

Electronic Fingerprint Services-Live Scan**FY2006 Request: \$465,000****Reference No: 39942****AP/AL:** Appropriation**Project Type:** Information Systems**Category:** Public Protection**Location:** Statewide**Contact:** Dan Spencer, Director, Administrative Services**House District:** Statewide (HD 1-40)**Contact Phone:** (907)465-5488**Estimated Project Dates:** 10/01/2005 - 09/30/2008**Brief Summary and Statement of Need:**

This project will replace six obsolete NEC LS-21 live scan fingerprinting systems and expand the program by two new live scan units. Live scan devices are network connected devices that capture fingerprint and photographic identification data at locations where the most people are required to submit to fingerprinting. This data is in a form to be rapidly shared with other agencies to quickly identify persons of interest including actual or suspected terrorists. The devices provide a means of capturing and sharing information critical to threat recognition and intervention.

Funding:	<u>FY2006</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>	<u>Total</u>
Bond Funds	\$465,000						\$465,000
Total:	\$465,000	\$0	\$0	\$0	\$0	\$0	\$465,000

<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
Totals:	0	0

Additional Information / Prior Funding History:

No prior funding.

Project Description/Justification:**Initiative/Project Summary**

A critical element of homeland security is the ability to rapidly and accurately identify individuals to determine if they are or are suspected of being involved in terrorism or are otherwise considered persons of interest relating national security. Use of modern identification technologies strategically located to capture the highest number of people is essential to the usefulness of this element of security.

The Department of Public Safety (DPS) must replace six obsolete NEC LS-21 live scan fingerprinting systems and expand the program by two new live scans. Live scan devices are network connected devices that capture fingerprint and photographic identification data at locations where they can be used on the most people required to submit to fingerprinting. This data is in a form to be rapidly shared with other agencies to quickly identify persons of interest including actual or suspected terrorists. The devices provide a means of capturing and sharing information critical to threat recognition and intervention.

Background

The existing systems, installed in 1998, are beyond their useful life spans, and will not be supported by the vendor after December 2005. This project will replace the live scan equipment currently located at the Anchorage Jail, Fairbanks Correctional Center, Mat Su Pre-Trial Facility, the Anchorage Courthouse, and the department's Criminal Records and Identification Bureau (R&I). A sixth live scan system is currently not in service.

This project will increase the number of booking locations processing fingerprints electronically, improving the turnaround time on the positive identification of arrested subjects. Alaska criminal justice agencies are required to submit fingerprints to the Central Repository (R&I) within five working days; this is nearly impossible if booking facilities must rely on the mail for delivery. This project will also include the replacement of the existing print server and printer located at the repository, and will include an interface between the live scan systems, the Alaska Public Safety Information Network (APSIN), and the Department of Corrections' Offender Tracking Information System (OTIS). This interface will eliminate redundant data entry by booking officers, thereby speeding identification of the individual, while reducing processing time and the chances of error.

Based on recent years' data, it is estimated that these live scan devices will provide the means to rapidly identify approximately 6,000 persons per instrument, per year.

Operational Excellence

Use of live scan devices increases the effectiveness of both Department of Corrections and Public Safety personnel in the positive identification of individuals. The use of these devices eliminates the need for redundant rolling of fingerprint cards, packaging and mailing the cards to a central site for identification, and waiting for a response that often comes well after the individual is out of custody. The automated transmission of fingerprint cards to the repository allows for the rapid identification of criminals prior to their release from custody, and increasing the likelihood of identifying a suspected terrorist before release rather than after.

Consequence of Failure

Failure to implement this project will require the Departments of Corrections and Public Safety to revert back to manual methods of identification processing when the current equipment and software are no longer supported by the vendor. Reverting back to manual processing will improve the likelihood that criminals are released from custody before positive fingerprint identification is made. Installing new, modern identification equipment in the current and additional locations is in the best interest of homeland security and public safety.

Impact and Results

The State of Alaska has been using live scan fingerprint capture devices in a limited capacity for over 10 years. This technology has long been accepted as the ideal method for fingerprint capture and transmission. The most recent installation of live scan devices in booking facilities began in 1998. The current operating system is OS/2 Warp, and will no longer be supported by the vendor after December 2005. Currently available live scan systems are now much more cost effective and offer the ability to capture and transmit fingerprint, demographic, and photographic images in one package. Transmission time for the submission of fingerprints has been reduced from days or weeks to minutes. Additionally, the Automated Fingerprint Identification System (AFIS) is now able to transmit fingerprint data to the Federal Bureau of Investigation (FBI). This new ability will reduce the processing time for criminal and civil fingerprint cards from weeks to hours.

Estimated Project Costs		Total	
8 Live scan instruments	\$25,000 @ piece		\$200,000.00
Print server / interface	\$25,000		\$ 25,000.00
Maintenance for years 2-5	\$60,000.00 @ year for the 8 live scans	Total for 4 years	\$240,000.00
Project Total			\$465,000.00