

# Use of Rapid Biometric Devices by Florida Law Enforcement



**ANSI/NIST-ITL WORKSHOP  
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# Introduction



- **A Quick History**
  - **Rapid ID Pilot – October 2006**
    - ✦ **Jessica Lunsford Act –**
      - **Re-registration of sex offenders**
      - **Identification of probationers**
    - ✦ **Roadside stops**
    - ✦ **Jail/Prison intake/release**
    - ✦ **Court – First Appearance**
    - ✦ **Domestic Security**
  - **Rapid ID Full Operational Capability – October 2009**
    - ✦ **FBI RISC (Repository of Individuals of Special Concern)**
    - ✦ **DNA Verification**
    - ✦ **Warrant Service**

# Devices/Transactions



- **Number of devices – 5,632 active devices**
  - Mobile – 4,406
  - Fixed or tethered – 1,226
- **Average transactions**
  - 47,221 per month
  - 65% Hit rate (not accuracy, criminal encounters)

# General Characteristics (1)



- **Desired matching / enrollment capabilities:**
  - Enrollment: controlled facility – not mobile (at booking)
  - Search & Match capability
    - ✦ **Two Modes:**
      - Two finger search against 5.5M subjects
      - One finger (1:1) verification of subject with identifier (i.e. SID)
    - ✦ **Response time target <1m**
    - ✦ **Wants/Warrants & Rapsheet returned on hits**
    - ✦ **Types of responses**
      - Hit, No-Hit, Ambiguous for Florida CMF
      - Red, Yellow, Green for RISC

# General Characteristics (2)



- **Database verification:**
  - **Enrollment**
    - ✦ **Submission:** Tenprint by local Sheriff/Jail/Corrections
      - fingerprints / face (if available) for criminal history
    - ✦ **Response time:** Ten minutes or less
    - ✦ **Connectivity:** Criminal Justice Network (CJNet) –
      - Dedicated T1/MPLS at every criminal justice agency
  - **Search/Verification**
    - ✦ **Mobile devices:** Florida Highway Patrol Troopers and several thousand Police Officers and Sheriff Deputies.
    - ✦ **Connectivity:** Bluetooth from device to Mobile Data Terminal, air-card VPN to CJNet point of presence.
    - ✦ **Response requirements:** 24 seconds average response

# Mobile Unit Description



- **Mobile Unit Data Captured:**
  - Fingerprints (index and middle finger -- 2,3,7,8 any combination is allowed)
- **Form Factor / User Interface**
  - **Cogent:**
    - ✦ CSD301 and CSD330 – FAP 10 tethered devices (mobile)
    - ✦ CSD450 – FAP 30 tethered (jails and courthouses – not really mobile)
    - ✦ MI3 – FAP 30 wireless
    - ✦ Blue Check FAP 10 wireless
    - ✦ Blue Check 2 (optical scanner) FAP 10 wireless
    - ✦ Blue Check 2U FAP level 10 wireless
  - **Motorola:**
    - ✦ MC75 – FAP 10 wireless
  - **MorphoTrak:**
    - ✦ MorphoIdent – FAP 20 wireless
  - **L1:**
    - ✦ IBIS Extreme – FAP 30 wireless
  - **CrossMatch:**
    - ✦ Verifier 300 or 310 - FAP 30 tethered
    - ✦ Verifier MW – FAP 30 wireless

# Data Exchange Requirements (Details)



- **Fingerprints sent to State Identification Bureau for searching against Florida Criminal Master File**
  - Unique identifier for the transaction, individual and device
  - Interface Control Document available
    - ✦ [www.fdle.state.fl.us/Content/FALCON/Menu/System-Requirements/Current-FALCON-ICD.aspx](http://www.fdle.state.fl.us/Content/FALCON/Menu/System-Requirements/Current-FALCON-ICD.aspx)
- **Fingerprint images must meet quality standards of ANSI/NIST-ITL in order to be usable and have enough associated metadata to ensure traceability to the officer and device.**

# Lessons Learned



- **Lessons learned –**
  - Areas of most concern are user training and documentation of success stories.
    - ✦ **For both of these it has been imperative to develop and sustain relationships with the local agencies.**
  - Continuous spot checking of transactions has helped to identify issues that can quickly be addressed usually through additional training.

# Future Plans



- **Searching additional repositories – NDR flag**
  - Recent approval to pilot connectivity to US-Visit via FBI CJIS for Florida Domestic Security Task Forces.
- **Interoperability with other agencies**
  - Regional States
  - Federal Partners – Currently discussing with FBI Flyaway Teams and use of Quick Capture Devices by Florida FBI Field Offices.
- **Livescan integration to perform Notice to Appear/Cite and Release arrests on scene.**