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
  - 83,979 Transactions within 24 Hours

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

- Implemented July 1999
- 12-year old design decisions
- 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
Functionality

- Photo Submissions Independent of Arrest
- Bulk Submissions
- Photos Other Than Facial
- Photos With Civil Submissions
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 (Cont.)

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

Functionality

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

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
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

- Benefits
  - Additional Biometric
  - Solve More Crimes
NGI Study

- Requirements Study
  - User Requirements Review
  - CONOPS Completion
  - Functional Requirements
  - System Requirements
Development Strategy

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