MORPHOIDENT™

REAL-TIME HANDHELD IDENTIFICATION

MorphoIDent™ is the most advanced handheld fingerprint device enabling real-time identification based on Morpho's world-class biometric technology. Compact, easy to use and accurate, MorpholDent™ has been designed by professionals experienced in using mobile identification in the field.

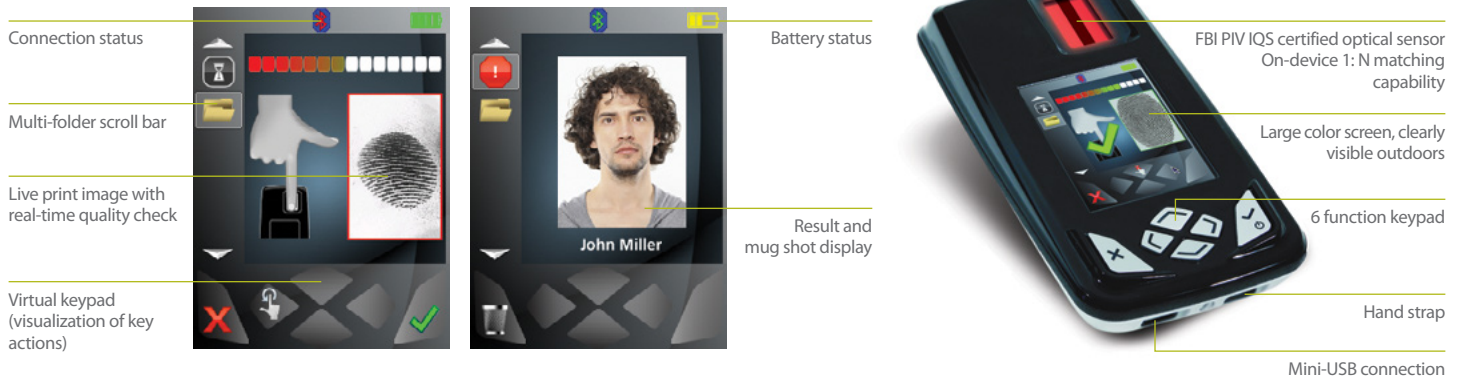**DESIGN:** Light, sleek and palm sized

ACCURACY: FBI PIV IQS optical scanner

RELIABILITY: Robust and fully certified

USABILITY: Vibration alert, color screen clearly visible outdoors

FLEXIBILITY: On-device or remote matching

SAFRAN
Morpho

MORPHOIDENT™

REAL-TIME HANDHELD IDENTIFICATION

Connection status

Multi-folder scroll bar

Live print image with
real-time quality check

Virtual keypad
(visualization of key
actions)

Battery status

Result and
mug shot display

John Miller

FBI PIV IQS certified optical sensor
On-device 1: N matching
capability

Large color screen, clearly
visible outdoors

6 function keypad

Hand strap

Mini-USB connection

Light and compact
• Fits comfortably in the hand

Optimized ergonomics and ease of use
• Color screen, clearly visible outdoors
• Intuitive Graphical User Interface
• Real-time vibration alerts for fingerprint
  capture, identification results
• On screen action pictograms aligned with
  keypad design
• Multi-case management, multiple requests
  processed simultaneously

Robust and reliable
• More than 8 hours of continuous use from
  a single battery charge, providing full shift
  coverage
• Designed for use in most field conditions
  (rain, noise, cold, etc.)
• Dust and water resistant

World class identification performance
• Forensic quality optical fingerprint sensor
• FBI PIV IQS certification

Field proven
• Thousands of devices already in the field
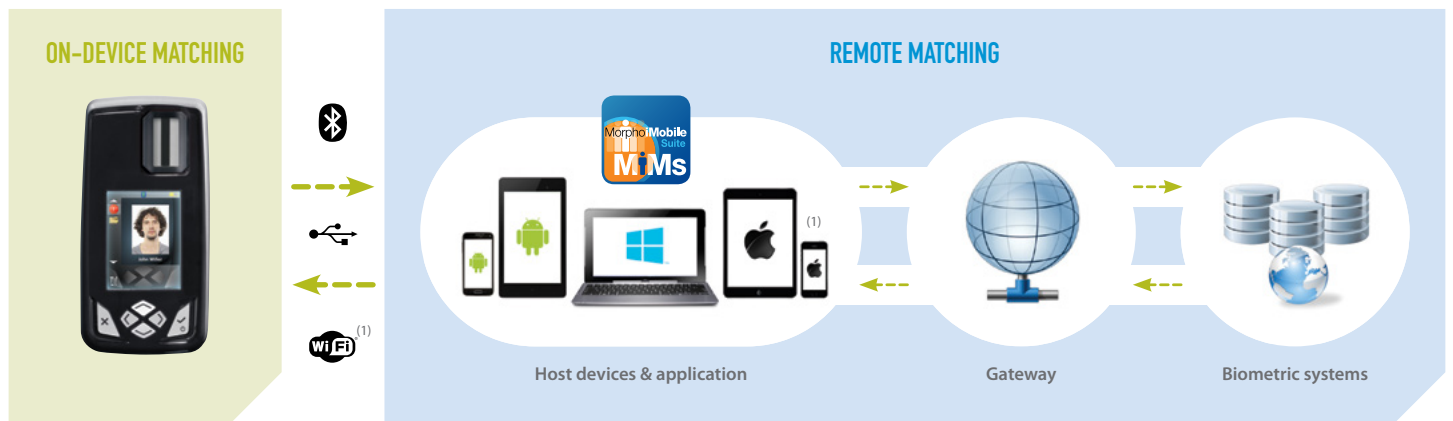
Flexible and easy to install
• Integration into existing IT architectures without
  incurring additional infrastructure costs
• Two operating modes: on-device matching
  (up to 1:5000) or remote biometric system
  identification
• Interfaces with multiple host devices and
  platforms:
  - Windows (Bluetooth or USB)
  - Android (Bluetooth)
  - Apple iOS (Wi-Fi ad hoc)[1]
• Mini-USB connector for both data exchange
  and battery charge

S P E C I F I C A T I O N S

• **Dimensions (LxWxH):**
  133 x 66 x 18 mm (5.2 x 2.6 x 0.7 inches)
• **Weight:** <150 grams (5.3 oz)
• **Optical sensor:** FBI PIV IQS certified, 500 dpi,
  256 gray levels, 14x22 mm sensing area
• **Display:** 2.4" QVGA color LCD
• **Battery:** Li-ion, 1230 mAh
• **Drop test:** 1.4m (4 ft)
• **Ingress Protection:** IP32
• **Operating conditions:**
  • Temperature: -10° to 50°C (14° to 122° F)
  • Humidity: 95% non-condensing
• **Storage conditions:**
  -20° to 70°C (-4° to 158° F)

CE FC RoHS

More than just a mobile biometric device,
MorphoIDent™ comes with a complete range of solutions for identification in the field.

ON-DEVICE MATCHING

REMOTE MATCHING

MorphoMobile Suite MiMs

Host devices & application

Gateway

Biometric systems

Host application enables:
• MorphoIDent™ configuration and management
• Standard NIST file generation & management
• Remote identification on central database

• HTTP/HTTPs, SMTP/SMTPs interface with server
• Matched candidate portrait and demographic
  information display

[1] Wi-Fi ad hoc interface with Apple iOS devices is only available on MorphoIDent™-E2 BW variant

Société par actions simplifiée au capital de 159.876.075 euros - 440 305 282 RCS Nanterre

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