



FABIS MULTIMODAL

FACE AND FINGERPRINT MATCHING
IN THE PALM OF YOUR HAND



SECURE PLANET—NEXT GENERATION TACTICAL IDENTIFICATION

Secure Planet (SP), has enhanced the FABIS-Mobile application by adding touchless fingerprint collection to create the FABIS Multimodal biometric collection application. The FABIS Multimodal application incorporates a cutting-edge facial identification algorithm and combines it with Veridium's 4Fingers™ TouchlessID, an innovative new biometric that captures four fingers at once, followed by the thumbs, without requiring any hardware other than a smartphone with a 5MP camera and LED flash.

The FABIS Multimodal application can be deployed as a stand-alone device or as an enterprise-wide solution. Other offerings associated with FABIS Multimodal include: **backend matching, integration, operations and maintenance (O&M) and policy support.** We have a staff of highly skilled engineers who can provide system customization, integration, and user training.

SOLUTIONS

FABIS Multimodal is a powerful application for commercial-off-the-shelf (COTS) Android smartphones and tablets. The application allows operators in the field to rapidly enroll, identify and verify persons without ID documentation in a disconnected or connected environment. The application also allows operators to capture, process and identify persons from video with or without a network connection. When connected to the BioCore backend, the operator can search larger databases while performing watchlist creation and management.

FEATURES & BENEFITS

- Ability to search millions of constrained/unconstrained face images on Android devices with no backend connection
- Touchless fingerprint collection allows convenient, quick, and secure identification
- Tattoo collection and matching
- Voice collection
- Enrollment, identification, and verification with no backend connection
- Ability to capture and match faces from group photos and videos on the device
- Enroll or identify from image file (e.g., .jpg, .tif., .gif, .eft, etc.)
- Capability of pairing application with COTS optics to support capture/match at 500m+
- History menu allows operator to review encounters and conduct enrollments after departing the objective
- EBTS v1.2 and v4.1 compliant output files
- Encrypted database and communication to backend
- With a network connection, application can:
 - Send/receive data from the U.S. Special Operations Forces Exploitation Portal
 - Sync and pull data from the back-end BioCore server
 - Create watchlists on the fly
 - Share data across devices
 - Send photos to a 3rd party to confirm match/no match
- Configuration settings allow the operator to control:
 - Match threshold
 - Maximum matches
 - Maximum faces per frame
 - Number of records to sync
 - Rotation of images
 - Maximum face size