a Public Private Partnerships (PPP) working group on wide variety of migration related topics



**THANK YOU FOR YOUR ATTENTION**

Questions? Comments?

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