Briefing Summary

- Background
- NGI Initiatives
- Study Approach
- Development Strategy
IAFIS – Implemented
July 1999

Integrated
Automated
Fingerprint
Identification System

III
Interstate Identification Index

ITN
Identification Tasking and Networking

AFIS
Automated Fingerprint Identification System
IAFIS Success

- Average Monthly Transaction Volume
  - 1.5 Million

- Database Additions
  - Increases by Approximately 6,000 Per Day

- Record High Completions
  - 95,737 Transactions within 24 Hours

- Response Time
  - Criminal (2 hours or less)
  - Civil (24 hours or less)
IAFIS Technology

- Implemented July 1999
- Technology advancements
- Changing business needs
New Vision for Next Generation IAFIS (NGI)
NGI Initiatives

- QC Automation
- Interstate Photo System (Mugshots)
- Disposition Reporting Improvements
- Advanced Fingerprint Identification Technology
  - Enhanced Terrorist Identification Service (ETIS)
- Enhanced IAFIS Repository
  - Rap Back
- National Palm Print System (NPPS)
Quality Check Automation

Functionality
– Automate Manual QC Processes

Benefits
– Quicker Responses & Consistency
Interstate Photo System

Functionality
- Photo Submissions Independent of Arrest
- Bulk Submissions
- Photos Other Than Facial
- Photos With Civil Submissions
- Interoperability
Interstate Photo System

Benefits

– Increase In Photo Submissions
– Increase In Investigative Tools
– Easier Access
– Multi-modal Potential
Disposition Reporting Improvements

Functionality

- Submissions Via CJIS WAN
- Submissions Via III
- Modernization of MRD Process
- Direct Federal Court Submissions
Disposition Reporting Improvements

Benefits
- Increased Submissions
- More Complete CHRI
- Better Decision Making
Advanced Fingerprint Identification Technology - AFIT

**Functionality**

- Increase IAFIS Processing Capacity, Storage Capacity, & Accuracy
- Decrease Response Times
- Provide New Processing Capability
- Enhanced Terrorist Identification Service (ETIS)
- Interoperability
Advanced Fingerprint Identification Technology - AFIT

Benefits
- Quicker And More Accurate Service
- Quick Capture
- Rapid Terrorist/Wanted Person FP Check
Enhanced IAFIS Repository

- Functionality
  - New Capabilities For Civil Records
  - Civil Record Consolidation
  - Rap Back Service
  - Multi-modal Potential
  - Interoperability
## Enhanced IAFIS Repository

### Benefits
- More Thorough Search
- Expanded Search Capabilities
- Safer Nation
National Palm Print System

Functionality
- Receive, Store, & Search Palm Prints
- Allow Bulk Submissions
- Search Unsolved Latent File
- Multi-modal
- Interoperability

Benefits
- Additional Biometric
- Solve More Crimes
NGI Study

Requirements Study
- User Requirements Review
- CONOPS Completion
- Functional Requirements
- System Requirements
NGI Collaborative Effort

- Local Users
- Federal Users
- APB
- Compact Council
- State Users
- CJIS Division

Requirements
NGI Requirements Call

- Identify Additional User Requirements
  - Biometrics Capabilities Show
  - Requirements Canvass
  - Study Contractor (IntelliDyne)
Who will be canvassed?

- CJIS Advisory Policy Board
- Compact Council
- International Users
- Department of Homeland Security
- State Identification Bureaus
- International Association of Identification
- National Consortium for Biometrics
- Department of State
- Department of Defense
Canvass Methodology

- Survey
  - Web Based
  - Hard Copy
  - Telephonic

- Interviews
  - Onsite
User Requirements Survey

- Current Proposed NGI Requirements
- Additional Proposed Requirements
Evaluation

Requirements Evaluation Team
- Evaluation
- Categorization
Requirements Evaluation Team

- Evaluation
  - Clarification

- Categorization
  - Currently Identified
  - Reasonably Added
  - Phase II Development
  - Not Feasible
Final Product

- APB Process
- Compact Council Process
Development Strategy

- NGI Development & Deployment
  - Incremental Approach
- Operational Functionality Each Fiscal Year
NGI Program Office

Questions?
NGI Program Office

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