

Iris Pilot Operations Report

Riverside County Sheriff's Department (RCSD)

Additional explanations and contact information are located at the end of this report.

Report Summary

The summary numbers include bulk enrollments and error transactions that have been fixed. Expunged records are not included.

Operations Summary									
Date	Enrollments				Searches				
	Avg. Time	Success	Errors	Total	Avg. Time	Success	Errors	Total	
						Match	Non-Match		
2016 - February	0.6 s	3,630	347	3,977	-	0	0	0	0
2016 - January	0.6 s	3,972	369	4,341	-	0	0	0	0
Monthly average for each year takes into account partial years but not partial months.									
2016 Monthly Avg.	0.6 s	3,801.0	358.0	4,159.0	-	0.0	0.0	0.0	0.0
2015 Monthly Avg.	0.6 s	3,616.8	300.3	3,917.1	-	0.0	0.0	0.0	0.0
Yearly summaries include information from each year of operation with partial information for the current year.									
2016 Summary	-	7,602	716	8,318	-	0	0	0	0
2015 Summary	-	39,785	3,303	43,088	-	0	0	0	0
Total	-	47,387	4,019	51,406	-	0	0	0	0

Summary of Notable Items		
	Location	Message
A	RCSO	ENROLL: High percentage errors (21.3%)
B	RCSO	ENROLL: High percentage errors (5.4%)
C	RCSO	ENROLL: High percentage errors (9.0%)
Some issues are mentioned both at a high level and then as root causes. For example, a location may be listed for high percent of enrollments with no eyes enrolled. It may also be listed for a large number of low-quality right eyes and skipped capture of left eyes.		

Iris Enrollments

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".

Camera Serial	Location	Successful Enrollments						Errors	Total	
		2 Eyes		1 Eye		0 Eyes		Subtotal	Subtotal	
PD214030000308-3812021	RCSO	1,234	100.0 %	0	0.0 %	0	0.0 %	1,234	70	1,304
PD214030000308-0912005	RCSO	932	99.7 %	3	0.3 %	0	0.0 %	935	93	1,028
PD214030000308-3812019	RCSO	609	100.0 %	0	0.0 %	0	0.0 %	609	27	636
PD214030000308-3612033	RCSO	547	100.0 %	0	0.0 %	0	0.0 %	547	148	695
PD214030000308-3812012	RCSO	305	100.0 %	0	0.0 %	0	0.0 %	305	9	314
TOTAL	5	3,627	99.9 %	3	0.1 %	0	0.0 %	3,630	347	3,977

Iris Images Submitted for Enrollment

High numbers of bad or skipped images may indicate a defective camera, poor lighting, or software issues.

Camera Serial	Location	Left Eye						Right Eye					
		GOOD		BAD		SKIP		GOOD		BAD		SKIP	
PD214030000308-3812021	RCSO	1,234	100.0 %	0	0.0 %	0	0.0 %	1,234	100.0 %	0	0.0 %	0	0.0 %
PD214030000308-0912005	RCSO	934	99.9 %	1	0.1 %	0	0.0 %	933	99.8 %	2	0.2 %	0	0.0 %
PD214030000308-3812019	RCSO	609	100.0 %	0	0.0 %	0	0.0 %	609	100.0 %	0	0.0 %	0	0.0 %
PD214030000308-3612033	RCSO	547	100.0 %	0	0.0 %	0	0.0 %	547	100.0 %	0	0.0 %	0	0.0 %
PD214030000308-3812012	RCSO	305	100.0 %	0	0.0 %	0	0.0 %	305	100.0 %	0	0.0 %	0	0.0 %
TOTAL	5	3,629	100.0 %	1	0.0 %	0	0.0 %	3,628	99.9 %	2	0.1 %	0	0.0 %

Delayed Submissions

The submission creation date is compared to the date received at FBI CJIS Division. Differences may indicate connectivity issues.

Camera Serial	Location	Min. Days	Avg. Days	Max. Days	Total: Delayed	Total: All
There were no delayed ENROLL for the reporting period.						

Iris Enrollment Errors

Submissions may contain multiple errors. Descriptions of error types can be found at the end of this report.

Camera Serial	Location	Missing T-17 Errors	Templating Errors	Other	Total
PD214030000308-3612033	RCSO	140	8	0	148
PD214030000308-0912005	RCSO	70	22	1	93
PD214030000308-3812021	RCSO	52	18	0	70
PD214030000308-3812019	RCSO	22	4	1	27
PD214030000308-3812012	RCSO	9	0	0	9
TOTAL	5	293	52	2	347

Identification Report

No identification search information is included in this report.

Additional Information

Agency, Facility, Location, and Serial Number

Locations are determined using the submitted iris camera Make/Model/Serial number (MMS) and iris image source agency (SRC) with a list of corresponding locations provided by the local or state agency. Please provide updates as needed.

Error Types

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 Tech. Spec.](#) for 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. Beginning in April 2015, most minor issues are automatically corrected on submissions. CJIS can provide additional information if needed.

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 that is not included in this report.

Bulk submissions are not included in average times.

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

Contact Information

	Name	Title	Phone	Email
Iris Pilot Manager	Nick Megna	Unit Chief	(304) 625-2767	nicky.megna@ic.fbi.gov
Iris Pilot Task Lead	Justin Smith	Supervisory IT Specialist	(304) 625-5333	justin.smith@ic.fbi.gov
Monthly Reports	Mark Reid	Management & Program Analyst	(304) 625-4070	mark.reid@ic.fbi.gov
Agency Contact	Chad Rhoades	Management & Program Analyst	(304) 625-4863	jason.rhoades@ic.fbi.gov

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