

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				
CA0330000	Riverside Sheriff's Office	1.12 s	3,907	99.7 %	3,894	0.3 %	13	0.0 %	0	335
CA0360034	SBCSO - West Valley Detention Center (Rancho Cucamonga)	1.09 s	3,007	99.5 %	2,993	0.5 %	14	0.0 %	0	277
CA0360000	SBCSO	8.12 s	2,709	99.3 %	2,690	0.7 %	19	0.0 %	0	6
CA0360030	SBCSO - Central Detention Center	1.05 s	1,329	99.5 %	1,322	0.5 %	7	0.0 %	0	126
CA0360037	SBCSO - High Desert Detention Center (Adelanto)	1.16 s	1,201	99.8 %	1,198	0.2 %	3	0.0 %	0	143
CA0194100	LACRIS - Long Beach PD	1.24 s	375	100.0 %	375	0.0 %	0	0.0 %	0	8
CA0360008	SBCSO - Barstow	1.22 s	225	98.7 %	222	1.3 %	3	0.0 %	0	17
CA0360009	SBCSO - Moronga	1.10 s	183	100.0 %	183	0.0 %	0	0.0 %	0	19
CA0190050	LACRIS - Inmate Reception Center	1.24 s	117	100.0 %	117	0.0 %	0	0.0 %	0	0
CA0360006	SBCSO - Big Bear	1.26 s	77	100.0 %	77	0.0 %	0	0.0 %	0	6
CA0360010	SBCSO - Colorado River	1.44 s	56	98.2 %	55	1.8 %	1	0.0 %	0	4
CA0190053	LACRIS - ?	2.60 s	1	100.0 %	1	0.0 %	0	0.0 %	0	0
TOTAL	12	2.46 s	13,187	99.5 %	13,127	0.5 %	60	0.0 %	0	941

ENROLLMENT RESULTS BY CAMERA SERIAL										
SERIAL	Facility	Avg. Time	Success	Iris Images Enrolled						Errors
				2	1	0				
-	UNKNOWN	3.13 s	8,787	99.5 %	8,740	0.5 %	47	0.0 %	0	598
PD214030000308-3812021	Riverside Sheriff's Office	1.13 s	1,332	99.9 %	1,331	0.1 %	1	0.0 %	0	67
PD214030000308-0912005	Riverside Sheriff's Office	1.15 s	1,072	99.3 %	1,064	0.7 %	8	0.0 %	0	98
PD214030000308-3812019	Riverside Sheriff's Office	1.14 s	623	99.7 %	621	0.3 %	2	0.0 %	0	36
PD214030000308-3612033	Riverside Sheriff's Office	1.06 s	553	99.6 %	551	0.4 %	2	0.0 %	0	122
PD214030000308-3812012	Riverside Sheriff's Office	1.02 s	325	100.0 %	325	0.0 %	0	0.0 %	0	12
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
PD214030000304-0912005	Riverside Sheriff's Office	0.53 s	2	100.0 %	2	0.0 %	0	0.0 %	0	0
RB0531306370	LACRIS - ?	2.60 s	1	100.0 %	1	0.0 %	0	0.0 %	0	0
TOTAL	13	2.46 s	13,187	99.5 %	13,127	0.5 %	60	0.0 %	0	941

Iris Images Submitted for Enrollment

IRIS IMAGES SUBMITTED FOR ENROLLMENT BY FACILITY													
SRC	Facility	Left Eye						Right Eye					
		GOOD		BAD		SKIP		GOOD		BAD		SKIP	
CA0330000	Riverside Sheriff's Office	3,901	99.8 %	6	0.2 %	0	0.0 %	3,900	99.8 %	7	0.2 %	0	0.0 %
CA0360034	SBCSO - West Valley Detention Center (Rancho Cucamonga)	2,999	99.7 %	8	0.3 %	0	0.0 %	3,001	99.8 %	6	0.2 %	0	0.0 %
CA0360000	SBCSO	2,698	99.6 %	11	0.4 %	0	0.0 %	2,701	99.7 %	8	0.3 %	0	0.0 %
CA0360030	SBCSO - Central Detention Center	1,325	99.7 %	4	0.3 %	0	0.0 %	1,326	99.8 %	3	0.2 %	0	0.0 %
CA0360037	SBCSO - High Desert Detention Center (Adelanto)	1,200	99.9 %	1	0.1 %	0	0.0 %	1,199	99.8 %	2	0.2 %	0	0.0 %
CA0194100	LACRIS - Long Beach PD	375	100.0 %	0	0.0 %	0	0.0 %	375	100.0 %	0	0.0 %	0	0.0 %
CA0360008	SBCSO - Barstow	225	100.0 %	0	0.0 %	0	0.0 %	222	98.7 %	3	1.3 %	0	0.0 %
CA0360009	SBCSO - Moronga	183	100.0 %	0	0.0 %	0	0.0 %	183	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 %
CA0360006	SBCSO - Big Bear	77	100.0 %	0	0.0 %	0	0.0 %	77	100.0 %	0	0.0 %	0	0.0 %
CA0360010	SBCSO - Colorado River	55	98.2 %	1	1.8 %	0	0.0 %	56	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	12	13,156	99.8 %	31	0.2 %	0	0.0 %	13,158	99.8 %	29	0.2 %	0	0.0 %

IRIS IMAGES SUBMITTED FOR ENROLLMENT BY CAMERA SERIAL													
SERIAL	Facility	Left Eye						Right Eye					
		GOOD		BAD		SKIP		GOOD		BAD		SKIP	
-	UNKNOWN	8,762	99.7 %	25	0.3 %	0	0.0 %	8,765	99.7 %	22	0.3 %	0	0.0 %
PD214030000308-3812021	Riverside Sheriff's Office	1,332	100.0 %	0	0.0 %	0	0.0 %	1,331	99.9 %	1	0.1 %	0	0.0 %
PD214030000308-0912005	Riverside Sheriff's Office	1,069	99.7 %	3	0.3 %	0	0.0 %	1,067	99.5 %	5	0.5 %	0	0.0 %
PD214030000308-3812019	Riverside Sheriff's Office	621	99.7 %	2	0.3 %	0	0.0 %	623	100.0 %	0	0.0 %	0	0.0 %
PD214030000308-3612033	Riverside Sheriff's Office	552	99.8 %	1	0.2 %	0	0.0 %	552	99.8 %	1	0.2 %	0	0.0 %
PD214030000308-3812012	Riverside Sheriff's Office	325	100.0 %	0	0.0 %	0	0.0 %	325	100.0 %	0	0.0 %	0	0.0 %
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 %
PD214030000304-0912005	Riverside Sheriff's Office	2	100.0 %	0	0.0 %	0	0.0 %	2	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	13	13,156	99.8 %	31	0.2 %	0	0.0 %	13,158	99.8 %	29	0.2 %	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
CA0330000	Riverside Sheriff's Office	285	24	1	310
CA0360034	SBCSO - West Valley Detention Center (Rancho Cucamonga)	277	0	0	277
CA0360037	SBCSO - High Desert Detention Center (Adelanto)	143	0	0	143
CA0360030	SBCSO - Central Detention Center	126	0	0	126
CA0360009	SBCSO - Moronga	19	0	0	19
CA0360008	SBCSO - Barstow	15	1	0	16
CA0194100	LACRIS - Long Beach PD	8	0	0	8
CA0360006	SBCSO - Big Bear	6	0	0	6
CA0360000	SBCSO	0	1	4	5
CA0360010	SBCSO - Colorado River	4	0	0	4
TOTAL	10	883	26	5	914

ENROLLMENT ERRORS BY CAMERA SERIAL					
SERIAL	Facility	Missing T-17 Errors	Templating Errors	Other	Total
-	UNKNOWN	590	2	4	596
PD214030000308-3612033	Riverside Sheriff's Office	116	3	0	119
PD214030000308-0912005	Riverside Sheriff's Office	86	6	0	92
PD214030000308-3812021	Riverside Sheriff's Office	41	12	1	54
PD214030000308-3812019	Riverside Sheriff's Office	30	3	0	33
PD214030000308-3812012	Riverside Sheriff's Office	12	0	0	12
RB0531306353	LACRIS - Long Beach PD	7	0	0	7
RB0531306365	LACRIS - Long Beach PD	1	0	0	1
TOTAL	8	883	26	5	914

Identification Report

No identification searches were conducted during the reporting period.

Point of Contact

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