

# 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
<b>TOTAL</b>	<b>1</b>	<b>1.12 s</b>	<b>3,907</b>	<b>99.7 %</b>	<b>3,894</b>	<b>0.3 %</b>	<b>13</b>	<b>0.0 %</b>	<b>0</b>	<b>335</b>

ENROLLMENT RESULTS BY CAMERA SERIAL										
SERIAL	Facility	Avg. Time	Success	Iris Images Enrolled						Errors
				2		1		0		
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
PD214030000304-0912005	Riverside Sheriff's Office	0.53 s	2	100.0 %	2	0.0 %	0	0.0 %	0	0
<b>TOTAL</b>	<b>6</b>	<b>1.12 s</b>	<b>3,907</b>	<b>99.7 %</b>	<b>3,894</b>	<b>0.3 %</b>	<b>13</b>	<b>0.0 %</b>	<b>0</b>	<b>335</b>

## 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 %
<b>TOTAL</b>	<b>1</b>	<b>3,901</b>	<b>99.8 %</b>	<b>6</b>	<b>0.2 %</b>	<b>0</b>	<b>0.0 %</b>	<b>3,900</b>	<b>99.8 %</b>	<b>7</b>	<b>0.2 %</b>	<b>0</b>	<b>0.0 %</b>

IRIS IMAGES SUBMITTED FOR ENROLLMENT BY CAMERA SERIAL													
SERIAL	Facility	Left Eye						Right Eye					
		GOOD		BAD		SKIP		GOOD		BAD		SKIP	
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 %
PD214030000304-0912005	Riverside Sheriff's Office	2	100.0 %	0	0.0 %	0	0.0 %	2	100.0 %	0	0.0 %	0	0.0 %
<b>TOTAL</b>	<b>6</b>	<b>3,901</b>	<b>99.8 %</b>	<b>6</b>	<b>0.2 %</b>	<b>0</b>	<b>0.0 %</b>	<b>3,900</b>	<b>99.8 %</b>	<b>7</b>	<b>0.2 %</b>	<b>0</b>	<b>0.0 %</b>

## 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
TOTAL	1	285	24	1	310

ENROLLMENT ERRORS BY CAMERA SERIAL					
SERIAL	Facility	Missing T-17 Errors	Templating Errors	Other	Total
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
TOTAL	5	285	24	1	310

## Identification Report

No identification searches were conducted during the reporting period.

### Point of Contact

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