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#### **Rapid Identification (ID) Pilot Used During Roadside Stops**

The Florida Highway Patrol (FHP) is piloting the use of Rapid Identification technology. FHP is using mobile fingerprint capture devices to perform biometric verification during roadside stops. Fingerprints are submitted to the Rapid ID System, which accesses FCIC as well as NCIC. They are currently testing with five devices and are planning to add one more. To date, Rapid ID has proven to be a useful tool. The following stories exemplify how FHP is benefiting from this technology:

On September 22, 2007, an FHP officer monitoring the southbound lanes of I-75, observed a car traveling with its headlights off in the rain. The left rear side window appeared broken. Upon running the tag, the registration did not match the make or model of the vehicle. The officer pulled the vehicle over. The driver was not carrying identification, and he was unable to provide a registration for the vehicle or any insurance information.

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### FALCON Build 2A Status

FALCON Build 2A will form the foundation of the FALCON System and replace existing systems. FDLE selected Unisys Corporation, through a competitive bidding process, to design, develop, and implement FALCON Build 2A. The project is scheduled to be completed in fall of 2008.

In November 2007, Unisys presented their design concept for FALCON Build 2A. Unisys also demonstrated a working prototype of the system, which included key functionality of Build 2A (Watch List notification processing, arrest hit notification processing and support for user management of applicant submissions). The prototype demonstration gave FDLE confidence in both the design of the system and Unisys's ability to deliver Build 2A in the timeframe indicated. As the FALCON Project continues, Unisys will work with Motorola to integrate the new Biometric Identification System (BIS) with Build 2A.

FALCON Build 2A will provide many new features to our users. The system will allow for the systematic addition of new Rapid ID edge devices by courts and correction offices. These devices will allow for the biometric identification of a subject, the retrieval of the subject's criminal history information, retrieval of the subject's outstanding wants and warrants and the determination if DNA is on file for the subject. Build 2A will provide better tenprint matching and support for management of applicant fingerprint submissions. New, friendlier, user interfaces will also be supported.

### Biometric Workflow Replacement Status "Legacy AFIS Replacement"

FDLE recently finalized negotiations with Motorola to replace the legacy Automated Fingerprint Identification System (AFIS), and the contract was signed on December 28, 2007. The new system will modernize the current AFIS2000 System and provide an improved Biometric Identification System (BIS). Some of the features will include:

- **Improved Fingerprint Identification Service**
  - Searching both rolled fingerprints and slaps from the tenprint submission
- **Search without Add Service**
  - Providing identification when a booking isn't appropriate such as warrant verification, unknown deceased, identity theft verification, etc.
- **Improved Crime Scene Identification Service**
  - Enabling searching of every incident, in addition to composite images in the fingerprint master file
- **Palmprint capture, storage and searching of latent palms**
- **Image capture and storage of mugshots, scars, marks and tattoos**

## Featured Article

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When the officer was unable to verify the driver's information through DAVID, he utilized his Rapid ID System, and it came back with a HIT. The HIT returned a warrant for a robbery out of Sarasota County, Florida.

After validating the warrant through dispatch and checking the correct name through DAVID, the driver was placed under arrest. He spontaneously told the officer "It's finally over...I've been running for a long time."

In a different incident, on August 20, 2007, an FHP officer pulled over an individual whose name and date of birth matched someone who was wanted. The officer utilized his Rapid ID System and the response came back as a NO HIT. With a little research the officer discovered that the individual was the victim of identity theft. The actual wanted subject used this individual's name and date of birth during an arrest for a DUI and then failed to appear in court.

In this case, the use of Rapid ID prevented a false arrest situation and a potential lawsuit against the agency, plus it alerted an innocent individual that he was a victim of identity theft. The individual eventually cleared up the warrants in his name. The actual wanted person happened to be in jail on August 20<sup>th</sup> under his real name for other charges.

## Biometric Workflow Replacement Status "Legacy AFIS Replacement"

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- **Improved interface capability to enable non-proprietary livescan submissions**
- **Increased capacity and throughput**
  - The Biometric Master File will hold 7 million subject fingerprints; 6.5 million incident fingerprints (re-arrests); 9 million archived fingerprints (old arrests); 160 thousand cold case crime scene prints (fingers and palms); and provide a ten-fold reduction in response time.

These changes will affect all 67 sheriff's offices, 47 crime lab workstations, 5 Department of Corrections Reception Centers and 14 Juvenile Assessment Centers. The extent of the effect will be determined during the Planning and Preparation Phase of the contract which will commence in the spring.

All agencies should refer to CJIS Memorandum 2007-10 for information on the Biometric Workflow Replacement effort. For a list of frequently asked questions and answers, please refer to [www.falconichs.com](http://www.falconichs.com).

## DMS Contract Status

The Department of Management Services (DMS) worked with FDLE and representatives of local agencies to award a state contract to allow for the purchase and/or lease of Live Capture Electronic Fingerprint Scan Equipment. Local agencies using biometric technology will benefit through competitive pricing and flexibility in selecting equipment from multiple vendors. DMS awarded contracts to the following vendors: Identix, Motorola, Data Works Plus, Cross Match, and Sagem Morpho. Please refer to the DMS web site, contract number 680-370-07-1, for additional information <http://dms.myflorida.com/>.

Prior to selecting a vendor, local agencies will need to validate that the vendor has tested with FDLE to ensure FALCON compliance. FDLE updated the FALCON Interface Control Document (ICD), which provides the interface requirements to external and internal systems. This document is available on the FALCON web site.

FDLE plans to meet with the vendors in late January / early February 2008 to discuss the FALCON requirements.

FALCON's current Rapid ID Pilot program will transition into a full production system in the fall of 2008. All agencies should refer to CJIS Memorandums 2006-21 and 2007-02 for "refresher" information on the Rapid ID Pilot.

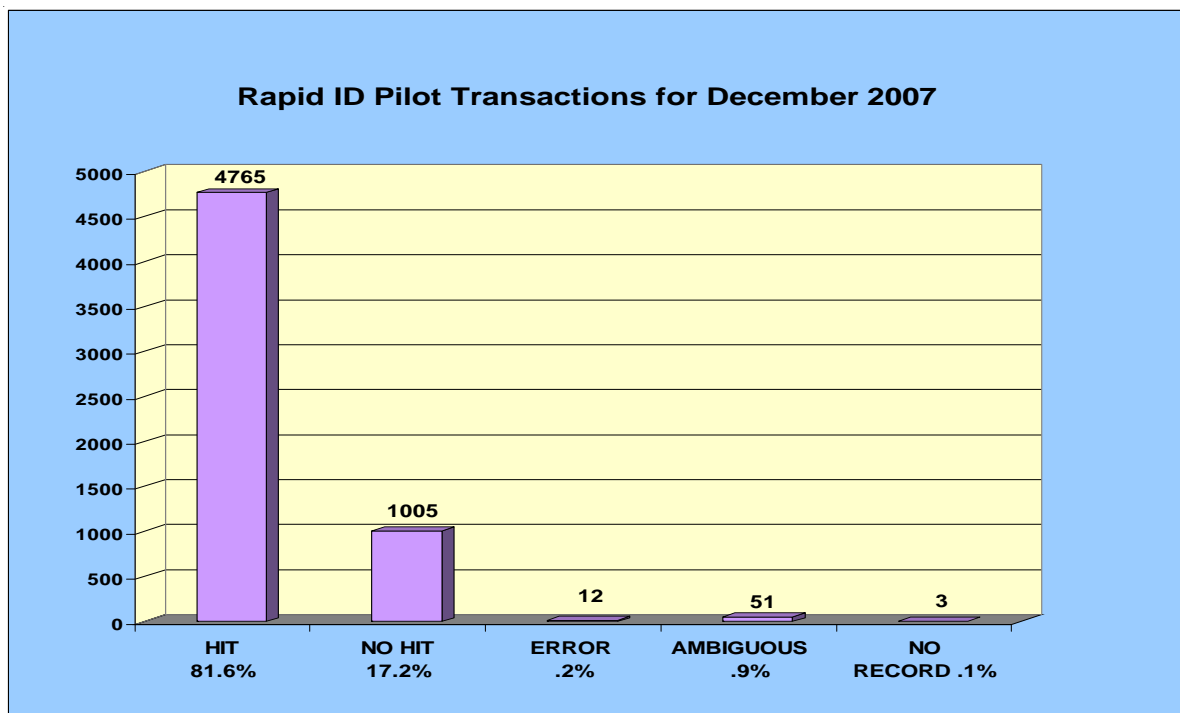
## Rapid ID Pilot Statistics

The Rapid ID Pilot is being used by sheriff's offices, probation officers, the Florida Highway Patrol and the Pinellas County Jail. Fingerprints from one or two fingers are captured, submitted and then compared to over 3 million subject records. The system checks for wants and warrants and returns the result in less than 1 minute.

The Rapid ID Pilot statistics listed below represent the transactions submitted during the month of December 2007. A total of 5,836 transactions were submitted, of which 4,765 resulted in a "HIT". A hit means the fingerprint matched an existing criminal record. A "no hit" may occur due to the quality of the fingerprint submitted or on record. An "ambiguous" response indicates more than one potential candidate exists in the Rapid ID database. A "no record" means that the DLE number submitted does not exist in the Rapid ID database, and an "error" response is returned anytime the system identifies a problem with the submission.

Search Transaction: Fingerprint submitted without demographic data

Match Transaction: Fingerprint submitted with State Identification number



## Frequently Asked Questions

The following is a list of Frequently Asked Questions (FAQ). These FAQs are available on the FALCON website ([www.falconichs.com](http://www.falconichs.com)) and will be updated as new questions arise.

1. What is the Biometric Workflow Replacement effort?

**Answer:** It is the replacement of the Automated Fingerprint Identification System 2000 (AFIS2000). The new system will modernize the current AFIS2000 System and provide an improved Biometric Identification System (BIS).

2. Will the Biometric Workflow Replacement effort affect our agency?

**Answer:** Every sheriff's office, DC, DJJ, and police department with a crime lab, will be affected. Each agency will undergo an in-depth analysis during the Planning and Preparation Phase. Planning and Preparation Phase timeline will be announced February/March 2008. Please identify key personnel in your agency that need to participate in the Planning and Preparation Phase and e-mail their contact information to [FloridaFalcon@fdle.state.fl.us](mailto:FloridaFalcon@fdle.state.fl.us).

## Frequently Asked Questions

3. Will the Biometric Workflow Replacement effort affect how our latent examiner workstation operates?

**Answer:** The software version used on the latent workstation may need an upgrade to work with the new Biometric Identification System (BIS). The new system will be implemented with BIS 10.x. Agencies with Omnitrak software will require an update. Agencies that have a BIS-compatible latent workstation may not need an upgrade. Each agency will undergo an in-depth analysis during the Planning and Preparation Phase. (*see question #2*).

4. Is a Motorola Latent Workstation required or can we use any latent workstation?

**Answer:** A Motorola Latent Workstation is not required but highly recommended to increase the probability for success. If a Motorola Latent Workstation is not used, the features cannot be manually encoded for search and must be auto-encoded by the Biometric Identification System (BIS). This leaves the opportunity open for false features being extracted. The BIS will accept an Latent Fingerprint Image Search (LFIS) transaction from a Universal Latent Workstation (ULW) for search.

5. Will the Biometric Workflow Replacement effort affect our livescans?

**Answer:** See Question #2 The LSS3000R, LSS3000U, and LSS4000 will need to be modified to communicate to the BIS.

6. Our agency uses a gateway to complete the Data Descriptor Completion Entry (DDCE) on our livescan transactions. Will we still use the gateway?

**Answer:** The 'gateway' will be decommissioned. It will not affect the livescan; however, to perform DDCE PC instead of the Livescan, Review Station software is required. Agencies may purchase Review Station Software licenses from Motorola. The minimum specifications required to run the Review Station Software will be published in a CJIS Memo.

7. Our agency uses a remote PC to complete the Data Descriptor Completion Entry (DDCE) on the gateway. Will we still be able to use the remote PC for DDCE completion while an inmate is being booked on the livescan? Will we need to purchase software?

**Answer:** The remote DDCE will not work as it did in the past since the 'gateway' is being decommissioned. To perform DDCE on a PC instead of the Livescan, Review Station Software is required. Agencies requiring additional licenses may purchase them from Motorola. (*see Question #2 – all agencies will undergo an in-depth analysis during the Planning and Preparation Phase. Your agency needs will be identified at this time.*)

8. Our agency performs Quality Control and Search Verification using a Verification Station, how will this change with the new Biometric Identification System (BIS)?

**Answer:** The Verification Stations will be decommissioned. Review Station Software is required to perform Quality Control and Search Verification. Agencies requiring Review Station licenses may purchase them from Motorola. The minimum specifications to run the Review Station Software will be published in a CJIS Memo. Each agency will undergo an in-depth analysis during the Planning and Preparation Phase of the contract.

## Links and Contact Information

**FALCON Website** [www.falconichs.com](http://www.falconichs.com)

**FALCON E-mail** [FloridaFalcon@fdle.state.fl.us](mailto:FloridaFalcon@fdle.state.fl.us)

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