

TECHNICAL DATA SHEET

Gemalto Cogent MobileID 5 Software



Product Description

Running on a commercially-available Android smartphone or Tablet, the Gemalto Cogent MobileID software delivers the power of an Automated Biometric Identification System (ABIS) in a portable, handheld format.

When combined with Cogent's biometric handheld capture devices or integrated with 3rd party biometric handheld devices, MobileID allows users to quickly and easily perform in-the-field fingerprint and face identification or to enroll users into a local, state or federal biometric system.

Using various biometric capture devices that capture high-quality, FBI Certified 500 dpi images, MobileID will transmit NIST standard requests over a wireless network. The requests are used in a search of a remote ABIS(es) providing real time feedback to the user of people-of-interest they want to identify. Submission requests and responses from to the device are sent and received via the latest standard wireless technology.

BENEFITS

- > High-quality fingerprint capture
- > The speed and accuracy of an AFIS or an ABIS in a mobile environment
- > User-friendly interface, which minimizes the need for training
- > Capability to submit searches and receive responses in the field, which increases efficiency
- > The flexibility to handle NIST standard requests and responses over a wireless network
- > Mugshot acquisition using quality standards to ensure compliant photo capture
- > Multi-factor user authentication including user name, password and/or fingerprint
- > Centralized configuration management for improved support

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SPECIFICATIONS	
Android 4.2 or newer	Android version 4.2 or newer working on at least one latest generation target, tablet based device (Samsung Tab) and Credence Tab.
Fingerprint sensor Integration	The application architecture allows for quick integration of other devices without significant change in the source code.
Login	Multi-factor authentication against cached credentials. Support for cache expiration.
Device onboarding	Device ID registration and download configuration file. Ability to centrally configure solution specific settings and software updates. For example – what demographic and biometric data is either mandatory or optional to capture, the NIST submission and result construct. Mobile device running MobileID will redefine the format based on the Cogent applications.
Server based configuration	Support for a configuration server where application configuration information is stored then download to the device.
Demographic capture	Optimized and configurable screen(s) for demographic data entry. User interface and data capture based on configuration files.
Fingerprint capture	<p>Screen for fingerprint capture.</p> <p>Capture based on 1, 2, 4 and 10 finger configurations.</p> <p>Configuration that allows the user to skip fingerprints and indicate why, by selecting a reason from list of appskip reasons.</p> <p>Configuration that enables the user to select different fingerprint position if the one required cannot be captured.</p> <p>Fully automatic fingerprint capture and quality check – fingerprint capture proceeds automatically through all required fingerprints, without user pressing anything on the screen. Quality check is performed after each print is captured and the user is informed with a brief message. If quality is poor the user re-captures the fingerprint.</p> <p>Display icon indicating which fingerprint the user should capture – for example a hand with the finger to present clearly marked.</p> <p>Configurable force capture – if enabled, if a fingerprint cannot be captured with three attempts then the user is presented with option to continue with the best captured image as-is, or to skip the finger. If not enabled, then the user is presented with option to skip the finger or to make another three attempts.</p>
Face capture	<p>Screen for mugshot capture with ICAO face cropping for frontal face photos.</p> <p>Face quality check – performed for frontal face photos only, after face image has been captured.</p>

All specifications subject to change without notice.

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