

# COGENT SYSTEMS

## MobileID Solution



*Cogent's MobileID Solution identifies subjects in the field in seconds.*

### The Business Challenge

On any given day, millions of people wanted for crimes roam the streets of US towns and cities. In California alone, there are more than 2.5 million people with outstanding warrants. When these individuals come into contact with law enforcement personnel during field encounters, they often evade detection by providing a false name or false identity documents. For an officer's personal safety, it is crucial for him or her to rapidly identify these suspects and to take appropriate action.

A growing number of communities are turning to mobile fingerprint identification technology to ensure that wanted criminals who come into contact with police are correctly identified and can be taken off the street. Data from communities where this technology has been in use for a number of years demonstrates its value as a crime-fighting tool.

### The Solution

Since 1990, Cogent has delivered the fastest, most accurate, most sophisticated biometric fingerprint solutions in the world. As a world leader, Cogent provides first class Automated Fingerprint Identification

access control solutions to governments, law enforcement agencies and commercial customers worldwide. Cogent's BlueCheck® is part of the MobileID™ solution that Cogent provides to enable the fastest mobile fingerprint identification searches available today, providing a response within one minute or less. This would ultimately benefit the officer in the field with a fast response and provide the invaluable benefit of enhancing officer safety. Cogent's MobileID solution can be deployed for other applications, such as e-citation, in the field bookings or pre-booking identity verification, and can provide a faster identification process for sex, arson, and narcotic registrants.

Cogent's MobileID solution also includes multi-modal biometric handheld devices: Mobile Ident II and Fusion. Mobile Ident II can capture fingerprints and facial portraits and includes many user-friendly features that reduce the possibility of user error. For example, Mobile Ident II is equipped with a mag-stripe reader that allows users to enter demographic

S y s t e m  
(AFIS) and  
b i o m e t r i c

information by simply swiping a driver license or other official identity document. The Fusion device, Cogent's latest state-of-the-art biometric tool, captures and stores 10,000-plus (scalable) records: forensic-quality fingerprints, latent fingerprints, iris images, photos, and textual data. Other features include internal matching against stored records, wireless connectivity via 802.11b/g or Bluetooth, GPS tagging of all records collected, and the lightest weight of any device of its type on the market today – just over one pound.

Cogent's MobileID transactions conform to the transaction standard set by the National Institute of Standards and Technology (NIST). Therefore, Cogent's MobileID server can interface with any Automated Fingerprint Identification System with an open NIST standard interface and other third party law enforcement systems such as mugshot repository, record management system (RMS), or computerized criminal history (CCH) system. Leveraging top tier advance server hardware, Cogent's MobileID solution is linearly scalable and can manage hundreds of mobile devices at a time.

## The Benefits

With the flexibility of Bluetooth, Cogent's MobileID and BlueCheck solution can be run on nearly any Bluetooth and network-enabled platform. Cogent's solution offers users the following benefits:

- Significant improvement in safety for law enforcement officers
- Real time identity verification
- Checking of Wants and Warrants from the field
- Verification of restraining orders and domestic spouse abuse orders
- Leverages existing IT equipment and infrastructure
- User-friendly interface, which minimizes the need for training
- Capable of submitting searches and receiving responses in the field
- Flexible in handling NIST requests and responses over a wireless network

The officer ran the information and the physical descriptors resulted in a match. He then used Cogent's MobileID unit and within a minute he received a response with a picture that matched this subject with a different name and date of birth. The subject actually had two warrants outstanding and was arrested.

Within the first month of MobileID deployment, San Joaquin County Sheriff Department made a dozen arrests and most of the detainees were wanted parolees at large.

A Police Department in Los Angeles County uses Cogent's BlueCheck device to make two to three felony warrant arrests per week.

*"BlueCheck offers the flexibility that LACRIS needs to accommodate 48 law enforcement agencies within Los*

*Angeles County. It allows LACRIS to seamlessly deploy the mobile fingerprint devices within our existing infrastructure. Moreover, the ability to biometrically identify a subject in the field within seconds is a huge leap forward in improving the safety of our communities and our officers. We have numerous success stories where felons with long standing warrants were arrested because the patrolling officer used the Cogent BlueCheck to identify the subject," stated Lieutenant Leo Norton of the LASD.*

Today, Cogent is making a positive impact to the safety of law enforcement officials and ultimately citizens everywhere. Cogent is committed to make an even more valuable contribution to public safety. In the near future, Cogent's MobileID Solutions will have the ability to integrate with other biometric modalities, such as facial and iris recognition.

For more information on Cogent's MobileID Solution, please visit [www.cogentsystems.com](http://www.cogentsystems.com)

## Success Stories

Cogent's MobileID solution has proven to be a very effective tool for law enforcement officers. BlueCheck provides a very necessary means to identify criminals in the field. Consequently, many offenders have been arrested who would otherwise have remained free to roam our streets.

An officer in Fresno County, California made a traffic stop on a possible DUI driver when he was on his routine patrol duty. The subject gave a name and date of birth but did not have picture identification.

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1. Transmits subject's fingerprint images initiating search request.
2. MobileID Server re-routes the search request to the AFIS.
3. Fingerprint search performed against the AFIS database.
4. Search results transmitted back to mobile device(s).
5. Device(s) display search result with rap sheet and/or mugshot.