MiMs

MORPHO iMOBILE SUITE

The Morpho iMobile suite (MiMs) is a software suite specifically designed for mobile biometric solutions, offering efficiency, accuracy and reliability. It works with multiple operating systems and devices, including smartphones and tablets.

Enabling real-time operations in the field, MiMs helps make communities safer and solve more crime.

- Enrollment of individuals
- Person identification
- Verification of secure ID documents
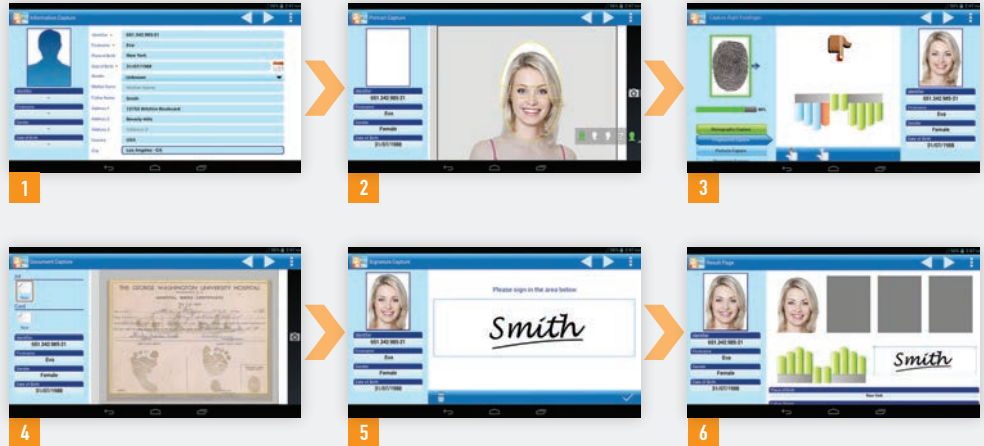- Crime scene investigation

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MORPHO iMOBILE SUITE

Morpho iMobile Suite
MiMs

1 SUITE, 4 APPLICATIONS

1 MiSCAN: USER ENROLLMENT

MiScan allows the acquisition of all information relevant to complete the registration of individuals, step-by-step and in a straightforward manner.
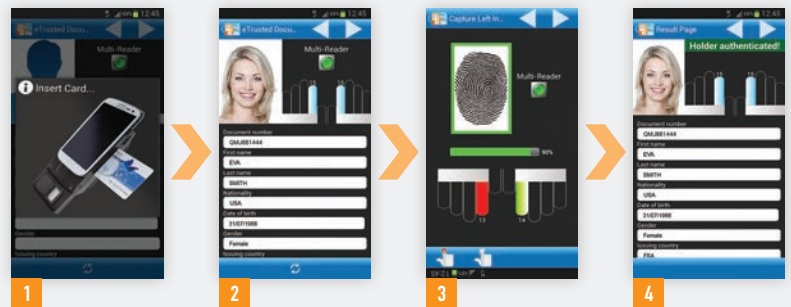
1. **Demographic data**
2. **Portrait**
   - Front and side views
   - Eye alignment pattern for optimal capture
3. **Fingerprints**
   - Up to 10 fingers (customizable)
   - Live image, position indicators and quality score
4. **Documents**
   Scanned in JPEG format
5. **Signature**
   Directly on screen
6. Displayed **summary** and generation of a **file in NIST compliant format**

2 MiCHECK: E-DOCUMENT CHECK

MiCheck has been designed to confirm the identity of the holder of an electronic document.

1. **Reads** multiple ID documents:
   - ID cards (contact, contactless, bar codes)
   - Driver licenses
   - Passports (reads RFID chip after MRZ check)
   - etc.
2. **Displays data** stored in document
3. **Compares** biometric data in document with the holder's live capture (1:1 verification)
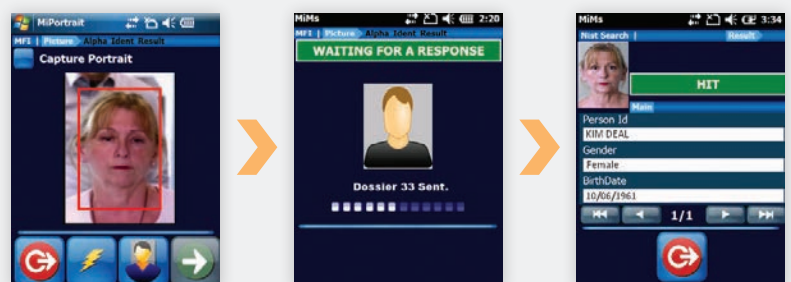4. **Provides immediate result** (hit/no hit)

3 MiVERIFY: IDENTIFICATION

MiVerify provides fast one-to-many identification in the field from the on-site capture of individual's fingerprints or face (suspects, victims, travelers, attendees to sport or cultural events, etc.).

- **On-device 1:N search** against a local watch list

- **Remote 1:N search** via an ABIS[1]

It is also possible to perform a 1:1 authentication on device against the biometric data received from a central system (ABIS query mode).
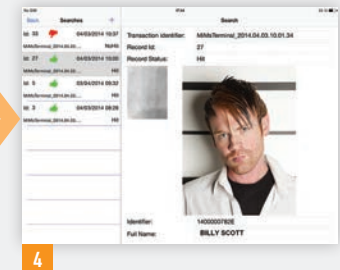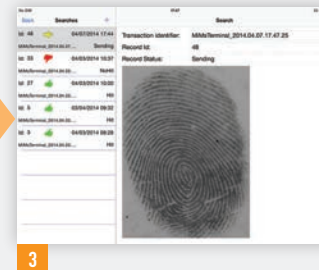
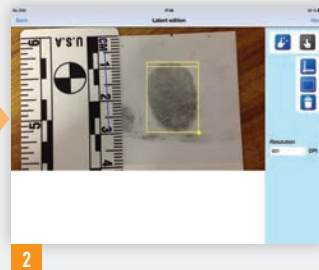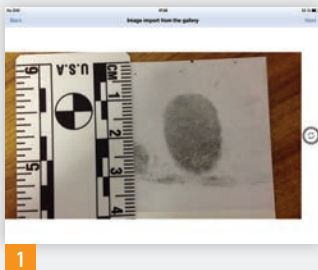[1]ABIS = Automated Biometric Identification System

4 MiCRIMESCENE: CRIMINAL INVESTIGATION

MiCrimeScene helps to speed up criminal investigations. Through field evidence collection with a mobile device, it aims to identify suspects directly from the crime scene.
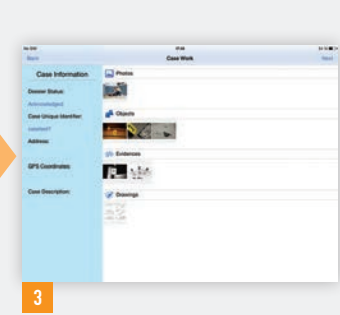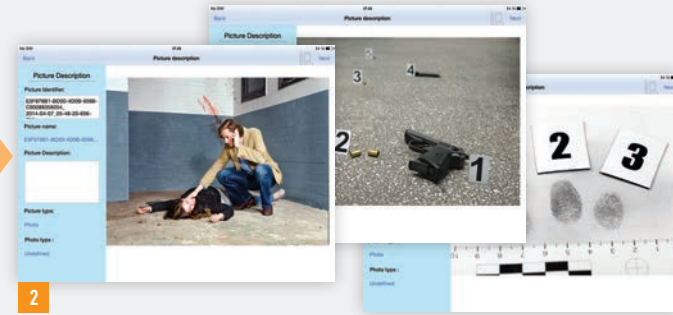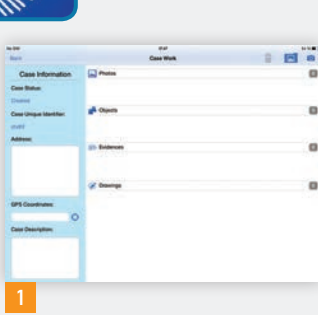
MiCrimeScene contains two modes:

QUICK SEARCH

- **OBJECTIVE:** To provide an initial lead on the spot
- **TIMING:** Immediate search of suspects
- **END USERS:** Detectives and police officers
- **PROCEDURE:** 1. Live capture of latent fingerprints (using mobile device camera)
  2. Scale and crop
  3. Latent submission to the central ABIS
  4. Remote search via the ABIS. Results returned immediately for display on mobile device

CASE WORK

- **OBJECTIVE:** To gather crime scene images and associated data to create a case
- **TIMING:** Immediate evidence collection for further analysis and processing
- **END USERS:** Crime scene investigators
- **PROCEDURE:** 1. Case record creation: address, GPS coordinates, crime scene description
  2. Addition of:
     - Overall scene photos
     - Photos of exhibits
     - Photos of evidence (latent prints, facial images, scars, marks, tattoos, etc.)
     - Complementary notes and drawings
  3. Case recording.
     Submission from the field to central agencies for further processing: case management system, ABIS etc.

OPERATING SYSTEM AGNOSTIC

MORPHOCHECK™

MC75A + BA500

WINDOWS MOBILE

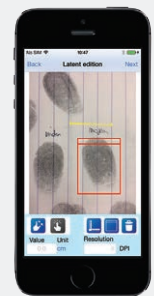**ANDROID**

APPLE iOS

SAMSUNG GALAXY SIII
+ BIOMETRIC ATTACHMENT
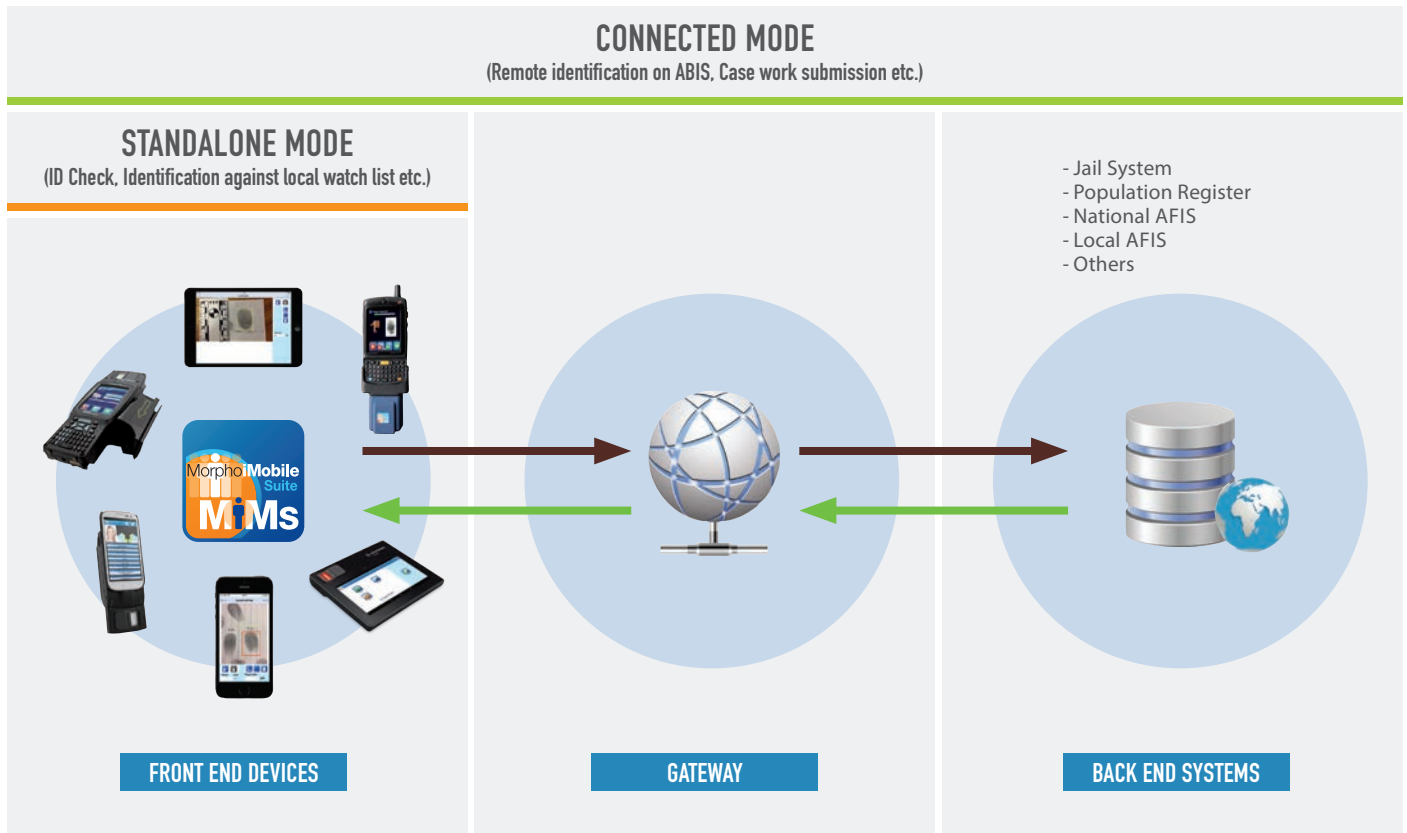
MORPHOTABLET™

iPAD

iPHONE

NB: The products presented here are compatible with MiMs at time of publication. However, this offer is continually being enlarged to incorporate new devices on demand.

CUSTOMIZATION SCOPE

- User interface and language

- Exchange file content and display

- Biometric data capture and storage (number of fingerprints, etc.)

- Manual or automated capture mode

- ID card type and format

- Deletion policy

- Network interface

- Third party system interface

- Local watch list size and update

- Use of existing databases

OPERATING MODES

CONNECTED MODE
(Remote identification on ABIS, Case work submission etc.)

STANDALONE MODE
(ID Check, Identification against local watch list etc.)

- Jail System
- Population Register
- National AFIS
- Local AFIS
- Others

FRONT END DEVICES

GATEWAY

BACK END SYSTEMS

KEY BENEFITS

A unique suite for a wide range of applications, specifically designed for real-time operations in the field	**Speeds up investigations**
Allows agencies to get more identifications without the need for additional resources	**Agencies are more efficient in solving crime**
Compatible with specialized and commercial devices (incl. Android smartphones and tablets, iPhones and iPads)	**Customer selects or re-uses his equipment**
Simple, intuitive and customizable	**No need for training, quickly learned**
Multiple requests processed at the same time	**High efficiency**
Optimized procedures for rapid and reliable processing	**Enhanced performance**
Morpho biometric algorithms	**Unsurpassed accuracy**
Supports multiple document types and technologies (contact, contactless, 2D bar codes, MRZ, etc.)	**Interoperable with existing environments**
Open interface via NIST format files (including types 1, 2, 4 and 10) and NIST protocols Latent Interoperability Transmission Specification (LITS)	**Compliant with FBI requirements**

KEY MISSIONS, KEY TECHNOLOGIES, KEY TALENTS

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