

**LOS ANGELES COUNTY  
SHERIFF'S DEPARTMENT**

**REQUEST FOR INFORMATION (RFI) - Project No. 376SH**

The Los Angeles County Sheriff's Department, Records and Identification Bureau, Los Angeles County Regional Identification System (LACRIS) is seeking input from the biometric community about innovative initiatives that will improve and accelerate the mobile capture of fingerprints and the transmission of data to a local Automated Fingerprint Identification System (AFIS). Collecting these concepts is an initial step in our process of identifying new and innovative methods in the mobile fingerprint identification arena. This idea-gathering phase includes obtaining input from State and Federal organizations also in the mobile identification field. This RFI provides an opportunity for respondents to submit their current and futuristic ideas within the mobile biometric/fingerprint field.

**BACKGROUND**

LACRIS is a leader in mobile fingerprint identification with its first pilot project being conducted in the year 2005. It consisted of mobile or portable devices obtaining fingerprints, transmitting the images to AFIS and receiving an identification in return. LACRIS considers the pilot a success although today it has been scaled down to obtaining two to four fingerprints with less data for an AFIS search and with most positive identifications returns in less than two minutes. This includes a previous photograph should the return be a hit notification.

In an effort to provide for strategic and coordinated planning in the area of mobile fingerprint identification, the LACRIS Manager has requested this RFI to better identify major opportunities in leading edge technology and is intended to be an "incubator space" for programs in mobile fingerprint identification.

**REQUEST FOR INFORMATION**

This RFI invites input and ideas on mobile fingerprint identification and associated software from the biometric community, State and Federal organizations. The input and ideas for a mobile device include but are not limited to:

- **Type of fingerprint capture device**
- **Type of fingerprint transmission device**
- **Methods of transmission**
- **Dimensions of device(s)**
- **Weight of devices (with and without battery power)**
  - ▶ **Consumption rate**
  - ▶ **Life and battery**
  - ▶ **Method and time of recharge**
- **Type and size of capture area (optics/capacitance/other)**
- **Type and size of display**
- **Ease of use by the operator**
- **Number of mobile devices needed to accomplish transmission and receive a response**

(i.e. all in one unit or capture and transmit device)

- **Hardware (backend)**

We invite interested parties to submit their views of current and futuristic mobile fingerprint identification devices. All concepts should meet or exceed PIV standards as listed in NIST Special Publication 800-73-1, Interfaces for Personal Identification Verification for scanner certifications.

Submissions should address the following criteria:

- Is the proposed initiative truly leading edge technology - could it dramatically affect how mobile identification is administered over the next decade?
- Will you provide your SDK (software development kit) to be used in a third party (or internally built) solution? There is a particular interest in applications (possible web) that may be able to support multiple fingerprint scanner devices from multiple vendors from a single application. Having the application auto detect the scanner type and utilize the appropriate SDK to access it makes the user interface a standard for training.
- Will the outcomes from the responses promote and advance the mobile fingerprint identification?
- Can your mobile fingerprint identification be implemented immediately?

In addition to these general criteria, LACRIS is interested in knowing whether the proposed solutions can be achieved within a one year time frame. The conclusion of this RFI may also take into consideration current technology, research, and with the intent of stimulating research in a new or fledgling area that will also meet the criteria stated above.

## **RESPONSES**

Responses will be accepted in person, by private messenger, delivery service and US Postal Service through **Friday, May 16, 2008, 5:00 pm Pacific Time.**

Los Angeles County Sheriff's Department  
Records & Identification Bureau, LACRIS  
12440 East Imperial Highway, Suite 400  
Norwalk, California 90650  
Attention: Lt. Leo Norton

Persons, groups and organizations interested in submitting ideas are invited to submit their responses stating both current and futuristic resolutions. Responses to this RFI shall become the exclusive property of the County. Responders should be aware that the information provided will be analyzed and may appear in various reports and/or requests, with the exception of those parts of each submission which meet the definition of "Trade Secret" in California, Evidence Code section 1061 and which are plainly marked as "Trade Secret" or "Proprietary."

The County shall not, in any way, be liable or responsible for the disclosure of any such record or any parts thereof, if disclosure is required or permitted under California Public Records Act or otherwise by law. A blanket statement of confidentiality or the marking of each page of the submission as confidential shall not be deemed sufficient notice of exception. The Responders

must specifically label only those provisions of the submission which are "Trade Secrets" or "Proprietary" in nature.

This is a request for information only, it is not a solicitation. Respondents to this RFI may be notified by the County of Los Angeles of a future Request for Proposal (RFP).

For questions or clarifications, please contact Lieutenant Leo Norton at (562) 345-4319. Please include your contact information for future correspondence.

Thank you for your interest in responding to this RFI.