



# SLAPSHOT

Powered by Sciometrics

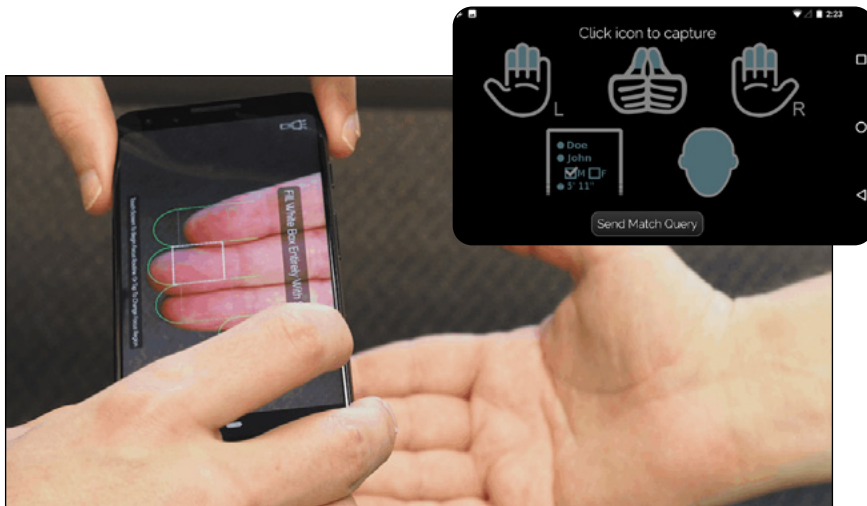
CONTACTLESS  
IDENTIFICATION  
SOFTWARE

Groundbreaking  
SDK software that  
turns your phone  
into a mobile  
identity device!

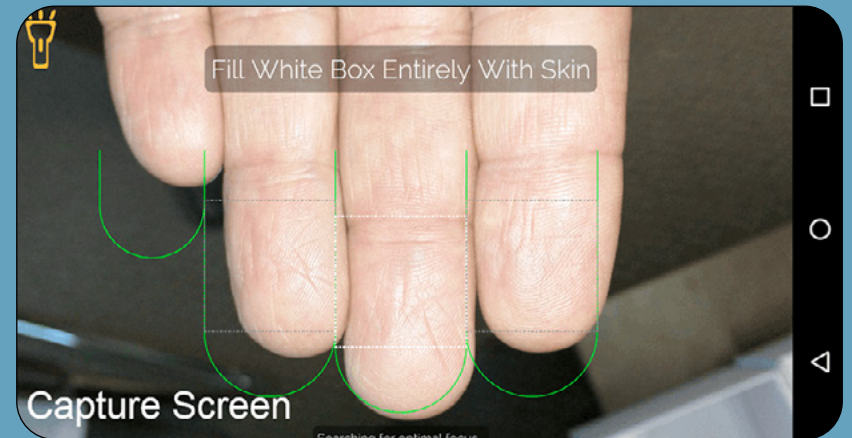


- One less thing to carry
- One less thing to charge
- No devices to plug-in
- Easy-to-use, multimodal biometrics at the reach of every member of your force

Presenting Integrated Biometrics SlapShot, powered by Sciometrics. Capture high-quality, processable, 500ppi fingerprint images using the camera on your smartphone equipped with innovative software from Integrated Biometrics. In partnership with Sciometrics, Integrated Biometrics has developed an advanced touchless fingerprinting technology called SlapShot. This is available as an alternative to a separate, wired fingerprint sensor connected to your tablet or phone for enrollment, identification (1:N) or verification (1:1) purposes.



**Slapshot captures fingerprint biometric information by photographing the surfaces of the fingers and thumbs. Ten-finger capture can be accomplished in less than a minute.**



**Slapshot supports 4-4-2 fingerprint capture, facial recognition, and metadata using state-of-the-art matching algorithms.**

Slapshot supports fingerprint and facial recognition using state of the art matching algorithms. Fingerprints can now be captured by advanced software that enables the camera in your existing smart phones to generate images with a quality capable of precise identification. Facial recognition and metadata supplement the identification process for any potential suspect or person of interest.

This groundbreaking approach turns almost any smart phone into a biometric capture device, and with minimal integration, your entire force can leverage their existing smart phones to capture fingerprints for identification and verification, receiving matching results in seconds from a centralized repository.

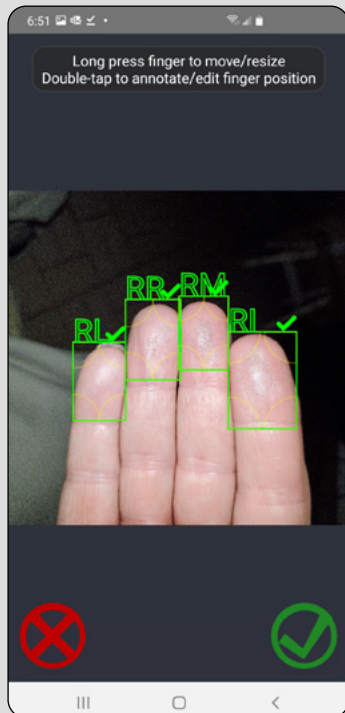
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Slapshot functions on Android devices that support Lollipop or later operating systems and relies on the device's rear high-resolution camera. Image captured from the camera are automatically processed on the device in the background and converted into EBTS files. Once the fingerprint image is taken, the fingerprint matcher in the cloud returns results instantly.

# SLAPSHOT APIs

The Slapshot SDK allows developers to capture contactless fingerprints and other biometrics within their own apps via calls to the Slapshot APIs. Examples include:

**Capture API:** The Capture API allows for finger captures to be configured and requested from within the application. The API then walks the user through capturing the requested biometrics (e.g. left slap, right slap, etc.). The capture requests can be individually configured to meet the use-case needs selfie/administered, capture review enabled/disabled, quality validation constraints, and more. The data returned can be either images or biometric data embedded in an EBTS file.



**Matching API:** The Matching API facilitates sending images to matching technologies for different biometrics. Developers can create their own matching pipeline from the supported technologies to perform multi-modal queries or remote 1:1 verification from a centralized biometric database.

Slapshot supports on-device matching, or submission to an AFIS system for matching against larger databases.

## APPLICATION

- Works on modern Android smartphones
- Lollipop OS or later
- 4 GB RAM or greater
- 8 MP camera (minimum)
- Communicates via internet service, email or MMS



## SDK COMPONENTS

- JAVA APIs available for integration in applications
- SDK comprised of 4 SDK modules:
  - **Module 1:** Biometric Capture API
  - **Module 2:** Query/Database Management API
  - **Module 3:** Settings API
  - **Module 4:** Device Calibration API

## MINIMUM DEVICE REQUIREMENTS

- 8MP back-facing camera
- At least Camera2 API limited support
- 4GB RAM

INTEGRATED BIOMETRICS

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