



Military Criminal Enrollment Solution

Bringing Military Booking into the Digital Age





Overview

THE CHALLENGE

Moving from Manual to Digital Booking and Records

Military agencies are often among the most technologically advanced organizations in any nation — pushing leading-edge research and development, and quickly adopting innovations that keep them operating at the forefront. Yet many military law enforcement agencies around the world continue to use antiquated criminal enrollment systems — from ink-and-card fingerprinting processes that are slow and cumbersome, to manual record-keeping that cannot be linked with other databases and cannot provide instant, accurate matching and responses.

THE SOLUTION

Military Criminal Enrollment Solution

The Military Criminal Enrollment Solution (MCES) leverages advanced digital livescan capabilities to give law enforcement officers and investigators the tools they need to be more effective in protecting those they serve — while significantly reducing time and costs.

CASE STUDY

United States Army Transitions to Digital Livescan

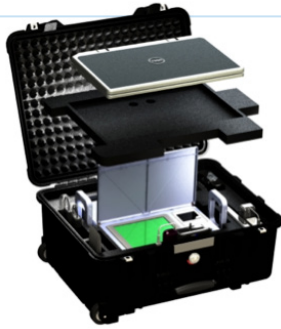
In 2015, the United States Army Criminal Investigation Division Command (USACIDC) began the transition from an ink-and-card fingerprint process to an automated digital livescan process. The USACIDC is leveraging the digital process to drive improvements across their criminal enrollment and overall law enforcement operations to:

- **Expedite enrollment:** High-quality biometric images are captured quickly and easily at the time of booking.
- **Automate digital record creation and submission:** Captured biometric scans are automatically compiled into the required FBI EBTS compliant record format— and submitted to the Department of Defense (DoD) US Army Criminal Investigation Laboratory (USACIL) Automated Biometric Identification System (ABIS) and the FBI Next Generation Identification (NGI) database.
- **Centralize record management:** Digital records—including biometric, biographical and criminal history data—are easily managed, archived and can be seamlessly shared between law enforcement agencies.
- **Enhance matching performance:** Digital records featuring high-quality biometric scans enable faster, more accurate matching across a wider range of databases.

Elements of the Solution

Fixed and Portable Livescan Booking Stations

The MCES offers three convenient, easily deployable platforms:



Criminal Enrollment Jumpkit

The compact, rugged and highly portable jumpkit contains all required components inside a durable case and is easily deployed in the field.



Desktop Criminal Enrollment

The desktop configuration is designed for locations where a rugged solution is not required.



Criminal Booking Station

The sturdy booking station cabinet was specifically designed for comfort, efficiency and reliability in stationary applications.

HID L SCAN™ FINGERPRINT READER

- 500 ppi or 1000 ppi resolution models
- Real-time image preview
- Fast USB3 connectivity
- FBI standards-compliant — 1000 ppi model is part of USACIDC specifications



HID **Crossmatch**
L Scan™ 1000

HID GUARDIAN™ TENPRINT READER

- Compact ergonomic design
- 500 ppi resolution with Moisture Discriminating Optics (MDO)
- FBI standards-compliant
- Intuitive, integrated display for rapid capture



HID Guardian™ 200

HID Livescan Management Software (LSMS)

The LSMS application software is the core of the biometric capture process, driving efficient and accurate enrollment and matching. The Military Criminal Investigation Organization – Defense Forensics Management & Exchange (MCIO-DFME) configuration of the software is designed to support the Military Law Enforcement mission.

- Multimodal capture capabilities— fingerprint, palm print, face and signature images, plus a broad range of biographical data specific to meet MCIO-DFME and FBI requirements
- Intuitive user interface and auto capture— minimal training requirements and efficient operation
- Real-time transaction reporting with Electronic Disposition Reporting (DSPE)
- Seamless integration with credential scanners for capture of driver's license data
- Federal compliance of records — meets DoD AFIS and FBI's Electronic Biometric Transmission Specifications (EBTS).
- DNA workflow integration to facilitate data collection and form printing

ENROLLMENT PACKAGES

- HID LSMS – MCIO-DFME Configuration (1000 or 500 ppi)
- HID LSMS – Livescan to Store & Forward

ADD-ON LIVESCAN COMPONENTS

- Signature Pad
- Photo Camera
- FBI-Certified Card Printers

ADD-ON CARD SCANNING

The LSMS software allows operators to scan and digitize all existing legacy paper and ink fingerprint cards using a high-resolution FBI-certified document scanner. Scanned cards are saved as EBTS compliant records for submission to the DoD AFIS and/or FBI.

ADD-ON IMPORT INTERFACE

Automated data import from Case Management System



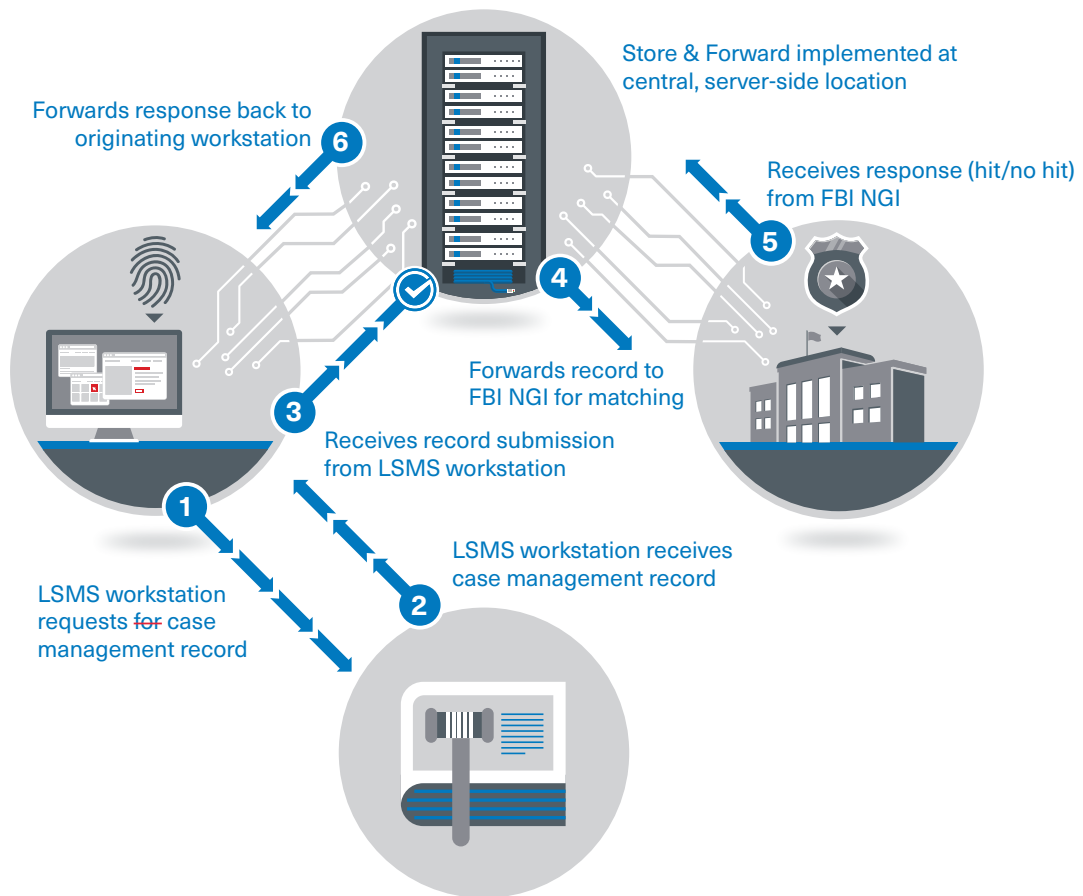
HID ArcID™ Store & Forward

Centralize data — forward to FBI NGI and DoD AFIS

ArcID Store & Forward delivers a web-based approach for consolidation and management of biometric and biographic enrollment data.

- Centrally located application and data storage with a browser-based interface
- Ability to store, monitor, edit and manage the life cycle of a submitted record
- Visibility to and management of all transactions within a secure environment

Solution Workflow



Store & Forward Components

- ArcID Store & Forward
- ArcID Store & Forward Submission Software (MCIO-DFME configuration), includes routing to DoD AFIS



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