

Iris Pilot Operations Report

No action is required. This report is provided for informational purposes to allow analysis of existing iris operations.

Facilities are determined using the submitted iris camera Make/Model/Serial number (MMS) and iris image source agency (SRC).

Two Iris Images vs. One Iris Image

FBI CJIS Division always recommends enrolling and searching both irises to avoid any "clean misses". For example, if only a right iris image is enrolled and a left iris image is searched, a non-match result will be returned even though the subject was enrolled in the iris database.

For each Type-17 Iris Record submitted there are three possible outcomes.

1. "GOOD" - The iris image was used for the enrollment or search.
2. "FAIL" - The iris image failed to pass quality checks and was not used in the enrollment or search.
3. "SKIP" - No iris image was submitted.

Response Times

Response times are measured from the time the Iris Pilot receives a submission to the time that a response leaves the Iris Pilot.

For iris enrollments submitted with tenprints there is additional time for tenprint processing before the irises are sent to the Iris Pilot.

Enrollment Report

Iris images can be enrolled with tenprints or as an update to an existing record. Both methods require two Type-17 Iris Image Records to be submitted. When an iris cannot be captured the reason can be indicated in the Type-17 record and no image is submitted.

Enrollments with tenprints allow 0-2 iris images to be submitted. Enrollments without tenprints require 1-2 iris images be submitted. Enrollments can either completely succeed (two iris images enrolled), completely fail (no iris images enrolled), or partially succeed (one iris image fails and one enrolls). Tenprint submissions with no iris images are considered "successful".

ENROLLMENT RESULTS BY FACILITY										
SRC	Facility	Avg. Time	Success	Iris Images Enrolled						Errors
				2	1	0				
CA0194100	LACRIS - Long Beach PD	1.24 s	375	100.0 %	375	0.0 %	0	0.0 %	0	8
CA0190050	LACRIS - Inmate Reception Center	1.24 s	117	100.0 %	117	0.0 %	0	0.0 %	0	0
CA0190053	LACRIS - ?	2.60 s	1	100.0 %	1	0.0 %	0	0.0 %	0	0
TOTAL	3	1.24 s	493	100.0 %	493	0.0 %	0	0.0 %	0	8

ENROLLMENT RESULTS BY CAMERA SERIAL										
SERIAL	Facility	Avg. Time	Success	Iris Images Enrolled						Errors
				2	1	0				
RB0531306353	LACRIS - Long Beach PD	1.12 s	170	100.0 %	170	0.0 %	0	0.0 %	0	7
RB0531306362	LACRIS - Long Beach PD	1.41 s	137	100.0 %	137	0.0 %	0	0.0 %	0	0
RB0531306365	LACRIS - Long Beach PD	1.18 s	68	100.0 %	68	0.0 %	0	0.0 %	0	1
RB0531306348	LACRIS - Inmate Reception Center	1.29 s	59	100.0 %	59	0.0 %	0	0.0 %	0	0
RB0531306342	LACRIS - Inmate Reception Center	1.20 s	58	100.0 %	58	0.0 %	0	0.0 %	0	0
RB0531306370	LACRIS - ?	2.60 s	1	100.0 %	1	0.0 %	0	0.0 %	0	0
TOTAL	6	1.24 s	493	100.0 %	493	0.0 %	0	0.0 %	0	8

Iris Images Submitted for Enrollment

IRIS IMAGES SUBMITTED FOR ENROLLMENT BY FACILITY													
SRC	Facility	Left Eye						Right Eye					
		GOOD		BAD		SKIP		GOOD		BAD		SKIP	
CA0194100	LACRIS - Long Beach PD	375	100.0 %	0	0.0 %	0	0.0 %	375	100.0 %	0	0.0 %	0	0.0 %
CA0190050	LACRIS - Inmate Reception Center	117	100.0 %	0	0.0 %	0	0.0 %	117	100.0 %	0	0.0 %	0	0.0 %
CA0190053	LACRIS - ?	1	100.0 %	0	0.0 %	0	0.0 %	1	100.0 %	0	0.0 %	0	0.0 %
TOTAL	3	493	100.0 %	0	0.0 %	0	0.0 %	493	100.0 %	0	0.0 %	0	0.0 %

IRIS IMAGES SUBMITTED FOR ENROLLMENT BY CAMERA SERIAL													
SERIAL	Facility	Left Eye						Right Eye					
		GOOD		BAD		SKIP		GOOD		BAD		SKIP	
RB0531306353	LACRIS - Long Beach PD	170	100.0 %	0	0.0 %	0	0.0 %	170	100.0 %	0	0.0 %	0	0.0 %
RB0531306362	LACRIS - Long Beach PD	137	100.0 %	0	0.0 %	0	0.0 %	137	100.0 %	0	0.0 %	0	0.0 %
RB0531306365	LACRIS - Long Beach PD	68	100.0 %	0	0.0 %	0	0.0 %	68	100.0 %	0	0.0 %	0	0.0 %
RB0531306348	LACRIS - Inmate Reception Center	59	100.0 %	0	0.0 %	0	0.0 %	59	100.0 %	0	0.0 %	0	0.0 %
RB0531306342	LACRIS - Inmate Reception Center	58	100.0 %	0	0.0 %	0	0.0 %	58	100.0 %	0	0.0 %	0	0.0 %
RB0531306370	LACRIS - ?	1	100.0 %	0	0.0 %	0	0.0 %	1	100.0 %	0	0.0 %	0	0.0 %
TOTAL	6	493	100.0 %	0	0.0 %	0	0.0 %	493	100.0 %	0	0.0 %	0	0.0 %

Enrollment Error Report

FBI CJIS Division recommends that errors are corrected to maximize the enrolled population and utility of the iris recognition services. The Iris Pilot began automated correction of most enrollment errors in mid-April 2015. Two common types of enrollment errors remain.

Missing Type-17 Iris Record

L0013 A general logic error was detected that is not currently defined. File contains an invalid number of Type-17 records.

This error is caused by submissions with more or less than two Type-17 iris records. See the Iris Pilot Technical Specifications for more details.

Templating Errors

IRP003 A template could not be created for the submitted image ELR: '1'.

This error is *almost* always caused by low-quality iris images.

Other Errors

These errors include duplicate submissions and other minor glitches. CJIS can provide additional information if needed.

ENROLLMENT ERRORS BY FACILITY					
SRC	Facility	Missing T-17 Errors	Templating Errors	Other	Total
CA0194100	LACRIS - Long Beach PD	8	0	0	8
TOTAL	1	8	0	0	8

ENROLLMENT ERRORS BY CAMERA SERIAL					
SERIAL	Facility	Missing T-17 Errors	Templating Errors	Other	Total
RB0531306353	LACRIS - Long Beach PD	7	0	0	7
RB0531306365	LACRIS - Long Beach PD	1	0	0	1
TOTAL	2	8	0	0	8

Identification Report

No identification searches were conducted during the reporting period.

Point of Contact

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