



FALCON Applicant, Rap Back, Rapid ID INTERFACE CONTROL DOCUMENT

Florida Department of Law Enforcement

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Revision History

Version	Date	Description
1.0	September 14, 2023	Document Creation
1.1	September 22, 2023	Section 1.2: Updated reference documents. Section 2.4.1: Removed slap fingerprints (s1-s10). Section 2.5.1: Removed 2.009 Incident ID and 2.630 Record Type. Section 2.5.4: Added mandatory/optional for multiple hit SRMs. Updated Search Result and Incident ID field names. Section 4.1: Updated response transactions and added TOTs. Section 4.3.1: Updated submissions table. Section 4.3.2: Updated responses table.
1.2	May 22, 2024	Sections 3: Replaced the RBSCRM transaction with RBSCVL.
<u>1.3</u>	<u>September 03, 2024</u>	<u>Section 2.5.13.1: Updated ASRCAC responses for Multi App Hits below tags:</u> <u><HitId></u> <u><AllHitSID></u>

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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 FALCON Retained Applicants, Rap Back, and Rapid ID systems.

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. FALCON Interface Control Document (Rapid ID Edge Devices), Version 2.43, September 23, 2011
4. FBI Electronic Biometric Transmission Specification (EBTS), Version 11.1, November 17, 2022
5. 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

1.3 Overview

This ICD includes the following interfaces:

- FALCON Retained Applicants
- FALCON Rap Back
- FALCON Rapid ID

2 FALCON Retained Applicants

This section describes the messaging protocol and transaction definitions for the interface between the FALCON Retained Applicants system and the FDLE MBIS.

2.1 Transactions

The following table shows the interface transactions sent between the FALCON and the FDLE MBIS.

Submission	TOT	Data Types	Origin	Response	TOT	Data Type
Tenprint Applicant Search with Add*	ASRCAR	Descriptors Fingerprints	FALCON	Tenprint Applicant Search with Add Error	ASRCAE	Descriptors
				Tenprint Applicant Search with Add Complete	ASRCAC	Descriptors
Delete Record	DELR	Descriptors	FALCON	Delete Error	DELE	Descriptors
				Delete Complete	DELC	Descriptors
Merge Record	MRGR	Descriptors	FALCON	Merge Error	MRGE	Descriptors
				Merge Complete	MRGC	Descriptors
Change ID	CHIDR	Descriptors	FALCON	Change ID Error	CHIDE	Descriptors
				Change ID Complete	CHIDC	Descriptors
FALCON ID Request	FIDR	Descriptors	FALCON	FALCON ID Complete	FIDC	Descriptors
--	--	--	MBIS	Search Results Message	SRM	Descriptors

*Note: The Tenprint Applicant Search with Add transaction will be modified to include applicant descriptor data.

2.2 Message Protocol

The interface exchanges transactions in Java Archive (JAR) format via Simple Mail Transfer Protocol (SMTP).

2.3 ID Numbers

The MBIS DES will perform the following:

- MBIS removes the “F” or “FM” suffix from FIDs sent to FALCON and adds the “F” suffix when receiving FIDs from FALCON. The Master FID is used for the MBIS Applicant Person ID.
- MBIS removes the “F” or “FM” suffix from FALCON Transaction IDs sent to FALCON and adds the “F” suffix when receiving FALCON Transaction IDs from FALCON. The FALCON Transaction ID is used for the MBIS Applicant Incident ID.
- If any MBIS to FALCON transaction includes a Person ID that is not 8 numeric digits, the system will remove the MBIS Person ID from the response.

2.4 JAR Files

2.4.1 JAR File Contents

The request and response JAR files are contained inline as a JAR object. The contents of the JAR file depends on the type of message and the workflow associated with the message. The following table defines the naming conventions of the objects contained within the request and response JAR object.

File Description	Filename
Descriptors	descriptors.xml
Finger 1 – Rolled Right Thumb	f1.wsq
Finger 2 – Rolled Right Index	f2.wsq
Finger 3 – Rolled Right Middle	f3.wsq
Finger 4 – Rolled Right Ring	f4.wsq
Finger 5 – Rolled Right Little	f5.wsq
Finger 6 – Rolled Left Thumb	f6.wsq
Finger 7 – Rolled Left Index	f7.wsq
Finger 8 – Rolled Left Middle	f8.wsq
Finger 9 – Rolled Left Ring	f9.wsq
Finger 10 – Rolled Left Little	f10.wsq
Right Four Finger Slaps	f11.wsq
Left Four Finger Slaps	f12.wsq
Right Thumb Slap	f13.wsq
Left Thumb Slap	f14.wsq

2.4.2 Descriptors

The MBIS database descriptors will be created in XML and saved as a “descriptors.xml” file in the JAR. The XML root tag is “descriptors.” The following is an example of the descriptor data string format:

```
<descriptors>
  <Id>10000004</Id>
  <PersonId>123456790</PersonId>
  <Sex>M</Sex>
  <Race>W</Race>
  <Exemptions>
    <Group>
      <V1>03</V1>
      <V2>XX</V2>
    </Group>
    <Group>
      <V1>05</V1>
      <V2>UP</V2>
    </Group>
  </Exemptions>
</descriptors>
```

2.4.3 MBIS Descriptor Subfield Format

The descriptors shall use the MBIS definition of subfields. Here are some examples on how to convert between XML and NIST formats for the three different types of descriptors: single, multi-value and record.

2.4.4 Single Value Descriptors

A single value type field will only contain one value. It shall never contain more than one value.

NIST Field:

2.024:**M**<GS>

XML Data:

<Sex>**M**</Sex>

2.4.5 Multi-Value Descriptors

A multi-value type field will contain multiple instances of one subfield. This type of format is different than a record type field in that the record separator is not used in the NIST formatting, but the XML data is formatted the same for both multi-value and record type fields.

NIST field:

2.015:**0000000001**<US>**0000000002**<GS>

Converts to XML data:

```
<HitID>
  <Group>
    <V1>0000000001</V1>
  </Group>
  <Group>
    <V1>0000000002</V1>
  </Group>
</HitID>
```

2.4.6 Record Descriptors

A record type field will contain multiple instances of one or more subfields. This field is different than a multi-value type descriptor in that the record separator is used in the NIST formatting and the record may have more than one subfield.

NIST field:

2.084:**03**<US>**XX**<RS>**05**<US>**UP**<GS>

Converts to XML data:

```
<Exemptions>
  <Group>
    <V1>03</V1>
    <V2>XX</V2>
  </Group>
  <Group>
    <V1>05</V1>
    <V2>UP</V2>
  </Group>
</Exemptions>
```

2.5 Transaction Definitions

The following describes the contents of the “descriptors.xml” file per transaction.

Note: Asterisk(*) indicates fields added to the ASRCAR transaction.

2.5.1 Requests

The request transaction definitions, sent from FALCON to MBIS, are provided in the following table.

Column	Description
NIST Number	NIST numbering of the field.
Field Name	A descriptive name that describes the content of the data field.
XML Tag	Contents of the XML tag
Table	M = Mandatory, O = Optional
ASRCAR	Tenprint Applicant Search with Add fields
DELR	Delete Record fields
MRGR	Merge Record fields
CHIDR	Change ID fields
FIDR	FALCON ID Request fields

NIST Num	Field Name	XML Tag	ASRCAR	DELR	MRGR	CHIDR	FIDR
1.004	Type of Transaction	type1TypeofTrans	M	M	M	M	M
1.006	Priority	type1Priority	M	M	M	M	--
1.009	Transaction Control Number	type1TransactionControl Number	M	M	M	M	M
1.010	Transaction Control Reference	type1TransactionControl Reference	O	O	O	O	O
--	FALCON Transaction ID	Id	M	M	M	M	M
--	LiveScan TCN (from CWCS applicant search)	LivescanTCN	M	--	--	--	--
--	Falcon ID (MBIS Person ID)	FalconId	--	M	--	--	--
--	Criminal SID associated with the FID	SID	--	O	O	--	--
--	Falcon ID (MBIS Person ID)	DestinationId	--	--	M	M	--
--	Falcon ID(s) to be merged to the Destination ID.	SourceId	--	--	M	M	--
2.006	Attention Indicator*	AttentionIndicator	O				
2.007	Send Copy To*	SendCopyTo	O				
2.014	FBI Number*	FBINumber	O				
2.015	Person ID (DLE Number)*	PersonID	O				
2.016	Social Security Number*	SocialSecurityNumber	O				
2.017	Miscellaneous Number*	Miscellaneous IdentificationNumber	O				

NIST Num	Field Name	XML Tag	ASRCAR	DELR	MRGR	CHDR	FIDR
2.018	Name*	Name	M				
2.019	Aliases*	Aliases	O				
2.020	Place of Birth*	PlaceOfBirth	M				
2.021	Country of Citizenship*	CountryOfCitizenship	O				
2.022	Date of Birth*	DateOfBirth	M				
2.024	Sex	Sex	M	--	--	--	--
2.025	Race	Race	M	--	--	--	--
2.027	Height*	Height	M				
2.029	Weight*	Weight	M				
2.031	Eye Color*	EyeColor	M				
2.032	Hair Color*	HairColor	M				
2.037	Reason Fingerprint*	ReasonFingerprinted	O				
2.038	Date Fingerprinted*	DateFingerprinted	M				
2.039	Employer and Address*	EmployerAndAddress	O				
2.040	Occupation*	Occupation	O				
2.041	Residence*	ResidenceOfPerson Fingerprinted	O				
2.043	Type of Search Requested*	TypeOfSearchRequested	O				
2.073	Controlling Agency Identifier*	ControllingAgencyIdentifier	M				
2.084	Special Fingers. Up to 9 groups.	Exemptions	O	--	--	--	--
A	Finger Number	V1	O				
B	Amputated or Bandaged Code	V2	O				
2.631	Record Sub-type* (MAP/NFUF)	RecordSubType	M				
System	Current Date	FalconDeleteDate	--	O	--	--	--

2.5.2 Error Responses

The error response transaction definitions, sent from MBIS to FALCON, are provided in the following table.

Column	Description
Field Name	A descriptive name that describes the content of the data field.
XML Tag	XML field tag name
Table	M = Mandatory, O = Optional
ASRCAE	Tenprint Applicant Search with Add Error fields
DELE	Delete Error fields
MRGE	Merge Error fields
CHIDE	Change ID Error fields

Field Name	XML Tag	ASRCAE/DELE/ MRGE/CHIDE
Type of Transaction (1.04)	<type1TypeofTrans>	M
Transaction Control Number	<type1TransactionControlNumber>	M
Transaction Control Reference	<type1TransactionControlReference>	M
FALCON Transaction ID	<Id>	M
Status Error Message	<StatusErrorMessage>	M

2.5.3 Complete Responses

2.5.3.1 ASRCAC

The Tenprint Applicant Search with Add Complete (ASRCAC) response transaction definitions, sent from MBIS to FALCON, are provided in the following table.

Column	Description
Field Name	A descriptive name that describes the content of the data field.
XML Tag	XML field tag name
Table	M = Mandatory, O = Optional
No-Hit	ASRCAC no-hit fields
Crim Hit	ASRCAC single criminal hit fields
App Hit	ASRCAC single applicant hit fields
Multi Crim Hits	ASRCAC multiple criminal hits fields
Multi App Hits	ASRCAC multiple applicant hits fields
Multi Crim/App Hits	ASRCAC multiple criminal and applicant hits fields

Field Name	XML Tag	No-Hit	Crim Hit	App Hit	Multi Crim Hits	Multi App Hits	Multi Crim/App Hits
Type of Transaction (1.04)	<type1TypeofTrans>	M	M	M	M	M	M
Transaction Control Number	<type1TransactionControlNumber>	M	M	M	M	M	M
Transaction Control Reference	<type1TransactionControlReference>	M	M	M	M	M	M
FALCON Transaction ID	<Id>	M	M	M	M	M	M
LiveScan TCN (from ASRCAR)	<LivescanTCN>	M	M	M	M	M	M
Search Result	<SearchResultsFindings>	M	M	M	M	M	M
FALCON ID (from FIDC response)	<NewFalconId>	O	--	--		--	--
DLE Number (Hit Criminal SID or final criminal SID for multiple hits)	<HitSID>	--	M	--	M	--	M
FALCON ID (hit FID or group list of all hit FIDs)	<HitId>	--	--	M	--	M	O
Hit SIDs/FIDs (contains the group list of all the hit SIDs / FIDs)	<AllHitSID>	--	--	--	M	MO	O

2.5.3.2 DELC / MRGC / CHIDC

The complete response transaction definitions, sent from MBIS to FALCON, are provided in the following table.

Column	Description
Field Name	A descriptive name that describes the content of the data field.
XML Tag	XML field tag name
Table	M = Mandatory, O = Optional
DELC	Delete Complete fields
MRGC	Merge Complete fields
CHIDC	Change ID Complete fields
FIDC	Falcon ID Complete fields

Field Name	XML Tag	DELC	MRGC CHIDC	FIDC
Type of Transaction (1.04)	<type1TypeofTrans>	M	M	M
Transaction Control Number	<type1TransactionControl Number>	M	M	M
Transaction Control Reference	<type1TransactionControl Reference>	M	M	M
FALCON Transaction ID	<Id>	M	M	M
New FALCON ID	<NewFalconId>	--	--	M

2.5.4 Search Results Message

The Search Results Message (SRM) response transaction definitions, sent from MBIS to FALCON, are provided in the following table.

Column	Description
Field Name	A descriptive name that describes the content of the data field.
XML Tag	XML field tag name
Table	M = Mandatory, O = Optional, C = Conditional
No-Hit	SRM no-hit fields
Crim Hit	SRM single criminal hit fields
App Hit	SRM single applicant hit fields
Multi Crim Hits	SRM multiple criminal hits fields
Multi App Hits	SRM multiple applicant hits fields
Multi Crim/App Hits	SRM multiple criminal and applicant hits fields

Field Name	XML Tag	No-Hit	Crim Hit	App Hit	Multi Crim Hits	Multi App Hits	Multi Crim/ App Hits
Type of Transaction	type1TypeofTrans	M	M	M	M	M	M
Transaction Control Number	type1TransactionControlNumber	M	M	M	M	M	M
Transaction Control Reference	type1TransactionControl Reference	M	M	M	M	M	M
Criminal Incident ID	OBTS	M	M	M	M	M	M
Search Result (I/N)	SearchResultsFindings	M	M	M	M	M	M
DLE Number (new criminal SID from CCH)	NewSID	M	--	O	--	O	--
Criminal person ID	SID	M	--	--	--	--	--
Retention Code	RetentionCode		O		O		O
Incident ID	IncidentID	M	M	M	M	M	M
DLE Number	DLENumber	--	M	--	M	--	M
DLE Number (hit / final criminal SID)	HitSID	--	M	O	O	--	O
FALCON ID (hit FID or list of all hit FIDs)	HitId	--	--	M	--	O	O
FBI Number	FBINumber	O	O	O	O	O	O
Social Security Number	SocialSecurityNumber	M	O	M	M	M	M
Name	Name	M	M	M	M	M	M
Aliases	Aliases	O	O	O	O	O	O
Place of Birth	PlaceOfBirth	M	M	M	M	M	M
Country of Citizenship	CountryOfCitizenship	O	O	O	O	O	O
Date of Birth	DateOfBirth	M	M	M	M	M	M
Sex	Sex	M	M	M	M	M	M
Race	Race	M	M	M	M	M	M

Field Name	XML Tag	No-Hit	Crim Hit	App Hit	Multi Crim Hits	Multi App Hits	Multi Crim/ App Hits
Scar, Marks, and Tattoos	ScarsMarksTattoos	--	O	--	O	--	O
Height	Height	M	M	M	M	M	M
Weight	Weight	M	M	M	M	M	M
Color Eyes	EyeColor	M	M	M	M	M	M
Hair Color	HairColor	M	M	M	M	M	M
Date Fingerprinted	DatePrinted	M	M	M	M	M	M
Residence of Person Fingerprinted	ResidenceOfPersonFingerprinted	O	O	O	O	O	O
Date of Arrest	DateOfArrest	M	M	M	M	M	M
Image Processing	ImageProcessing	M	M	M	M	M	M
Make	V1	M	M	M	M	M	M
Model	V2	M	M	M	M	M	M
Serial Number	V3	M	M	M	M	M	M
OBTS Number	OBTSNumber	M	M	M	M	M	M
Juvenile Adult Status	JuvenileAdultStatus	M	M	M	M	M	M
Name/Number of Input Operator	InputOperator	M	--	--	--	--	--
City of Residence	CityOfResidence	O	--	O	--	O	O
State of Residence	StateOfResidence	O	--	O	--	O	O
Device Registration Identifier	DeviceRegistrationIdentifier	M	--	--	--	--	--
Local Booking Number	LocalBookingNumber	O	--	--	--	--	--
Person ID	LocalPersonID	--	M	--	M	--	M
Fingerprinted By	FingerprintedBy	M	M	--	M	--	M
Booking Time	BookingTime	M	--	--	--	--	--
LiveScan Name	LiveScanName	M	--	--	--	--	--
Record Type	RecordType	M	M	M	M	--	M
Originating Agency Case Number	BookingID	M	--	--	M	--	M
Controlling Agency Identifier	ControllingAgencyIdentifier	M	M	M	M	M	M
Charge Data	ChargeData	M	M	M	M	--	M
Date of Offense	V1	M	M	M	M	--	M
General Offense Character	V2	M	M	M	M	--	M
Florida State Statute #	V3	M	M	M	M	--	M
Arrest Offense Literal 1	V4	O	O	O	O	--	O
Arrest Offense Literal 2	V5	O	O	O	O	--	O
Free Text	V6	O	O	O	O	--	O
Arrest Offense Literal	V7	M	M	M	M	--	M
Level of Arrest	V8	M	M	M	M	--	M
Degree of Charge	V9	M	M	M	M	--	M

Field Name	XML Tag	No-Hit	Crim Hit	App Hit	Multi Crim Hits	Multi App Hits	Multi Crim/ App Hits
NCIC Charge Code	V10	M	M	M	M	--	M
Drug Flag	V11	O	O	O	O	--	O
Domestic Flag	V12	O	O	O	O	--	O
Number of Counts	V13	M	M	M	M	--	M
Arrest Disposition Number	V14	M	M	M	M	--	M
Arrest Disposition Literal	V15	O	O	O	O	--	O
Arrest Sequence Number	V16	M	M	M	M	--	M
Date	type1Date	M	M	M	M	--	M
Priority	type1Priority	O	O	O	O	--	O
Destination Agency	type1DestAgency	M	M	M	M	--	M
Originating Agency	type1OrigAgency	M	M	M	M	--	M
Native Scanning Resolution	type1NativeScanningRes	M	M	M	M	--	M
Nominal Transmitting Resolution	type1NominalTransmittingRes	M	M	M	M	--	M
	type1Sender	O	O	O	O	O	O
	type1CaseID	O	O	O	O	O	O
	type1meta-info	O	O	O	O	O	O
Image Processing	ImageCaptureEquipment	M	M	M	M	M	M
Make	V1	M	M	M	M	M	M
Model	V2	M	M	M	M	M	M
Serial Number	V3	M	M	M	M	M	M
Originating Agency Case Number	OriginatingAgencyCase Number	M	M	M	M	M	M
Originating Agency	OrigAgency	M	M	M	M	M	M
NCIC Charge Code	NCICChargeCode	M	M	M	M	M	M
Arrest Segment Literal	ArrestSegmentLiteral	C	C	C	C	C	C
Date of Offense	V1	C	C	C	C	C	C
Arrest Offense Literal	V2	C	C	C	C	C	C
DOC Number	DOCNumber	O	O	O	O	O	O
Florida State Statute Number (mandatory for arrest)	FloridaStateStatuteNumber	C	C	C	C	C	C
Degree of Charge (mandatory for arrest)	DegreeOfCharge	C	C	C	C	C	C
Level of Arrest (mandatory for arrest)	LevelOfArrest	C	C	C	C	C	C
Reclassifier	Reclassifier	C	C	C	C	C	C

Note: If a search hits against a criminal record with no Master FID descriptor but with applicant incidents, the search case is treated as a hit against the criminal record only. The SRM will not include a Hit FID from that SID.

3 FALCON Rap Back

This section describes the messaging protocol and transaction definitions for the interface between the FALCON system and the FDLE MBIS for FBI rap back transactions.

3.1 Transactions

The following tables show the interface transactions sent between the FALCON and the FDLE MBIS. The submissions are initiated by FALCON and the FBI NGI responses are returned by the MBIS.

Submission	TOT	NIST Types	Response	TOT	NIST Types
Rap Back Subsequent Subscription - Civil	RBSCVL	1,2	Rap Back Subscription Response	RBSR	1,2
			Administrative Transaction Error	ERRA	1,2
Rap Back Maintenance Request	RBMNT	1,2	Rap Back Maintenance Response	RBMNTR	1,2
			Administrative Transaction Error	ERRA	1,2
Rap Back Subscription List Request	RBRPT	1,2	Rap Back Subscription List Response	RBRPTR	1,2
			Information Transaction Error	ERRI	1,2
Rap Back Identity History Summary Request	RBIHS	1,2	Rap Back Identity History Summary Response	RBIHSR	1,2
			Information Transaction Error	ERRI	1,2
Civil Event Deletion Request	CDEL	1,2	Civil Event Deletion Response	CDELR	1,2
			Administrative Transaction Error	ERRA	1,2
--	--	--	Rap Back Activity Notification	RBN	1,2
--	--	--	Rap Back Renewal Notification	RBRN	1,2

3.2 Message Protocol

The interface exchanges transactions in NIST format via Simple Mail Transfer Protocol Secure (SMTPS).

3.3 Transaction Definitions

Column	Description
NIST Number	NIST numbering of the field.
Field Name	A descriptive name that describes the content of the data field.
Table	M = Mandatory, O = Optional
RBSCVL	Rap Back Subsequent Subscription – Civil fields
RBMNT	Rap Back Maintenance Request fields
RBRPT	Rap Back Subscription List Request fields
RBIHS	Rap Back Identity History Summary Request fields
CDEL	Civil Event Deletion Request fields

3.3.1 Submissions

NIST Num	Field Name	RBSCVL	RBMNT	RBRPT	RBIHS	CDEL
1.001	Logical Record Length	M	M	M	M	M
1.002	Version	M	M	M	M	M
1.003	File Content	M	M	M	M	M
1.004	Type Of Transaction	M	M	M	M	M
1.005	Date	M	M	M	M	M
1.006	Transaction Priority	O	O	O	O	O
1.007	Destination Agency Identifier	M	M	M	M	M
1.008	Originating Agency Identifier	M	M	M	M	M
1.009	Transaction Control Number	M	M	M	M	M
1.010	Transaction Control Reference	O	O	O	O	O
1.011	Native Scanning Resolution	M	M	M	M	M
1.012	Nominal Transmitting Resolution	M	M	M	M	M
1.013	Domain Name	M	M	M	M	M
2.006	Attention Indicator	O	O	O	O	M
2.007	Send Copy To	O	O	O	O	
2.014	FBI Number/UCN	M	M		M	M
2.018	Name	M	O			
2.022	Date of Birth	M	O			
2.038	Date Fingerprinted	O				
2.073	Controlling Agency Identifier	O	O	O	O	O
2.084	Amputated or Bandaged	O				

NIST Num	Field Name	RBSCVL	RBMNT	RBRPT	RBIHS	CDEL
A	Finger Position	O				
B	Amputated or Bandaged Code	O				
2.2015	Rap Back Expiration Date	M	O			
2.2020	Rap Back Recipient	O	O	O		
2.2035	Event Identifier	O				M
2.2039	Rap Back Maintenance Indicator		M			
2.2040	Rap Back Trigger	O	O			
2.2041	Rap Back Activity Notification Identifier				M	
2.2047	Return All Records Indicator			O		
2.2048	Rap Back Subscription Identifier		M	O	M	
2.2062	Rap Back Activity Notification Format	M	O			
2.2063	Rap Back Opt Out In-State Indicator	O	O			
2.2064	Rap Back User Defined	O	O			
A	Rap Back Field Name	O	O			
B	Rap Back Field Text	O	O			
2.2065	Rap Back Category	M				
2.2067	Rap Back Disclosure Indicator	O	O			
2.2068	Date Range			O		
2.2070	Rap Back Attention Indicator	O	O			
2.2071	Rap Back Subscription Term	O				

3.3.2 Responses

Column	Description
NIST Number	NIST numbering of the field.
Field Name	A descriptive name that describes the content of the data field.
Table	M = Mandatory, O = Optional
RBSR	Rap Back Subscription Response fields
RBMNTR	Rap Back Maintenance Response fields
RBRPTR	Rap Back Subscription List Response fields
RBIHSR	Rap Back Identity History Summary Response fields
CDELR	Civil Event Deletion Response fields
ERRA	Administrative Transaction Error fields
ERRI	Information Transaction Error fields
RBN	Rap Back Activity Notification fields
RBRN	Rap Back Renewal Notification fields

NIST Num	Field Name	RBSR	RBMNTR	RBRPTR	RBIHSR	CDEL R	ERRA	ERRI	RBN	RBRN
1.001	Logical Record Length	M	M	M	M	M	M	M	M	M
1.002	Version	M	M	M	M	M	M	M	M	M
1.003	File Content	M	M	M	M	M	M	M	M	M
1.004	Type of Transaction	M	M	M	M	M	M	M	M	M
1.005	Date	M	M	M	M	M	M	M	M	M
1.006	Transaction Priority	O	O	O	O	O	O	O	O	O
1.007	Destination Agency Identifier	M	M	M	M	M	M	M	M	M
1.008	Originating Agency Identifier	M	M	M	M	M	M	M	M	M
1.009	Transaction Control Number	M	M	M	M	M	M	M	M	M
1.010	Transaction Control Reference	O	O	O	O	O	O	O	O	O
1.011	Native Scanning Resolution	M	M	M	M	M	M	M	M	M
1.012	Nominal Transmitting Resolution	M	M	M	M	M	M	M	M	M
1.013	Domain Name	M	M	M	M	M	M	M	M	M
2.006	Attention Indicator	O	O	O	O	M	O	O		
2.007	Send Copy To	O	O	O	O		O	O	O	O
2.009	Originating Agency Case Number	O								
2.014	FBI Number/UCN	M	M		M	M		O	M	M
2.015	State Identification Number							O		
2.018	Name	M	M		M				M	M
2.022	Date of Birth	M	M		M				M	M
2.060	Status/Error Message	O	O	O		O	M	M		M
2.073	Controlling Agency Identifier	O	O	M	O	O	O	O	M	M
2.075	Electronic Rap Sheet	O	O		M				O	
2.2015	Rap Back Expiration Date	M	M						M	M
2.2020	Rap Back Recipient	O	O							
2.2035	Event Identifier	O								
2.2040	Rap Back Trigger	M	M							
2.2041	Rap Back Activity Notification Identifier				M				M	
2.2048	Rap Back Subscription Identifier	M	M		M				M	M
2.2049	Rap Back Term Date	O	O						O	O
2.2050	Rap Back Subscription List			O						
2.2054	Rap Back Subscription Date	M	M						M	M
2.2062	Rap Back Activity Notification Format	M	M							
2.2063	Rap Back Opt Out In-State Indicator	M	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	M								
2.2067	Rap Back Disclosure Indicator	O	M							

NIST Num	Field Name	RBSR	RBMNTR	RBRPTR	RBIHSR	CDELTR	ERRA	ERRI	RBN	RBRN
2.2069	Rap Back Triggering Event Details				M				O	
A	Date of Rap Back Event				M				O	
B	Rap Back Trigger				M				O	
C	Rap Back Event Information				M				O	
2.2070	Rap Back Attention Indicator	O	O						O	O
2.2071	Rap Back Subscription Term	O	O						O	O

4 FALCON Rapid ID

This section describes the messaging protocol and transaction definitions for the interface between the FALCON Rapid ID and the FDLE MBIS.

4.1 Transactions

The following tables show the interface transactions sent between the FALCON and the FDLE MBIS. The submissions are initiated by FALCON and the responses are returned by the MBIS.

Submission	Response	TOT
Identity Match (1:1)	Acknowledgement	ACK
	Ident Response	HIT
	Non-Ident Response	NO_HIT
	No Record Found Response	NO_RECORD
	Error / Quality Reject	AFIS_ERR
Identity Search (1:N)	Acknowledgement	ACK
	Ident Response	HIT
	Non-Ident Response	NO_HIT
	Ambiguous (Multiple Hits) Response	AMBIGUOUS
	Error / Quality Reject	AFIS_ERR

4.2 Message Protocol

The interface exchanges transactions in NIST format via Simple Mail Transfer Protocol (SMTP).

4.3 Transaction Definitions

Column	Description
NIST Number	NIST numbering of the field.
Field Name	A descriptive name that describes the content of the data field.
Table	M = Mandatory, O = Optional, C = Conditional
MATCH	Rapid ID Match fields
SEARCH	Rapid ID Search fields

4.3.1 Submissions

NIST Num	Field Name	MATCH	SEARCH
1.001	Logical Record Length	M	M
1.002	Version Number	M	M
1.003	File Content	M	M
1.004	Type of Transaction	M	M
1.005	Date	M	M
1.006	Priority	M	M

NIST Num	Field Name	MATCH	SEARCH
1.007	Destination Agency Identifier	M	M
1.008	Originating Agency Identifier	M	M
1.009	Transaction Control Number	M	M
1.011	Native Scanning Resolution	M	M
1.012	Nominal Transmitting Resolution	M	M
2.015	DLE Number	C*	O
2.598	FALCON ID	C*	O

* Either the DLE Number or the FALCON ID is mandatory.

4.3.2 Responses

Column	Description
NIST Number	NIST numbering of the field.
Field Name	A descriptive name that describes the content of the data field.
Table	M = Mandatory, O = Optional, C = Conditional
ACK	Acknowledgement response fields
HIT	Hit response fields
NO_HIT	No-Hit response fields
NO_RECORD	No Record found response fields
AMBIGUOUS	Ambiguous response fields
AFIS_ERR	Error and Quality Reject response fields

NIST Num	Field Name	ACK	HIT	NO_HIT	NO_RECORD	AMBIGUOUS	ABIS_ERR
1.001	Logical Record Length	M	M	M	M	M	M
1.002	Version Number	M	M	M	M	M	M
1.003	File Content	M	M	M	M	M	M
1.004	Type of Transaction	M	M	M	M	M	M
1.005	Date	M	M	M	M	M	M
1.007	Destination Agency Identifier	M	M	M	M	M	M
1.008	Originating Agency Identifier	M	M	M	M	M	M
1.009	Transaction Control Number	M	M	M	M	M	M
1.010	Transaction Control Reference	M	M	M	M	M	M
2.001	Logical Record Length	--	M	--	--	M	M
2.002	Image Designation Character	--	M	--	--	M	M
2.015	State Identification Number	--	C*	--	--	--	C*
2.064	Candidate List	--	--	--	--	M	--
A	FALCON ID	--	--	--	--	M	--

NIST Num	Field Name	ACK	HIT	NO_HIT	NO_RECORD	AMBIGUOUS	ABIS_ERR
B	DLE Number	--	--	--	--	M	--
2.598	FALCON ID	--	C*	--	--	--	C*
2.060	Status/Error Message	--	--	--	--	--	M

* Either the DLE Number or the FALCON ID is mandatory.

Appendix A - Fields No Longer Used

Composite Fingerprint Information

The FALCON Applicant ASRCAC, MRGC, and CHIDC transactions previously included the composite fingerprint information “CompositeFingerPrint.xml” file. The composite fingerprint information is no longer applicable because MBIS stores all incident records and no longer stores a composite record.

Fingerprint Quality Data

The FALCON Applicant ASRCAC transaction previously included the search record fingerprint image quality score in the “PrintQuality.xml” file. The fingerprint image quality score information is no longer applicable because MBIS stores all incident records and no longer stores a composite record.

Palm Prints Available Indicator

The FALCON Applicants SRM transaction included field 2.035 Palm Prints Available Indicator which indicated if a subject’s palm prints were captured. FDLE has determined that this field is no longer needed.

Photo Available Indicator

The FALCON Applicants SRM transaction included field 2.036 Photo Available Indicator which indicated if a subject’s photo was captured. FDLE has determined that this field is no longer needed.

PKCOD Present

The FALCON Rapid ID interface required 2.600 PKCOD Present when only minutiae was submitted from a capture device. The value “pk-present” (case sensitive) indicated to the RAPID ID that dummy images included were not to be processed. The Rapid ID discarded the images and only used the minutiae for processing. This field is no longer applicable because the FALCON will send only images to MBIS.

Year of Birth

The FALCON Applicant ASRCAR and SRM transactions included field 2.603 Year of Birth which was automatically generated from the Date of Birth. This field is no longer used by MBIS.