

THIS STATEMENT OF WORK ("SOW") incorporates herein by reference the terms and conditions of the QUOTATION #01160258 by and between City of Delray Beach ("Customer") and Crossmatch Technologies ("CMT"), dated _____, 2016 (the "Agreement").

Type: XML Demographic Import Interface

RMS Vendor Name: Sungard

RMS Software/Version: _____

Receiving Agency: _FDLE – Crim Print-Only_

RMS Vendor Exporting Mugshots: Yes ___ No _x_

Receiving Agency Mugshot Requirements

(check one):

None __x_

Best Practices Level 10 ___

Best Practices Level 30 ___

1. Scope:

This document describes and defines an interface purchased by Customer between one (1) CMT Live Scan Management System (LSMS) with FDLE Configuration, latest version, which contains Applicant and Criminal print-only, and an application provided by the Records Management System (RMS) Vendor.

Import will only consist of the fields identified in the CMT Tier 1 Standard Specification package, provided by CMT to RMS vendor. The CMT Tier 1 Standard Specification package is created with strict adherence to the specifications as dictated by the Receiving Agency. If any additional fields are needed or import fields deviate from the CMT Tier 1 Standard Specification or the raw data being sent from the RMS software does not conform to the CMT Tier 1 Standard Specification, then this is considered custom work and subject to customized software rates.

CMT Tier 1 Standard Specification package includes:

- 1) Agency Data Dictionary : All fields described and as used in LSMS
- 2) Technical Specification LSMS Interface : Describes the requirements of the interface
- 3) Agency Sample.XML : Sample file of the RMS output
- 4) Agency Sample with Details: Sample file of the RMS output with explanation
- 5) Folder with the Picklist acceptable by LSMS to remain compliant with Agency
- 6) Sample Photos: If Photo import, sample of photo size and dimension

2. CMT Detail of Products and Services :

Exhibit A sets forth the prices for the products and services to be delivered. This SOW describes the standard CMT Tier 1 software deliverables and professional services ("Services") to be provided by CMT and the respective obligations of the parties.

2.1. Software Interface

1. Direction of the interface will be one way imported into the LSMS application.
2. Method of file transfer will be according to one of the following:
 - a. Option 1 - The file shall be made available to the LSMS application via a shared directory. The default directory path will be C:\ProgramData\Cross Match Technologies\LSMS\Demographics\Import on the Livescan computer and note that default directory can vary by LSMS version.
 - b. Option 2 - The file shall be made available to the LSMS application via an FTP push of file through anonymous login. The default directory path will be C:\ProgramData\Cross Match Technologies\LSMS\Demographics\Import on the livescan computer and note that default directory can vary by LSMS version.
3. Each data file will contain the data elements to be imported for a single EFT transaction.
4. If Receiving Agency requires **Mugshot Best Practices**, then the following is required for a Mugshot that is going to be imported for a single EFT transaction:
 - a. Mugshots can be imported if provided as JPEG images, where separate JPEG files are placed on a local or network drive and the path/file name is defined in the standard XML file.
 - b. Properties of the Mugshots must meet the agency specifications or else it will not be possible for the images to be imported.
 - c. Both the JPEG and the properties in the XML must exist for the image to be imported.
 - d. The image should be portrait.
 - e. The image aspect ratio (Width:Height aspect ratio) of the captured image shall be 1:1.25.

- f. The image shall be at a minimum of 480 pixels in the horizontal direction by 600 pixels in the vertical direction

Additional Information on Mugshot Best Practices:

- If a State has specific requirements regarding Mugshot capturing and the RMS vendor is exporting Mugshots, then the camera of use and how the image is captured must follow the state's specific requirements.
- The NIST group has posted more detailed information found in the following link:
http://www.itl.nist.gov/iaui/894.03/face/bpr_mug3.html.
- The latest ANSI/NIST-ITL 1-2007 (Data Format for the Interchange of Fingerprint, Facial, & Other Biometric Information – Part 1) has the definitions for the different subject acquisition profile levels. Table 18 from Part 1 is noted below in Figure 1. For more detailed information, see <http://fingerprint.nist.gov/standard/index.html>.

Table 18 Subject acquisition profiles

Subject Acquisition Profile	Attribute Level Code
Unknown profile	0
Surveillance facial image	1
Driver's license image (AAMVA)	10
ANSI Full Frontal facial image (ANSI 385)	11
ANSI Token facial image (ANSI 385)	12
ISO Full Frontal facial image (ISO/IEC 19794-5)	13
ISO Token facial image (ISO/IEC 19794-5)	14
PIV facial image (NIST SP 800-76)	15
Legacy Mugshot	20
Best Practice Application - Level 30	30
Best Practice Application - Level 40	40
Best Practice Application - Level 50	50
Best Practice Application - Level 51	51

Figure 1 – From ANSI/NIST-ITL 1-2007 (Part 1)

5. Each data file will have the extension .xml.
6. The XML file will match the CMT standard proprietary XML Schema as provided.
7. Each file shall be uniquely named such that it is easily identified by the operator.
8. The operator shall import the file by selecting "File->Import" in the CMT LSMS application and choosing the correct file from a list provided.
9. The file shall be deleted after import by the LSMS system.

2.2. Data Integrity

It is a function of the Crossmatch product to perform structured validations to ensure that all data submitted to the Receiving Agency meets their AFIS submission standards. The Customer, prior to submission, will need to manually correct any invalid data received and detected by the LSMS software.

3. Responsibilities and Implementation Procedures

3.1. CMT Responsibilities

3.1.1. Provide Standard Tier One Requirements Package

CMT will supply the RMS Vendor with the Crossmatch standard interface specification "CMT Tier 1 Standard Specification" zip package file, for all the process types as defined by the particular State or Agency for the LSMS application. Included in the specification will be a data definitions document and at least one sample XML file specific for one TOTs accepted by the Receiving Agency.

3.1.2. Pre-Implementation Testing Purchased at Time and Material

The CMT data interface has been validated to function as designed when data provided to the interface complies with the CMT Tier 1 Standard Specification. If testing of RMS data is required by CMT technical team before the installation of CMT data interface, testing will be performed at currently published rates. No development testing will be performed during or after the installation.

3.1.3. Functional Demonstration

CMT will demonstrate to Customer data import functionality in the LSMS application during implementation. Functionality will be demonstrated with RMS XML files whenever possible. If RMS XML files are not available due to work not being completed on the Customer network, RMS, or due to noncompliance of RMS XML files to the CMT provided specifications, CMT reserves the right to demonstrate data import functionality with sample XML file previously provided to RMS vendor. Demonstration of data import will be considered 'final work' for delivery of CMT data import.

3.2. Customer Responsibilities

3.2.1. Coordinate with RMS Vendor

Customer will require the RMS Vendor to provide the following:

- XML files which comply with the data definitions and sample XML file contained in CMT provided "CMT Tier 1 Standard Specification" zip package file.
- RMS XML files will be made available to the CMT system, according to section 2.1 above, at least 3 weeks in advance of the mutually agreed upon Implementation timeline. All networking and routing necessary to provide XML files to the CMT LSMS application are the responsibility of the Customer and RMS vendor.
- RMS XML files provided will consist of all fields Customer expects to import into LSMS application.

If applicable, it is the Customer's responsibility to inform RMS Vendor that Receiving Agency requires Mugshot Best Practices to be met.

It is the Customer's responsibility to complete the RMS Vendor's contact information below prior to this SOW being fully executed.

Company: _____

Name: _____

Telephone: _____

E-mail: _____

Customer agrees to integrate the CMT equipment and/or software into the Customer network as necessary and to provide any network path required for the CMT equipment and/or software to communicate with other necessary agencies or systems as described in this document prior to scheduling installation.

Customer agrees to assign an internal IT resource to provide technical support as necessary during the installation and communication testing of the CMT equipment and/or software to both the Customer's internal network and external agencies prior to scheduling installation.

It is the Customer's responsibility to review physical and network connectivity requirements with Receiving Agency(s) and complete necessary network connections prior to CMT installation.

Pick list and validation tables that are provided by the State are included with the original CMT XML specification package. However, because the Receiving Agency can change either set of data or both at any time; it is the Customer's responsibility, when notified by the State or Receiving Agency, to notify CMT and the RMS Vendor of any changes.

4. Cost to Develop XML Demographic Import Interface

The Customer understands that the charges included in the CMT quotation cover ONLY the work required by CMT to provide the XML Demographic Import Interface software as specified in the CMT Tier 1 Standard Specification. CMT will not be held responsible for any third-party charges that arise as a result of CMT's implementation of the XML Demographic Import Interface software as defined in this SOW.

5. Software Maintenance

The CMT Advantage Software Maintenance Plan set forth in **Exhibit B** is applicable to the interface software being delivered under this SOW.

6. Software License Agreement

Customer understands that in acceptance of, taking possession and usage of the CMT XML Demographic Import Interface software being delivered under this SOW there will be continuous compliance with the Software License Agreement (SLA) set forth in **Exhibit C**.

CROSSMATCH TECHNOLOGIES, INC.

CUSTOMER:

Signature: _____

Signature: _____

Name: _____

Name: _____

Title: _____

Title: _____

Date: _____

Date: _____