



**VERIFIER**

**TRAVEL DOCUMENT**

**& BEARER**

Verifier Travel Document and Bearer (TD&B) is an automated stand-alone system developed by the International Organization for Migration (IOM) Regional Office for Asia and the Pacific, designed for secondary level travel document inspection. 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 the travel document, Verifier TD&B will automatically conduct verification on 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



### FACIAL COMPARISON

Verifier TD&B retrieves the facial image from the chip. The officer can take a live photo of the traveler. Then, a 1:1 facial comparison is performed and, based on the quality of the photo in the chip, a “match” result is displayed as a percentage to support the decision making process.

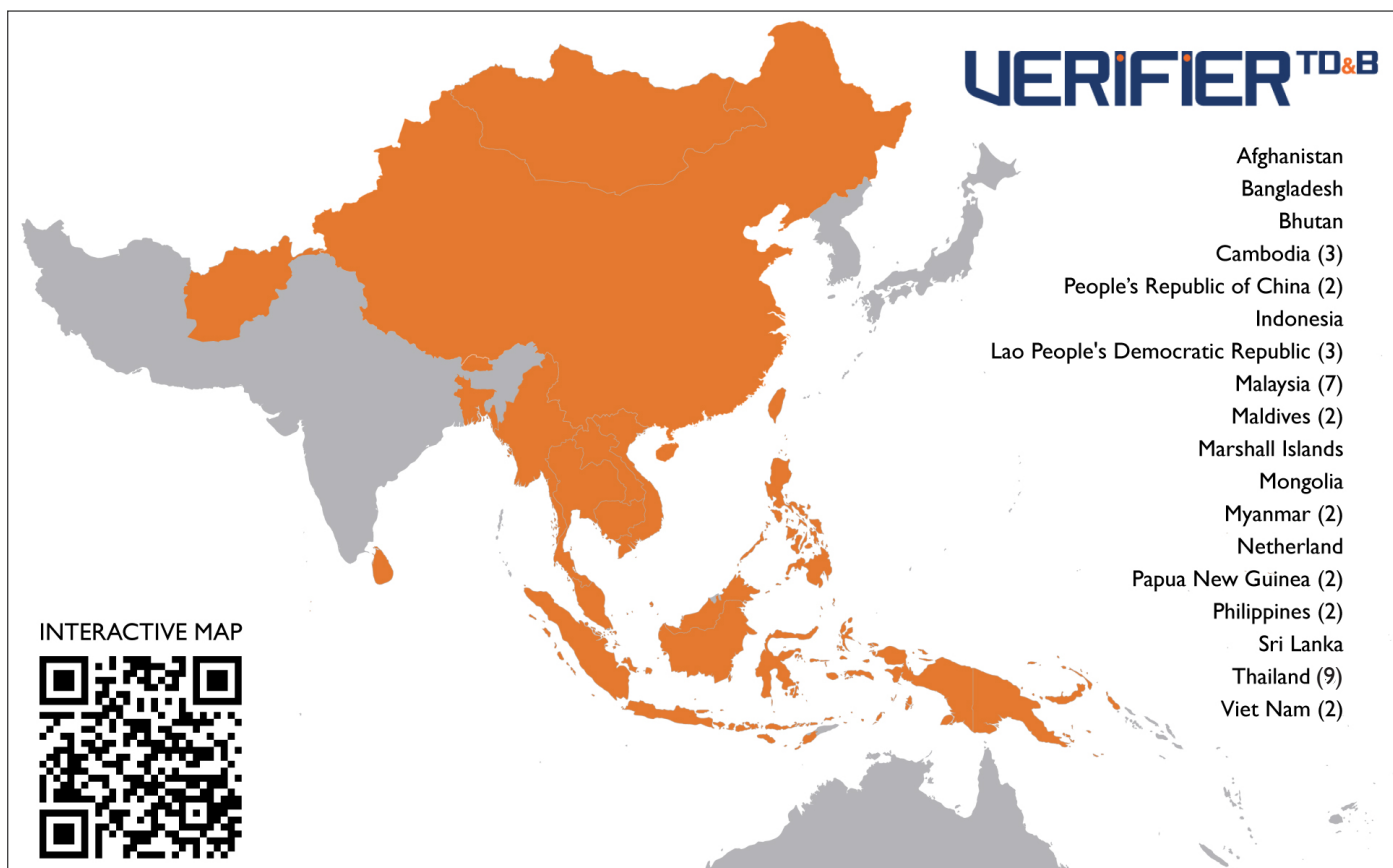


### FINGERPRINT COMPARISON

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.

## VERIFIER TD&B GEOGRAPHICAL COVERAGE

Verifier TD&B network has grown exponentially since its establishment in 2014, bringing the number to a total of 42 workstations installed in 18 countries (*as of January 2021*).



## VERIFIER TD&B IN OPERATION



### CAPACITY BUILDING

IOM develops and delivers **tailored training** on Verifier TD&B, passport verification and data management at request of the Member States, IOM also provides **Standard Operating Procedure (SOP)** and remote assistance whenever needed.



### DATA COLLECTION

Verifier TD&B collects a wide range of **data** of the travel document used in fraudulent or imposter cases. **Data analysis** supports decision and policy making for contextualized front-line operational responses.



### REPORTING

Verifier TD&B automatically generate PDF case reports of checked documents, **providing details and description of the verification result**, to be further shared with law enforcement and judiciary as necessary.



### SYSTEM UPDATE

The IOM **in-house software developer** consistently maintains and upgrades the software according to the needs of the Member States to achieve maximum efficiency and security.



### INTEROPERABILITY

IOM is currently exploring the interoperability of Verifier TD&B with national and international databases to expedite automated travel document's check



### 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.