



THALES

Thales Defense & Security, Inc.

Products



22605 Gateway Center Drive
Clarksburg, MD 20871

CAGE Code 23386

Mobile Biometric Identification (MBI)

An Evidence and Investigation Suite Product Empowering first responders



MBI is a complete, forensic-grade solution that fits in the palm of your hand. MBI is a premier mobile multibiometric acquisition and identity verification application. Built for mission-critical operations, MBI empowers field operators to rapidly capture an individual's biometric characteristics and execute near-real-time identification against remote systems of record and local watchlists. Beyond its core identity verification capabilities, MBI delivers a

robust suite of intelligence-gathering features designed to significantly enhance situational awareness in the field.

MBI detects and captures high-quality fingerprints utilizing the mobile device's built-in camera, eliminating the logistical burden of deploying additional peripheral hardware. This contactless approach effectively resolves common operational challenges, including dry or wet fingers, ghost images left on traditional scanner plates, and stringent hygiene concerns.

Furthermore, MBI supports the high-resolution capture of latent prints left on field surfaces. To preserve the evidentiary chain of custody, the application features a criminal case initiation function, enabling operators to seamlessly and securely transfer forensic records directly to the laboratory.

Gateway, Supervision, SDK: A Comprehensive Environment

MBI Server: A robust software platform that ensures seamless interoperability between MBI and any existing system of record via a standard, NIST-compliant file interface. The MBI Server provides full-fledged administrative capabilities, including comprehensive device management, user access controls, and advanced reporting and monitoring tools.

MBI SDK: For agencies and organizations requiring a customized operational framework, MBI is available as a Software Development Kit (SDK). Highly secure and developer-friendly, the MBI SDK enables integrators to embed biometric features into existing applications while leveraging the proven reliability, speed, and accuracy of Thales' mobile algorithms.

Capabilities

Key Features

- > Military-grade, mission-ready: Thales MBI Tactical Device
- > 10-print roll sensor
- > FAP 50/LES technology IP65-certified appendix F FBI-certified
- > Tactical-grade smartphone
- > 5G/WI-FI 802.11 Knox security platform Night-vision/stealth modes USB-C (data/battery)
- > Dual iris camera
- > High-speed near-infrared
- > Smartcard reader
- > Contact/contactless chip
- > MBI app
- > Embedded
- > Industry-grade casing
- > ABS/PC enclosure w/silicon overmold 6-ft drop-tested IP67-rated CE/FCC/MIL-STD 810g
- > Hand strap
- > Rugged (nylon)/adjustable

Technical Specifications

Physical Parameters

Dimensions: 10.8 in x 5.3 in x 2.0 in
(274 x 135 x 51 mm)

Weight: 1.8 lb (800 g)

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™ b0 2121

Integrated biometrics five-0



Specifications are subject to change without notice.

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