



CWCS
INTERFACE CONTROL DOCUMENT
Florida Department of Law Enforcement

Reference Number: ICD3-FL-FDLE
Release Version: 1.1
Release Date: October 18, 2023

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Revision History

| Version | Date | Description | Author |
|---------|------------------|---|--------|
| 1.0 | October 10, 2023 | Document Creation | PWS |
| 1.1 | October 18, 2023 | Section 2.1.1: Updated submission names. Section 2.3.2: Changed 2.067 to optional. Removed fields 2.566, 2.567, 2.568, 2.630, and 2.632. Added 2.576 and 2.577 to SRC. Section 2.3.3: Changed 2.014 to FBI Number/UCN. Changed 2.2015, 2.2065, and 2.2071 to optional for MAP and NFUF. | PWS |
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1 Introduction

1.1 Purpose

This document provides the system interface controls and description for the Florida Department of Law Enforcement (FDLE) Multi-Biometric Identification Solution (MBIS) and the Civil Workflow Control System (CWCS).

1.2 Reference Documents

1. MBIS Requirements Definition Document Florida Department of Law Enforcement (FDLE), RDD-FL-FDLE
2. MBIS Data Dictionary Florida Department of Law Enforcement (FDLE), DD-FL-FDLE
3. FBI Electronic Biometric Transmission Specification (EBTS), Version 11.1 November 17, 2022
4. American National Standard for Information Systems – Data Format for the Interchange of Fingerprint, Facial, & Scar Mark & Tattoo (SMT) Information, National Institute of Standards and Technology (NIST) Document ANSI/NIST-ITL 1-2011 Update: 2015

2 Interface Specifications

This section describes the messaging protocol and transaction definitions for the interface between the CWCS and the FDLE MBIS.

2.1 Transactions

The following sections show the interface transactions.

2.1.1 MBIS to CWCS

MBIS sends the following submissions to CWCS after receiving the applicant Livescan or MBIS Card Capture (MCC) transaction. Refer to the Data Dictionary LS MAP / LS NFUF columns for the transaction definitions.

| Submission | TOT | NIST Type | Response |
|--------------------------------|------|-----------|----------|
| Miscellaneous Applicant Civil | MAP | 1,2,4 | None |
| Non-Federal Applicant User Fee | NFUF | 1,2,4 | None |

2.1.2 CWCS to MBIS

CWCS sends the CIVS submission to MBIS after receiving a MAP or NFUF from MBIS. CWCS sends the NCVS submission to MBIS in the Applicant Name Candidate Verification Workflow. MBIS returns the responses.

| Submission | TOT | NIST Type | Response | TOT | NIST Type |
|-------------------------------------|------|-----------|---|------|-----------|
| Civil Search Request | CIVS | 1,2,4 | Search Results Candidates | SRC | 1,2 |
| | | | Tenprint Transaction Error | ERRC | 1,2 |
| Name Candidate Verification Request | NCVS | 1,2,4 | Name Candidate Verification Results | SRNC | 1,2 |
| | | | Name Candidate Verification Not Found Error | SRNE | 1,2 |
| | | | Tenprint Transaction Error | ERRC | 1,2 |

2.1.3 CWCS to FBI

CWCS sends the following submissions to the FBI via MBIS. MBIS returns the FBI responses to the CWCS. Refer to the FBI EBTS for the transaction descriptor definitions.

| Submission | TOT | NIST Type | Response | TOT | NIST Type |
|--|--------|-----------|----------------------------------|------|-----------|
| Miscellaneous Applicant Civil | MAP | 1,2,4 | Submission Results – Electronic | SRE | 1,2 |
| | | | Tenprint Transaction Error | ERRT | 1,2 |
| Non-Federal Applicant User Fee | NFUF | 1,2,4 | Submission Results – Electronic | SRE | 1,2 |
| | | | Tenprint Transaction Error | ERRT | 1,2 |
| Rap Back Subsequent Subscription Request - Civil | RBSCVL | 1,2 | Rap Back Subscription Response | RBSR | 1,2 |
| | | | Administrative Transaction Error | ERRA | 1,2 |

2.2 Protocol

The interface exchanges transactions in NIST format via Simple Mail Transfer Protocol (SMTP) and Post Office Protocol 3 (POP3) / Internet Message Access Protocol (IMAP4) for responses.

2.2.1 Production Email Addresses

Submission email address: applicant_submission@fdleems000.flcjn.net

Response email address: applicant_response@fdleems000.flcjn.net

2.2.2 Test Email Addresses

Submission email address: applicant_submission_test@fdleems000.flcjn.net

Response email address: applicant_response_test@fdleems000.flcjn.net

2.3 Transaction Definitions

This section provides the Type-2 transaction definitions.

2.3.1 MBIS to CWCS

Refer to the Data Dictionary, Tenprint Descriptor Table, for the applicant MAP and NFUF submission definitions initiated by MBIS.

2.3.2 CWCS to MBIS

The following table shows the submission transaction definitions initiated by CWCS and the associated responses returned by MBIS.

| Column Name | Description |
|--------------|--|
| Field Number | NIST numbering of the field. |
| Field Name | A brief description of the field contents. |
| Table | M = Mandatory, O = Optional |
| CIVS | Civil Search Request fields |
| SRC | Search Results Candidates response fields. |
| NCVS | Name Candidate Verification Request fields. |
| SRNC | Name Candidate Verification Results response fields. |
| SRNE | Name Candidate Verification Not Found Error response fields. |
| ERRC | Tenprint Transaction Error response fields. |

| Field Num | Field Name | CIVS | SRC | NCVS | SRNC | SRNE | ERRC |
|-----------|-----------------------------------|------|-----|------|------|------|------|
| 2.005 | Retention Code | M | | M | | | |
| 2.006 | Attention Indicator | O | | O | | | O |
| 2.007 | Send Copy To | O | | O | | | |
| 2.009 | Incident ID | M | M | M | M | M | M |
| 2.014 | FBI Number | O | | O | | | |
| 2.015 | Person ID/State ID/DLE Number/FID | O | O | O | M | M | |
| 2.016 | Social Security Number | O | | O | | | |
| 2.017 | Miscellaneous Number | O | | O | | | |
| 2.018 | Name | M | | M | | | M |
| 2.019 | Aliases | O | | O | | | |
| 2.020 | Place of Birth | M | | M | | | |
| 2.021 | Country of Citizenship | O | | O | | | |
| 2.022 | Date of Birth | M | | M | | | |
| 2.024 | Sex | M | | M | | | |
| 2.025 | Race | M | | M | | | |
| 2.027 | Height | M | | M | | | |
| 2.029 | Weight | M | | M | | | |
| 2.031 | Eye Color | M | | M | | | |
| 2.032 | Hair Color | M | | M | | | |
| 2.037 | Reason Fingerprinted | M | | M | | | |
| 2.038 | Date Printed | M | | M | | | |
| 2.039 | Employer and Address | O | | O | | | |
| 2.040 | Occupation | O | | O | | | |
| 2.041 | Residence of Person Fingerprinted | O | | O | | | |
| 2.043 | Type of Search Requested | O | | O | | | |
| 2.060 | Status/Error Message | | | | | M | M |
| 2.067 | Image Processing | O | | O | | | |
| A | Make | O | | O | | | |
| B | Model | O | | O | | | |
| C | Serial Number | -- | | -- | | | |
| 2.070 | Request for Criminal History | O | | O | | | |
| 2.073 | Controlling Agency Identifier | M | | M | | | M |
| 2.084 | Special Fingers | O | | O | | | |
| A | Finger Number | O | | O | | | |
| B | Finger Code | O | | O | | | |
| 2.576 | Reel | | | O | | | |
| 2.577 | Frame | | | O | | | |
| 2.627 | Search Result | | M | | M | | |

2.3.3 CWCS to FBI

The following table defines the submission transaction definitions initiated by CWCS to the FBI via MBIS and the associated FBI responses returned by MBIS to CWCS.

| Column Name | Description |
|--------------|---|
| Field Number | NIST numbering of the field. |
| Field Name | A brief description of the field contents. |
| Table | M = Mandatory, O = Optional |
| MAP | FBI MAP Request fields (pass-through). |
| NFUF | FBI NFUF Request fields (pass-through). |
| SRE | FBI Submission Results – Electronic fields (pass-through). |
| ERRT | FBI Tenprint Transaction Error fields (pass-through). |
| RBSCVL | FBI Rap Back Subsequent Subscription Request – Civil fields (pass-through). |
| RBSR | FBI Rap Back Subscription Response fields (pass-through). |
| ERRA | FBI Administrative Transaction Error fields (pass-through). |

| Field Num | Field Name | MAP | NFUF | SRE | ERRT | RBSCVL | RBSR | ERRA |
|-----------|------------------------|-----|------|-----|------|--------|------|------|
| 2.005 | Retention Code | M | M | | | | | |
| 2.006 | Attention Indicator | O | O | O | O | O | O | O |
| 2.007 | Send Copy To | O | O | O | O | O | O | O |
| 2.009 | Incident ID | O | O | O | O | | O | |
| 2.014 | FBI Number/UCN | O | O | O | O | M | M | |
| 2.015 | State ID | O | O | O | O | | | |
| 2.016 | Social Security Number | O | O | | | | | |
| 2.017 | Miscellaneous Number | O | O | | O | | | |
| 2.018 | Name | M | M | M | | M | M | |
| 2.019 | Aliases | O | O | | | | | |
| 2.020 | Place of Birth | M | M | | | | | |
| 2.021 | Country of Citizenship | O | O | | | | | |
| 2.022 | Date of Birth | M | M | | | M | M | |
| 2.024 | Sex | M | M | | | | | |
| 2.025 | Race | M | M | | | | | |
| 2.026 | Scars, Marks & Tattoos | O | O | | | | | |

| Field Num | Field Name | MAP | NFUF | SRE | ERRT | RBSCVL | RBSR | ERRA |
|-----------|-----------------------------------|-----|------|-----|------|--------|------|------|
| 2.027 | Height | M | M | | | | | |
| 2.029 | Weight | M | M | | | | | |
| 2.031 | Eye Color | M | M | | | | | |
| 2.032 | Hair Color | M | M | | | | | |
| 2.037 | Reason Fingerprinted | M | M | | | | | |
| 2.038 | Date Printed | M | M | | | O | | |
| 2.039 | Employer and Address | O | O | O | | | | |
| 2.040 | Occupation | O | O | O | | | | |
| 2.041 | Residence of Person Fingerprinted | O | O | O | | | | |
| 2.043 | Type of Search Requested | | O | | | | | |
| 2.059 | Search Results Findings | | | M | | | | |
| 2.060 | Status/Error Message | | | O | O | | O | M |
| 2.067 | Image Processing | O | O | | | | | |
| A | Make | O | O | | | | | |
| B | Model | O | O | | | | | |
| C | Serial Number | O | O | | | | | |
| 2.070 | Request for Criminal History | O | O | | | | | |
| 2.073 | Controlling Agency Identifier | M | M | M | O | O | O | O |
| 2.075 | Electronic Rapsheet | | | O | | | O | |
| 2.084 | Special Fingers | O | O | | | O | | |
| A | Finger Number | O | O | | | O | | |
| B | Finger Code | O | O | | | O | | |
| 2.087 | Treat As Adult | | | O | | | | |
| 2.2007 | Submitted Date of Birth | | | O | M | | | |
| 2.2008 | Submitted Name | | | O | M | | | |
| 2.2015 | Rap Back Expiration Date | O | O | O | | M | M | |
| 2.2020 | Rap Back Recipient | O | O | O | | O | O | |
| 2.2031 | Biometric Image Available | | | O | | | | |
| 2.2035 | Event Identifier | | | O | | O | O | |
| 2.2037 | External Subject Identifier | O | O | O | | | | |
| 2.2040 | Rap Back Trigger | O | O | O | | O | M | |
| 2.2048 | Rap Back Subscription Identifier | | | O | | | M | |
| 2.2049 | Rap Back Term Date | | | O | | | O | |
| 2.2054 | Rap Back Subscription Date | | | O | | | M | |
| 2.2061 | Biometric Image Enrollment | | | O | | | | |

| Field Num | Field Name | MAP | NFUF | SRE | ERRT | RBSCVL | RBSR | ERRA |
|-----------|---------------------------------------|-----|------|-----|------|--------|------|------|
| A | Biometric Set Identifier | | | O | | | | |
| B | Image Type | | | O | | | | |
| C | Subject Pose | | | O | | | | |
| D | Scars, Marks, and Tattoos | | | O | | | | |
| 2.2062 | Rap Back Activity Notification Format | O | O | O | | M | M | |
| 2.2063 | Rap Back Opt Out In-State Indicator | O | O | O | | O | M | |
| 2.2064 | Rap Back User Defined | O | O | O | | O | O | |
| A | Rap Back Field Name | O | O | O | | O | O | |
| B | Rap Back Field Text | O | O | O | | O | O | |
| 2.2065 | Rap Back Category | O | O | O | | M | M | |
| 2.2067 | Rap Back Disclosure Indicator | | | O | | | O | |
| 2.2070 | Rap Back Attention Indicator | O | O | O | | O | O | |
| 2.2071 | Rap Back Subscription Term | O | O | O | | O | O | |

Appendix A - Fields No Longer Used

Request Photo Record

The previous FDLE-Rap Back ICD included the 2.096 Request Photo Record in the MAP and NFUF transactions for FBI submission. FDLE has determined that this field is no longer needed.

Name of Designated Repository

The previous FDLE-Rap Back ICD included the 2.098 Name of Designated Repository in the MAP and NFUF transactions for FBI submission. FDLE has determined that this field is no longer needed.