

# MBI

MOBILE  
BIOMETRIC  
IDENTIFICATION

a product of the  
Thales Evidence and Investigation Suite



**STREET  
POLICING**



**CRIMINAL  
JUSTICE**



**TACTICAL  
OPERATIONS**



**DETENTION  
OPERATIONS**



**BORDER  
CONTROL**



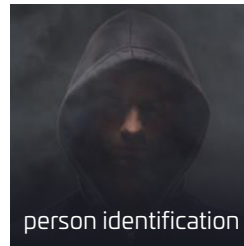
**BODY  
IDENTIFICATION**

## Empowering first responders

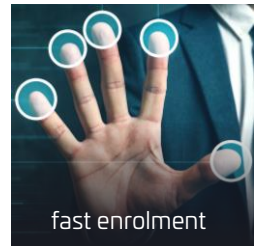
MBI is a mobile multibiometric acquisition and identity verification app.

MBI enables field operators to rapidly capture the biometric characteristics of an individual – and to proceed to near-real-time identification against remote systems of records, or local watchlists.

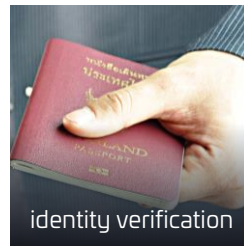
Beyond this primary function, MBI boasts a wide panel of features permitting to gather extensive field intelligence – and to markedly contribute to situational awareness.



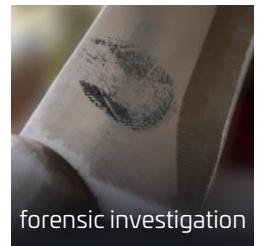
person identification



fast enrolment



identity verification



forensic investigation

## A complete forensic-grade solution in the palm of the hand



### customizable

fields / workflows / language nr. of fingers etc.



### multibiometric

fingerprints / face / iris separately or combined



### ID reading

MRZ + chip (NFC)



### quality assurance

NFIQ 1+2 auto-checks face auto-cropping + check



### fleet management

live geolocation users / devices (de)activation

### dual-mode

online / offline for searches and enrolment



### multiform

Android smartphone / tablet / purpose-built device



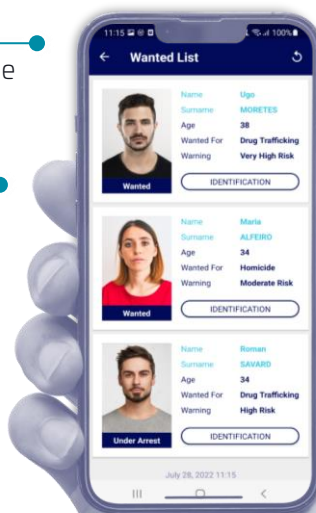
### secure

2-factor authentic data + transactions encryption



### ABIS-agnostic

interfaces with any system of records



## Choose your player

MBI runs on multiple devices operating under Android 8 and above.

Security forces opting for fingerprints contact acquisition may choose from a wide panel of hardware options – either by using add-on portable scanners, to complement their existing smartphones fleet, or pre-integrated identification devices.

In both cases, Thales offers cutting-edge options with its *BlueCheck* scanner range and its *MBI Tactical* purpose-built device.



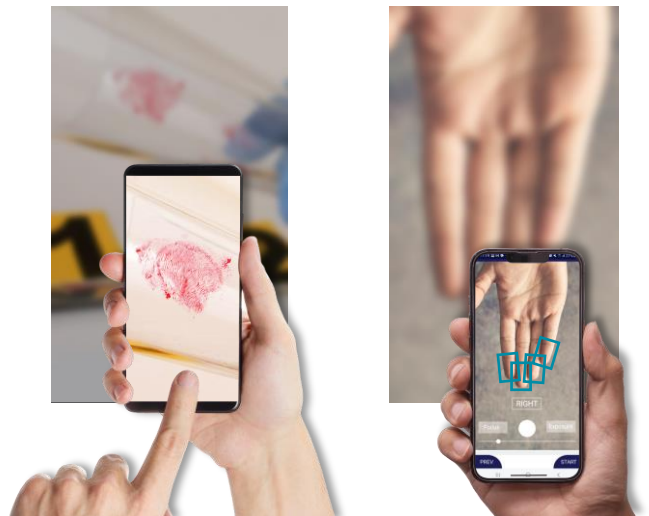
most popular contact-scanner-based MBI configurations : smartphone + peripheral and purpose-built devices

## Contactless acquisition

MBI is also capable to detect and capture fingerprints utilizing the built-in camera of the device – and doesn't necessarily require additional hardware for that purpose.

This feature addresses the challenges of dry and/or wet fingers, of ghost images left on scanner platen and of hygiene concerns.

It also allows the capture of latent prints left on a surface ; MBI features a criminal case initiation function enabling to subsequently transfer evidence records to the lab.

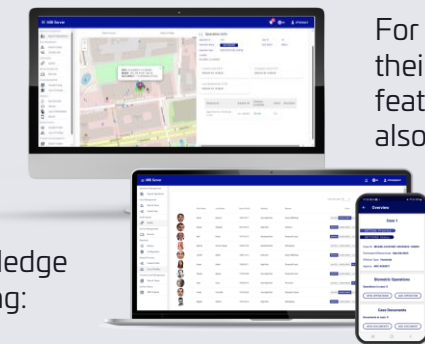


## Gateway, Supervision, SDK: a comprehensive environment

MBI Server is a software platform that enables MBI to interoperate with any system of records through a standard NIST-file-based interface.

MBI Server also features a full-fledge management capability, including:

- devices management
- users management
- reporting and monitoring



MBI Server conflates a highly resilient microservices-based-architecture and a flexible SMTP-based communication.

For organizations who wish to create their own app – or to integrate MBI features into an existing app, MBI also comes as a development kit.

MBI SDK is a developer-friendly, highly secure and comprehensive library.

It enables developers to leverage the reliability, speed and accuracy of Thales' mobile algorithms.

# Military-grade, mission-ready: Thales MBI Tactical Device



**smartcard reader**  
contact / contactless chip

**10-print roll sensor**  
FAP 50 / LES technology  
IP65-certified  
appendix F FBI-certified

**MBI app**  
embedded

**tactical-grade smartphone**  
5G / WI-FI 802.11  
Knox security platform  
night-vision / stealth modes  
USB-C (data / battery)

**industry-grade casing**  
ABS/PC enclosure  
w/ silicon overmold  
6-ft drop-tested  
IP67-rated  
CE / FCC / MIL-STD 810g

**dual iris camera**  
high-speed near-infrared

**hand strap**  
rugged (nylon) / adjustable

**formats**  
DoD EBTS 4.1  
DHS IDENT IXM  
ANSI/NIST-ITL 1-2011  
(Interpol implementation)  
NATO STANAG 4715

**parts**  
Samsung S23 Tactical Edition  
Iritech IriShield™ BO 2121  
Integrated Biometrics Five-O

274 x 135 x 51 mm (10.8 x 5.3 x 2.0 in) | 800 g (1.8 lbs)

## Get to know Thales Bluecheck 4

BlueCheck 4 is a range of new-generation ultra-compact fingerprint scanners. Designed for the field, easy to connect and to use, BlueCheck 4 boast a high-quality capture and a wide panel of features.

BlueCheck 4 come in a single-, dual- and four-finger forms.



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