



VERIFIER

TRAVEL DOCUMENT

& BEARER

Verifier Travel Document and Bearer (TD&B) is an automated secondary inspection system for travel document inspection and identity verification developed by the International Organization for Migration's (IOM) Regional Office for Asia and the Pacific. The main goal of the system is to assist border management and other relevant law enforcement agencies in:

- a) Detecting fraudulent travel documents and imposters;
- b) Collecting disaggregated data for national and regional trends analysis.

VERIFIER TD&B AT A GLANCE



SECURITY FEATURE VERIFICATION

After scanning International Civil Aviation Organization (ICAO) compliant passport, visa or card-sized travel document, Verifier TD&B will automatically verify the following security features:

- Check digits in the MRZ
- White light/ UV light and infrared image of the biographical data page
- Security paper
- B900 ink
- Chip verification (ePassport)
- Remaining document validity
- MRZ and Data Group 1 (DG1) comparison
- Hit against INTERPOL's Stolen and Lost Travel Documents (SLTD) database



FACIAL COMPARISON

Verifier TD&B retrieves the facial image from the chip and allows the officer to conduct 1:1 facial comparison using the chip image and a live photo of the traveler. Based on the quality of the photo in the chip, a "match" result, displayed as a percentage, is provided and supports decision-making on identity verification.



FINGERPRINT COMPARISON

Verifier TD&B can compare fingerprint(s) stored in the chip with those of the bearer. If the correct certificate chain is correctly stored in the system, a fingerprint comparison can be performed.

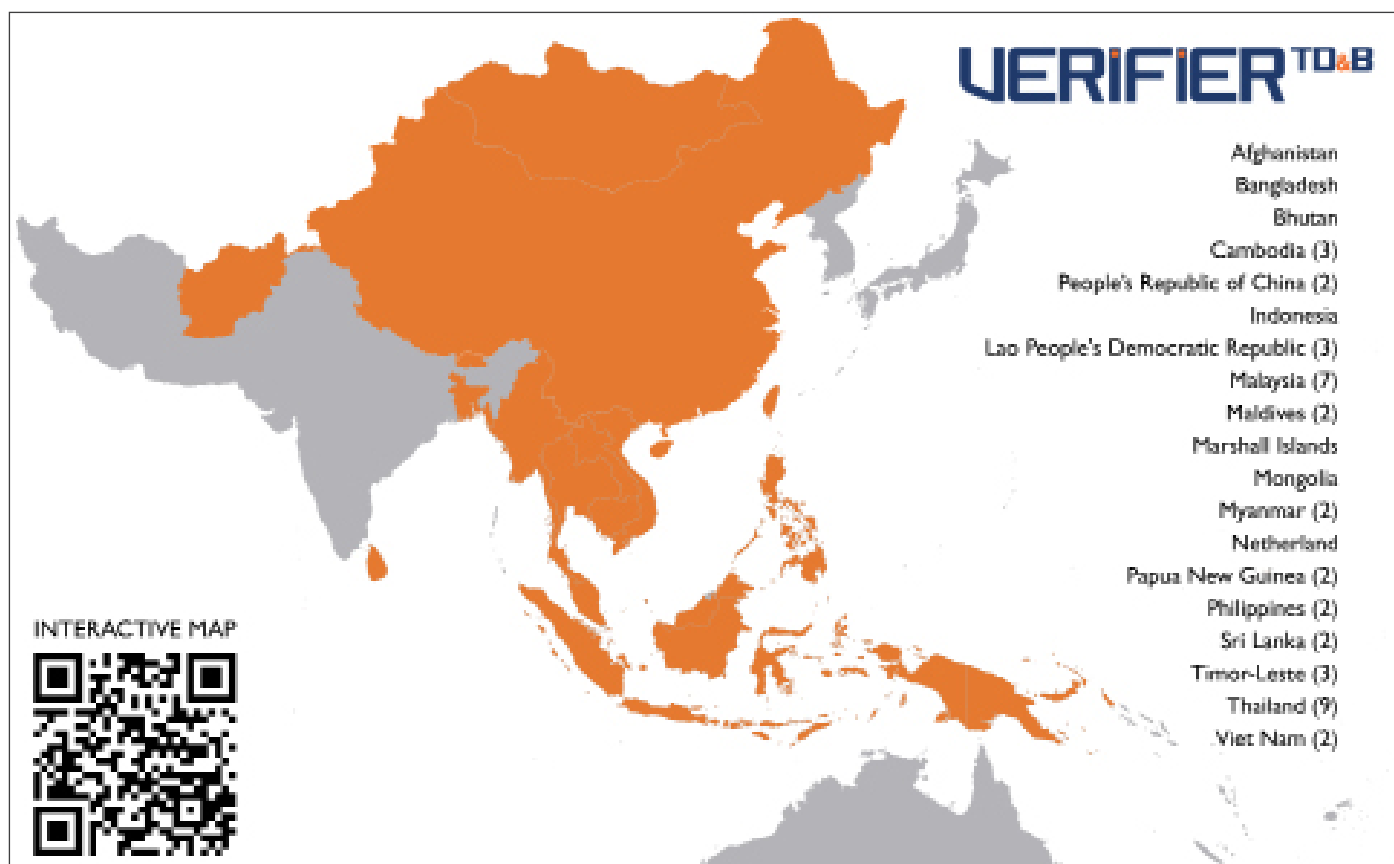


LOCAL LANGUAGE SUPPORT

Verifier TD&B user interface and reports can be made available in local languages at the request of Participating Members.

VERIFIER TD&B GEOGRAPHICAL COVERAGE

Verifier TD&B network has grown since its establishment in 2014, with a current scope of 46 workstations installed in 19 countries (as of September 2021).



VERIFIER TD&B IN OPERATION



CAPACITY BUILDING

IOM develops and delivers tailored trainings on Verifier TD&B, passport verification, and data management at request of Participating Members. IOM also develops Standard Operating Procedures (SOP) and provides remote assistance when requested.



DATA COLLECTION

Verifier TD&B collects a wide range of data on the travel document used in fraud and imposter cases. IOM conducts data analysis to support evidence-based decision-making for policy and operational responses.



REPORTING

Verifier TD&B automatically generates customized case reports of checked documents, providing details and a description of the verification results, to be further shared with law enforcement agencies, intelligence units and the judiciary as necessary.



SYSTEM UPDATE

IOM's in-house software developer consistently maintains and upgrades the software according to the needs of the Participating Members to achieve maximum efficiency and security.



TRENDS ANALYSIS

National and regional trends analysis are regularly developed and distributed among participating countries, based on non-sensitive data from intercepted cases. An interactive dashboard is also available to facilitate information exchange on a secure, user-friendly platform.



INTEROPERABILITY

IOM has established interoperability between Verifier TD&B and INTERPOL's Stolen and Lost Travel Documents (SLTD) database to expedite automated travel document checks.