

FBI Next Generation Identification (NGI)

Exhibit 300: Part I: Summary Information and Justification (All Capital Assets)

I.A. Overview

1. Date of Submission:	8/6/2006
2. Agency:	Department of Justice
3. Bureau:	Federal Bureau of Investigation
4. Name of this Capital Asset:	FBI Next Generation Identification (NGI)
5. Unique Project (Investment) Identifier: (For IT investment only, see section 53. For all other, use agency ID system.)	011-10-01-04-01-3199-00
6. What kind of investment will this be in FY2008? (Please NOTE: Investments moving to O&M ONLY in FY2008, with Planning/Acquisition activities prior to FY2008 should not select O&M. These investments should indicate their current status.)	Mixed Life Cycle
7. What was the first budget year this investment was submitted to OMB?	FY2006

8. Provide a brief summary and justification for this investment, including a brief description of how this closes in part or in whole an identified agency performance gap:

The Next Generation Identification (NGI) will be a major upgrade to the current Integrated Automated Fingerprint Identification System (IAFIS) that will provide new functionality, as well as, improve upon current functionality. The NGI, because it is a major upgrade to the existing IAFIS, was included in a previous IAFIS OMB 300 submission. In 2005, the NGI was separated from the IAFIS Exhibit 300 for Management Control purposes based on guidance from the FBI's Office of the Chief Information Officer (OCIO). The NGI Program is a compilation of initiatives that will either improve or expand existing biometric identification services. The NGI Program will accommodate increased information processing and sharing demands in support of anti-terrorism. As a result of the NGI initiatives, the FBI will be able to provide services to enhance interoperability between stakeholders at all levels of government, including local, state, federal, and international partners. This will accommodate the increasing need for pre-employment background checks, licenses, and will support the increase in border patrol and entry/exit checks. The NGI will allow the FBI to establish a terrorist fingerprint identification system that is compatible with other systems; increase the accessibility and number of the IAFIS terrorist fingerprint records; and provide latent palm print search capabilities. The NGI Study Contract was awarded to Intellidyne, L.L.C. on July 1, 2005. Intellidyne, L.L.C. and CJIS NGI representatives jointly participated in User Requirements Canvasses which included onsite interviews, telephonic interviews and written surveys resulting in the identification of over 1,000 new requirements, including high-priority, specialized requirements in the Latent Services, Facial Recognition, and Multi-modal Biometrics areas. The NGI PO Staff hosted the IAFIS Interface Evaluation Task Force (IIETF) which reconvened at the CJIS Division on April 11 and 12, 2006 to continue the assessment of the NGI user requirements. At the conclusion of the meeting, the IIETF members collectively endorsed the priority and categorization of the NGI user requirements. Establishing user requirements will be essential to the successful design and development of NGI.

9. Did the Agency's Executive/Investment Committee approve this request?	Yes
a. If "yes," what was the date of this approval?	5/19/2006
10. Did the Project Manager review this Exhibit?	Yes
11. Contact information of Project Manager?	
Name	
Young, Chris A	
Phone Number	304-625-2712
Email	cyoung4@leo.gov
12. Has the agency developed and/or promoted cost effective, energy efficient and environmentally sustainable techniques or practices for this project.	No
a. Will this investment include electronic assets (including computers)?	Yes
b. Is this investment for new construction or major retrofit of a Federal building or facility? (answer applicable to non-IT assets only)	No
1. If "yes," is an ESPC or UESC being used to help fund this investment?	No
2. If "yes," will this investment meet sustainable design principles?	No
3. If "yes," is it designed to be 30% more energy efficient than relevant code?	
13. Does this investment support one of the PMA initiatives?	Yes
If "yes," check all that apply:	Expanded E-Government
13a. Briefly describe how this asset directly supports the identified initiative(s)?	The NGI initiatives will allow the FBI to provide new services to state, local, and federal partners that supports the President's Management Agenda for electronic government. The FBI has worked with these partnering agencies through collaborative meetings such as the NGI workshop, Advisory Policy Board (APB) Working Group meetings, Compact Council, and the IAFIS Interface Evaluation Task Force (IIETF) meetings to identify new service requirements.

14. Does this investment support a program assessed using the Program Assessment Rating Tool (PART)? (For more information about the PART, visit www.whitehouse.gov/omb/part.)	Yes
a. If "yes," does this investment address a weakness found during the PART review?	No
b. If "yes," what is the name of the PART program assessed by OMB's Program Assessment Rating Tool?	Criminal Justice Services
c. If "yes," what PART rating did it receive?	Moderately Effective
15. Is this investment for information technology?	Yes
If the answer to Question: "Is this investment for information technology?" was "Yes," complete this sub-section. If the answer is "No," do not answer this sub-section.	
For information technology investments only:	
16. What is the level of the IT Project? (per CIO Council PM Guidance)	Level 2
17. What project management qualifications does the Project Manager have? (per CIO Council PM Guidance):	(4) Project manager assigned but qualification status review has not yet started
18. Is this investment identified as "high risk" on the Q4 - FY 2006 agency high risk report (per OMB's "high risk" memo)?	Yes
19. Is this a financial management system?	No
a. If "yes," does this investment address a FFMI A compliance area?	No
1. If "yes," which compliance area:	
2. If "no," what does it address?	
b. If "yes," please identify the system name(s) and system acronym(s) as reported in the most recent financial systems inventory update required by Circular A-11 section 52	
20. What is the percentage breakout for the total FY2008 funding request for the following? (This should total 100%)	
Hardware	78
Software	5
Services	17

Other

0

21. If this project produces information dissemination products for the public, are these products published to the Internet in conformance with OMB Memorandum 05-04 and included in your agency inventory, schedules and priorities?

N/A

22. Contact information of individual responsible for privacy related questions:

Name

Kelley, Patrick W

Phone Number

202-324-8067

Title

Deputy General Counsel/Senior Privacy Official

E-mail

Patrick.Kelley@ic.fbi.gov

23. Are the records produced by this investment appropriately scheduled with the National Archives and Records Administration's approval?

Yes

I.B. Summary of Funding

Provide the total estimated life-cycle cost for this investment by completing the following table. All amounts represent budget authority in millions, and are rounded to three decimal places. Federal personnel costs should be included only in the row designated "Government FTE Cost," and should be excluded from the amounts shown for "Planning," "Full Acquisition," and "Operation/Maintenance." The total estimated annual cost of the investment is the sum of costs for "Planning," "Full Acquisition," and "Operation/Maintenance." For Federal buildings and facilities, life-cycle costs should include long term energy, environmental, decommissioning, and/or restoration costs. The costs associated with the entire life-cycle of the investment should be included in this report.

Table 1: SUMMARY OF SPENDING FOR PROJECT PHASES (REPORTED IN MILLIONS) (Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)									
	PY - 1 and Earlier	PY 2006	CY 2007	BY 2008	BY + 1 2009	BY + 2 2010	BY + 3 2011	BY + 4 and Beyond	Total
Planning									
Budgetary Resources	12.522	5.084	5	0					
Acquisition									

Budgetary Resources	0	0	102.5	77.005					
Subtotal Planning & Acquisition									
Budgetary Resources	12.522	5.084	107.5	77.005					
Operations & Maintenance									
Budgetary Resources	0	0	0	18.658					
TOTAL									
Budgetary Resources	12.522	5.084	107.5	95.663					
Government FTE Costs									
Budgetary Resources	1.573	3.035	3.086	3.157					
Number of FTE represented by Costs:	15	30	30	30					

Note: For the cross-agency investments, this table should include all funding (both managing partner and partner agencies). Government FTE Costs should not be included as part of the TOTAL represented.

2. Will this project require the agency to hire additional FTE's? Yes

a. If "yes," How many and in what year? 11, FY2006

3. If the summary of spending has changed from the FY2007 President's budget request, briefly explain those changes:

The following changes have been made to the summary of spending chart from that submitted within the FY 2007 President's Request: - The government FTE costs for the planning, acquisition, O&M and Total all Stages categories are only reflected within the Government FTE Costs area per the revised guidance. - Prior year data has been updated to reflect actual expenditures to date. - The FBI generated a government Life Cycle Cost Estimate (LCCE) for NGI in Fiscal Year (FY) 2004 that was used to support the formulation of the FY 2006 budget enhancement request and OMB 300 Exhibit for NGI.

I.C. Acquisition/Contract Strategy

1. Complete the table for all (including all non-Federal) contracts and/or task orders currently in place or planned for this investment. Total Value should include all option years for each contract. Contracts and/or task orders completed do not need to be included.

Contracts/Task Orders Table:

[Contracts/Task Orders Table](#)

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:

3. Do the contracts ensure Section 508 compliance?	Yes
a. Explain why:	Legislative Compliance
4. Is there an acquisition plan which has been approved in accordance with agency requirements?	No
a. If "yes," what is the date?	12/7/2004
b. If "no," will an acquisition plan be developed?	Yes
1. If "no," briefly explain why:	An acquisition plan has been developed for the following contracts: DJJ-05C-1113-D4 - 02/15/2004, DJJ-05-C-1114-WPR25 - 02/21/2006, DJJ-05-C-1114-WPR10 - 03/31/2005. A draft acquisition plan was developed for the future development contract on 06/29/2006. An acquisition plan that encompasses the entire program is not required in the LCMD until the program reaches Gate II. Prior to NGI reaching that milestone, an acquisition plan will be developed that includes the entire life cycle of the in

I.D. Performance Information

In order to successfully address this area of the exhibit 300, performance goals must be provided for the agency and be linked to the annual performance plan. The investment must discuss the agency's mission and strategic goals, and performance measures must be provided. These goals need to map to the gap in the agency's strategic goals and objectives this investment is designed to fill. They are the internal and external performance benefits this investment is expected to deliver to the agency (e.g., improve efficiency by 60 percent, increase citizen participation by 300 percent a year to achieve an overall citizen participation rate of 75 percent by FY 2xxx, etc.). The goals must be clearly measurable investment outcomes, and if applicable, investment outputs. They do not include the completion date of the module, milestones, or investment, or general goals, such as, significant, better, improved that do not have a quantitative or qualitative measure.

Agencies must use Table 1 below for reporting performance goals and measures for all non-IT investments and for existing IT investments that were initiated prior to FY 2005. The table can be extended to include measures for years beyond FY 2006.

Performance Information Table 1:					
Fiscal Year	Strategic Goal(s) Supported	Performance Measure	Actual/baseline (from Previous Year)	Planned Performance Metric (Target)	Performance Metric Results (Actual)

All new IT investments initiated for FY 2005 and beyond must use Table 2 and are required to use the Federal Enterprise Architecture (FEA) Performance Reference Model (PRM). Please use Table 2 and the PRM to identify the performance

information pertaining to this major IT investment. Map all Measurement Indicators to the corresponding "Measurement Area" and "Measurement Grouping" identified in the PRM. There should be at least one Measurement Indicator for at least four different Measurement Areas (for each fiscal year). The PRM is available at www.egov.gov.

Performance Information Table 2:

Fiscal Year	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Planned Improvement to the Baseline	Actual Results
2005	Customer Results	Service Accessibility	Access	Record Retention Percentage	46% of criminal arrests retained in the IAFIS repository contain disposition information.	The number of criminal arrests that contain disposition information retained in the IAFIS repository will increase to 55% within one year of new capability.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2008.
2005	Customer Results	Service Accessibility	Access	Civil File Search Response	No capability for electronic civil file searches within IAFIS.	NGI response is generated to authorized agency within 24 hours.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2005	Customer Results	Service Coverage	New Customers and Market Penetration	Flat Fingerprint acceptance rate	IAFIS currently accepts flat fingerprint impressions on a very limited basis.	100% of Agencies transmitting civil applicant fingerprint submissions will have the capability to submit ten-flat fingerprint impressions instead of ten-rolled fingerprint impressions.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2009.
2005	Customer Results	Service Coverage	Service Efficiency	Ten-Print Transactions Processed Per day	IAFIS is currently capable of processing 160,000 ten-print transactions per day.	NGI will allow IAFIS to process 200,000 ten-print transactions per day with increased scalability.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2005	Customer Results	Service Coverage	Service Efficiency	Latent search capability	IAFIS daily latent search capability is 1052 transactions per day.	NGI will increase the IAFIS daily latent search capability to 1500 transactions per day	NGI is in the planning phase. Expected functionality is planned to be delivered in

							FY2010.
2005	Customer Results	Timeliness and Responsiveness	Response Time	Criminal Ten Print Response Time	IAFIS processes 95% of electronic criminal ten-print transactions within two hours.	NGI will allow IAFIS to process 95% of electronic criminal ten-print transactions within 15 minutes.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2005	Customer Results	Timeliness and Responsiveness	Response Time	Civil Ten Print Response Time	IAFIS processes 99% of electronic civil ten-print transactions within 24 hours.	NGI will be capable of processing 99% of electronic civil ten-print transactions within 8 hours.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2005	Mission and Business Results	Homeland Security	Border and Transportation Security	Response Time for search of a known or suspected terrorist or wanted person	No IAFIS capability to provide a fast response to searches of a known or suspected terrorist and wanted person database.	Respond to 80% of all ETIS transactions within 10 seconds.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2008.
2005	Mission and Business Results	Law Enforcement	Crime Prevention	Accept and Store rate for palm prints	No IAFIS capability to accept and store palm print submissions from local, state, and federal law enforcement and criminal justice agencies nationwide.	Add capability to accept and store up to 10,000 palm print submissions per day from state, local, and federal law enforcement agencies	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2009
2005	Mission and Business Results	Law Enforcement	Crime Prevention	Palm Print Search Capability	IAFIS capability does not exist to search submitted palm prints against a repository to provide a list of candidates for latent palm print comparison to support criminal investigations.	Enhancement is in planning and development phase to add capability to search palm prints against a repository to provide a list of candidates for latent palm print comparison to support criminal investigations.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2009.
2005	Mission and Business Results	Law Enforcement	Crime Prevention	Response Time for Rap Back Notification	No rap back functionality currently exists within IAFIS. Authorized participating agencies can not be electronically	NGI Rap back notifications will be provided within 24 hours of arrest submission.	NGI is in the planning phase. Expected functionality is planned to be

					notified when an enrolled employee has a subsequent arrest.		delivered in FY2010.
2005	Processes and Activities	Productivity and Efficiency	Efficiency	Manual QC Process rate	50% of all ten-print submissions require a manual QC process.	QC Automation will reduce the manual QC function to approximately 25% of all ten-print transactions	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2007.
2005	Processes and Activities	Productivity and Efficiency	Efficiency	Ten Print Transaction Reject Rate	Reject rate for FY 04 was approximately 5%. Inconsistent manual QC decisions result in a higher number of rejects.	QC Automation will reduce the ten-print transactions reject rate to 4%.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2007.
2005	Technology	Efficiency	Improvement	Accuracy Rate	The AFIS accuracy rate for ten print transactions is 95%	Increase the AFIS accuracy rate for ten print transactions to as close to 100% as technically feasible.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2005	Technology	Quality	Functionality	Photo Search Capability	Currently there is no search capability for photos contained within the IPS.	Allow search capability for facial, scar, mark, and tattoo photos	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2009.
2005	Technology	Quality	Functionality	Capacity Rate	The Interstate Photo System contains 1,284,518 photos and these photos can only be accepted when submitted with an arrest transaction.	Increase the IPS by 20% within one year of these new capabilities.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2009.
2005	Technology	Quality	Functionality	Increase Capacity per record	Currently IAFIS will accept four photos with each arrest transaction (known as a photo set). The IPS	Increase the number of photos submitted to 10 per arrest transaction and increase the number of photo sets per FBI	NGI is in the planning phase. Expected functionality is

					will retain up to ten photo sets per FBI record.	record to 25.	planned to be delivered in FY2009.
2005	Technology	Reliability and Availability	Availability	System Availability	IAFIS is available 24 hours a day, 7 days a week, with only 4 hours a month for scheduled system outages for maintenance or upgrades.	NGI will allow system availability 24 hours a day, 7 days a week, 365 days a year with 0 downtime.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2005	Technology	Reliability and Availability	Reliability	Search Penetration Rate	The IAFIS search penetration rate is 30%.	NGI will increase the IAFIS search penetration rate to 60%.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2006	Customer Results	Service Accessibility	Access	Record Retention Percentage	46% of criminal arrests retained in the IAFIS repository contain disposition information.	The number of criminal arrests that contain disposition information retained in the IAFIS repository will increase to 55% within one year of new capability.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2008.
2006	Customer Results	Service Accessibility	Access	Civil File Search Response	No capability for electronic civil file searches within IAFIS.	NGI response is generated to authorized agency within 24 hours.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2006	Customer Results	Service Coverage	New Customers and Market Penetration	Flat Fingerprint Acceptance Rate	IAFIS currently accepts flat fingerprint impressions on a very limited basis.	100% of Agencies transmitting civil applicant fingerprint submissions will have the capability to submit ten-flat fingerprint impressions instead of ten-rolled fingerprint impressions.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2009.
2006	Customer Results	Service Coverage	Service Efficiency	Ten Print Transactions per day	IAFIS is currently capable of processing 160,000 ten-print transactions per day.	NGI will allow IAFIS to process 200,000 ten-print transactions per day with increased scalability.	NGI is in the planning phase. Expected functionality is

							planned to be delivered in FY2010.
2006	Customer Results	Service Coverage	Service Efficiency	Latent Search Capability	IAFIS daily latent search capability is 1052 transactions per day.	NGI will increase the IAFIS daily latent search capability to 1500 transactions per day.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2006	Customer Results	Timeliness and Responsiveness	Response Time	Criminal Ten Print Response Time	IAFIS processes 95% of electronic criminal ten-print transactions within two hours.	NGI will allow IAFIS to process 95% of electronic criminal ten-print transactions within 15 minutes.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
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2006	Mission and Business Results	Homeland Security	Border and Transportation Security	Response Time for search of a known or suspected terrorist or wanted person	No IAFIS capability to provide a fast response to searches of a known or suspected terrorist and wanted person database.	Respond to 80% of all ETIS transactions within 10 seconds.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2008.
2006	Mission and Business Results	Law Enforcement	Crime Prevention	Accept and Store rate for palm prints	No IAFIS capability to accept and store palm print submissions from local, state, and federal law enforcement and criminal justice agencies nationwide.	Add capability to accept and store up to 10,000 palm print submissions per day from state, local, and federal law enforcement agencies	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2009.
2006	Mission and Business Results	Law Enforcement	Crime Prevention	Palm Print Search Capability	IAFIS capability does not exist to search submitted palm prints against a repository to provide a list	Enhancement is in planning and development phase to add capability to search palm prints against a repository to	NGI is in the planning phase. Expected functionality is

					of candidates for latent palm print comparison to support criminal investigations.	provide a list of candidates for latent palm print comparison to support criminal investigations	planned to be delivered in FY2009.
2006	Mission and Business Results	Law Enforcement	Crime Prevention	Response Time for Rap Back Notification	No rap back functionality currently exists within IAFIS. Authorized participating agencies can not be electronically notified when an enrolled employee has a subsequent arrest.	NGI Rap back notifications will be provided within 24 hours of arrest submission.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2006	Processes and Activities	Productivity and Efficiency	Efficiency	Manual QC Process rate	50% of all ten-print submissions require a manual QC process.	QC Automation will reduce the manual QC function to approximately 25% of all ten-print transactions.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2007.
2006	Processes and Activities	Productivity and Efficiency	Efficiency	Ten Print Transaction Reject Rate	Reject rate for FY 04 was approximately 5%. Inconsistent manual QC decisions result in a higher number of rejects.	QC Automation will reduce the ten-print transactions reject rate to 4%.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2007.
2006	Technology	Efficiency	Improvement	Accuracy Rate	The AFIS accuracy rate for ten print transactions is 95%	Increase the AFIS accuracy rate for ten print transactions to as close to 100% as technically feasible.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2006	Technology	Quality	Functionality	Photo Search Capability	Currently there is no search capability for photos contained within the IPS.	Allow search capability for facial, scar, mark, and tattoo photos.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2009.
2006	Technology	Quality	Functionality	Capacity Rate	The Interstate Photo System contains 1,284,518	Increase the IPS by 20% within one year of these new	NGI is in the planning phase.

					photos and these photos can only be accepted when submitted with an arrest transaction.	capabilities.	Expected functionality is planned to be delivered in FY2009.
2006	Technology	Quality	Functionality	Increase Capacity per record	Currently IAFIS will accept four photos with each arrest transaction (known as a photo set). The IPS will retain up to ten photo sets per FBI record.	Increase the number of photos submitted to 10 per arrest transaction and increase the number of photo sets per FBI record to 25.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2009.
2006	Technology	Reliability and Availability	Availability	System Availability	IAFIS is available 24 hours a day, 7 days a week, with only 4 hours a month for scheduled system outages for maintenance or upgrades.	NGI will allow system availability 24 hours a day, 7 days a week, 365 days a year with 0 downtime.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2006	Technology	Reliability and Availability	Reliability	Search Penetration Rate	The IAFIS search penetration rate is 30%.	NGI will increase the IAFIS search penetration rate to 60%.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2007	Customer Results	Service Accessibility	Access	Record Retention Percentage	46% of criminal arrests retained in the IAFIS repository contain disposition information.	The number of criminal arrests that contain disposition information retained in the IAFIS repository will increase to 55% within one year of new capability.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2008.
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	Results				submissions from local, state, and federal law enforcement and criminal justice agencies nationwide.	submissions per day from state, local, and federal law enforcement agencies.	Expected functionality is planned to be delivered in FY2009.
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2008	Customer Results	Service Accessibility	Access	Civil File Search Response	No capability for electronic civil file searches within IAFIS.	NGI response is generated to authorized agency within 24 hours.	NGI is in the planning phase. Expected functionality is planned to be delivered in

							FY2010.
2008	Customer Results	Service Coverage	Frequency and Depth	Latent Search Capability	IAFIS daily latent search capability is 1052 transactions per day.	NGI will increase the IAFIS daily latent search capability to 1500 transactions per day.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2008	Customer Results	Service Coverage	New Customers and Market Penetration	Flat Fingerprint Acceptance Rate	IAFIS currently accepts flat fingerprint impressions on a very limited basis.	100% of Agencies transmitting civil applicant fingerprint submissions will have the capability to submit ten-flat fingerprint impressions instead of ten-rolled fingerprint impressions.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2009.
2008	Customer Results	Service Coverage	Service Efficiency	Ten Print Transactions per day	IAFIS is currently capable of processing 160,000 ten-print transactions per day.	NGI will allow IAFIS to process 200,000 ten-print transactions per day with increased scalability.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2008	Customer Results	Timeliness and Responsiveness	Response Time	Criminal Ten Print Response Time	IAFIS processes 95% of electronic criminal ten-print transactions within two hours.	NGI will allow IAFIS to process 95% of electronic criminal ten-print transactions within 15 minutes.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2008	Customer Results	Timeliness and Responsiveness	Response Time	Civil Ten Print Response Time	IAFIS processes 99% of electronic civil ten-print transactions within 24 hours.	NGI will be capable of processing 99% of electronic civil ten-print transactions within 8 hours.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2008	Mission and Business Results	Homeland Security	Border and Transportation Security	Response Time for search of a known or suspected terrorist or wanted person	No IAFIS capability to provide a fast response to searches of a known or suspected terrorist and wanted person database.	Respond to 80% of all ETIS transactions within 10 seconds.	TBD

2008	Mission and Business Results	Law Enforcement	Crime Prevention	Accept and Store rate for palm prints	No IAFIS capability to accept and store palm print submissions from local, state, and federal law enforcement and criminal justice agencies nationwide.	Add capability to accept and store up to 10,000 palm print submissions per day from state, local, and federal law enforcement agencies.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2009.
2008	Mission and Business Results	Law Enforcement	Crime Prevention	Palm Print Search Capability	IAFIS capability does not exist to search submitted palm prints against a repository to provide a list of candidates for latent palm print comparison to support criminal investigations.	Enhancement is in planning and development phase to add capability to search palm prints against a repository to provide a list of candidates for latent palm print comparison to support criminal investigations.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2009.
2008	Mission and Business Results	Law Enforcement	Crime Prevention	Response Time for Rap Back Notification	No rap back functionality currently exists within IAFIS. Authorized participating agencies can not be electronically notified when an enrolled employee has a subsequent arrest.	NGI Rap back notifications will be provided within 24 hours of arrest submission.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2008	Processes and Activities	Productivity and Efficiency	Efficiency	Manual QC Process rate	Approximately 25% of all ten-print submissions will require a manual QC process.	Maintain manual QC processing at no more than 25% of all ten-print transactions.	TBD
2008	Processes and Activities	Productivity and Efficiency	Efficiency	Ten Print Transaction Reject Rate	Reject rate for is 4% due to the automation of QC.	Maintain reject rate of 4%.	TBD
2008	Technology	Efficiency	Improvement	Accuracy Rate	The AFIS accuracy rate for ten print transactions is 95%	Increase the AFIS accuracy rate for ten print transactions to as close to 100% as technically feasible.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2008	Technology	Quality	Functionality	Photo Search Capability	Currently there is no search capability for photos contained within the IPS.	Allow search capability for facial, scar, mark, and tattoo photos.	NGI is in the planning phase. Expected functionality is planned to be

							delivered in FY2009.
2008	Technology	Quality	Functionality	Capacity Rate	The Interstate Photo System contains 1,284,518 photos and these photos can only be accepted when submitted with an arrest transaction.	Increase the IPS by 20% within one year of these new capabilities.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2009.
2008	Technology	Quality	Functionality	Increase Capacity per record	Currently IAFIS will accept four photos with each arrest transaction (known as a photo set). The IPS will retain up to ten photo sets per FBI record.	Increase the number of photos submitted to 10 per arrest transaction and increase the number of photo sets per FBI record to 25.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2009.
2008	Technology	Reliability and Availability	Availability	System Availability	IAFIS is available 24 hours a day, 7 days a week, with only 4 hours a month for scheduled system outages for maintenance or upgrades.	NGI will allow system availability 24 hours a day, 7 days a week, 365 days a year with 0 downtime.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2008	Technology	Reliability and Availability	Reliability	Search Penetration Rate	The IAFIS search penetration rate is 30%.	NGI will increase the IAFIS search penetration rate to 60%.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2009	Customer Results	Service Accessibility	Access	Record Retention Percentage	55% of criminal arrests retained in the IAFIS repository will contain disposition information.	60% of criminal arrests will contain disposition information within the IAFIS repository.	TBD
2009	Customer Results	Service Accessibility	Access	Civil File Search Response	No capability for electronic civil file searches within IAFIS.	NGI response is generated to authorized agency within 24 hours.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.

2009	Customer Results	Service Coverage	New Customers and Market Penetration	Flat Fingerprint Acceptance Rate	IAFIS currently accepts flat fingerprint impressions on a very limited basis.	100% of Agencies transmitting civil applicant fingerprint submissions will have the capability to submit ten-flat fingerprint impressions instead of ten-rolled fingerprint impressions.	TBD
2009	Customer Results	Service Coverage	Service Efficiency	Latent Search Capability	IAFIS is currently capable of processing 160,000 ten-print transactions per day.	NGI will allow IAFIS to process 200,000 ten-print transactions per day with increased scalability.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2009	Customer Results	Service Coverage	Service Efficiency	Civil File Search Response	IAFIS daily latent search capability is 1052 transactions per day.	NGI will increase the IAFIS daily latent search capability to 1500 transactions per day.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2009	Customer Results	Timeliness and Responsiveness	Response Time	Criminal Ten Print Response Time	IAFIS processes 95% of electronic criminal ten-print transactions within two hours.	NGI will allow IAFIS to process 95% of electronic criminal ten-print transactions within 15 minutes.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2009	Customer Results	Timeliness and Responsiveness	Response Time	Civil Ten Print Response Time	IAFIS processes 99% of electronic civil ten-print transactions within 24 hours.	NGI will be capable of processing 99% of electronic civil ten-print transactions within 8 hours.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2009	Mission and Business Results	Homeland Security	Border and Transportation Security	Response Time for search of a known or suspected terrorist or wanted person	Respond to 80% of all ETIS transactions within 10 seconds.	Maintain 80% of all ETIS transactions to complete within 10 seconds.	TBD
2009	Mission and Business	Law Enforcement	Crime Prevention	Accept and Store rate for palm prints	No IAFIS capability to accept and store palm print	Add capability to accept and store up to 10,000 palm print	TBD

	Results				submissions from local, state, and federal law enforcement and criminal justice agencies nationwide.	submissions per day from state, local, and federal law enforcement agencies.	
2009	Mission and Business Results	Law Enforcement	Crime Prevention	Palm Print Search Capability	IAFIS capability does not exist to search submitted palm prints against a repository to provide a list of candidates for latent palm print comparison to support criminal investigations.	Enhancement is in planning and development phase to add capability to search palm prints against a repository to provide a list of candidates for latent palm print comparison to support criminal investigations.	TBD
2009	Mission and Business Results	Law Enforcement	Crime Prevention	Response Time for Rap Back Notification	No rap back functionality currently exists within IAFIS. Authorized participating agencies can not be electronically notified when an enrolled employee has a subsequent arrest.	NGI Rap back notifications will be provided within 24 hours of arrest submission.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2009	Processes and Activities	Productivity and Efficiency	Efficiency	Manual QC Process rate	Approximately 25% of all ten-print submissions will require a manual QC process.	Maintain manual QC processing at no more than 25% of all ten-print transactions.	TBD
2009	Processes and Activities	Productivity and Efficiency	Efficiency	Ten Print Transaction Reject Rate	Reject rate for is 4% due to the automation of QC.	Maintain reject rate of 4%.	TBD
2009	Technology	Efficiency	Improvement	Accuracy Rate	The AFIS accuracy rate for ten print transactions is 95%	Increase the AFIS accuracy rate for ten print transactions to as close to 100% as technically feasible.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2009	Technology	Quality	Functionality	Photo Search Capability	Currently there is no search capability for photos contained within the IPS.	Allow search capability for facial, scar, mark, and tattoo photos.	TBD
2009	Technology	Quality	Functionality	Increase Capacity	The Interstate Photo System contains 1,284,518 photos and these photos can only be accepted when	Increase the IPS by 20% within one year of these new capabilities.	TBD

					submitted with an arrest transaction.		
2009	Technology	Quality	Functionality	Increase Capacity per record	Currently IAFIS will accept four photos with each arrest transaction (known as a photo set). The IPS will retain up to ten photo sets per FBI record.	Increase the number of photos submitted to 10 per arrest transaction and increase the number of photo sets per FBI record to 25.	TBD
2009	Technology	Reliability and Availability	Availability	System Availability	IAFIS is available 24 hours a day, 7 days a week, with only 4 hours a month for scheduled system outages for maintenance or upgrades.	NGI will allow system availability 24 hours a day, 7 days a week, 365 days a year with 0 downtime.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2009	Technology	Reliability and Availability	Reliability	Search Penetration Rate	The IAFIS search penetration rate is 30%.	NGI will increase the IAFIS search penetration rate to 60%.	NGI is in the planning phase. Expected functionality is planned to be delivered in FY2010.
2010	Customer Results	Service Accessibility	Access	Record Retention Percentage	55% of criminal arrests retained in the IAFIS repository will contain disposition information.	60% of criminal arrests will contain disposition information within the IAFIS repository.	TBD
2010	Customer Results	Service Accessibility	Access	Civil File Search Response	No capability for electronic civil file searches within IAFIS.	NGI response is generated to authorized agency within 24 hours.	TBD
2010	Customer Results	Service Coverage	New Customers and Market Penetration	Flat Fingerprint Acceptance Rate	100% of Agencies transmitting civil applicant fingerprint submissions will have the capability to submit ten-flat fingerprint impressions instead of ten-rolled fingerprint impressions.	Maintain the ability for 100% of Agencies transmitting civil applicant fingerprint submissions to have the capability to submit ten-flat fingerprint impressions instead of ten-rolled fingerprint impressions.	TBD
2010	Customer Results	Service Coverage	Service Efficiency	Latent Search Capability	IAFIS is currently capable of processing 160,000 ten-print transactions per day.	NGI will allow IAFIS to process 200,000 ten-print transactions per day with increased scalability.	TBD

2010	Customer Results	Service Coverage	Service Efficiency	Civil File Search Response	IAFIS daily latent search capability is 1052 transactions per day.	NGI will increase the IAFIS daily latent search capability to 1500 transactions per day.	TBD
2010	Customer Results	Timeliness and Responsiveness	Response Time	Criminal Ten Print Response Time	IAFIS processes 95% of electronic criminal ten-print transactions within two hours.	NGI will allow IAFIS to process 95% of electronic criminal ten-print transactions within 15 minutes.	TBD
2010	Customer Results	Timeliness and Responsiveness	Response Time	Civil Ten Print Response Time	IAFIS processes 99% of electronic civil ten-print transactions within 24 hours.	NGI will be capable of processing 99% of electronic civil ten-print transactions within 8 hours.	TBD
2010	Mission and Business Results	Homeland Security	Border and Transportation Security	Response Time for search of a known or suspected terrorist or wanted person	Respond to 80% of all ETIS transactions within 10 seconds	Maintain 80% of all ETIS transactions to complete within 10 seconds.	TBD
2010	Mission and Business Results	Law Enforcement	Crime Prevention	Accept and Store rate for palm prints	Capability to accept and store up to 10,000 palm print submissions per day from state, local, and federal law enforcement agencies.	Increase the number of palm print submissions accepted and stored by 10%.	TBD
2010	Mission and Business Results	Law Enforcement	Crime Prevention	Palm Print Search Capability	Capability to search palm prints against a repository to provide a list of candidates for latent palm print comparison to support criminal investigations.	Maintain capability to search palm prints against a repository to provide a list of candidates for latent palm print comparison to support criminal investigations.	TBD
2010	Mission and Business Results	Law Enforcement	Crime Prevention	Response Time for Rap Back Notification	No rap back functionality currently exists within IAFIS. Authorized participating agencies can not be electronically notified when an enrolled employee has a subsequent arrest.	NGI Rap back notifications will be provided within 24 hours of arrest submission.	TBD
2010	Processes and Activities	Productivity and Efficiency	Efficiency	Manual QC Process rate	Approximately 25% of all ten-print submissions will require a manual QC process.	Maintain manual QC processing at no more than 25% of all ten-print transactions.	TBD
2010	Processes and	Productivity and	Efficiency	Ten Print	Reject rate for is 4% due to	Maintain reject rate of 4%.	TBD

	Activities	Efficiency		Transaction Reject Rate	the automation of QC.		
2010	Technology	Efficiency	Improvement	Accuracy Rate	The AFIS accuracy rate for ten print transactions is 95%	Increase the AFIS accuracy rate for ten print transactions to as close to 100% as technically feasible.	TBD
2010	Technology	Quality	Functionality	Photo Search Capability	Capability to search capability for facial, scar, mark, and tattoo photos.	Maintain search capability for facial, scar, mark, and tattoo photos.	TBD
2010	Technology	Quality	Functionality	Increase Capacity	The Interstate Photo System will contain at least 1,541,421 photos.	Increase the number of IPS photos by 10%.	TBD
2010	Technology	Quality	Functionality	Increase Capacity per record	IAFIS will accept 10 photos per arrest transaction and maintain 25 photo sets per FBI record.	Continue to accept 10 photos per arrest transaction and maintain 25 photo sets per FBI record.	TBD
2010	Technology	Reliability and Availability	Availability	System Availability	IAFIS is available 24 hours a day, 7 days a week, with only 4 hours a month for scheduled system outages for maintenance or upgrades.	NGI will allow system availability 24 hours a day, 7 days a week, 365 days a year with 0 downtime.	TBD
2010	Technology	Reliability and Availability	Reliability	Search Penetration Rate	The IAFIS search penetration rate is 30%.	NGI will increase the IAFIS search penetration rate to 60%.	TBD
2011	Customer Results	Service Accessibility	Access	Record Retention Percentage	60% of criminal arrests retained in the IAFIS repository will contain disposition information.	65% of criminal arrests will contain disposition information within in the IAFIS repository.	TBD
2011	Customer Results	Service Accessibility	Access	Civil File Search Response	IAFIS civil response generation to authorized agencies within 24 hours.	Maintain IAFIS civil response generation to authorized agencies within 24 hours.	TBD
2011	Customer Results	Service Coverage	New Customers and Market Penetration	Flat Fingerprint Acceptance Rate	100% of Agencies transmitting civil applicant fingerprint submissions will have the capability to submit ten-flat fingerprint impressions instead of ten-rolled fingerprint impressions.	Maintain the ability for 100% of Agencies transmitting civil applicant fingerprint submissions to have the capability to submit ten-flat fingerprint impressions instead of ten-rolled fingerprint impressions.	TBD

2011	Customer Results	Service Coverage	Service Efficiency	Latent Search Capability	IAFIS will be capable of processing 200,000 ten-print transactions per day with increased scalability.	Maintain ability for IAFIS to process 200,000 ten-print transactions per day with increased scalability.	TBD
2011	Customer Results	Service Coverage	Service Efficiency	Civil File Search Response	IAFIS daily latent search capability will be 1500 transactions per day.	Maintain IAFIS daily latent search capability at a minimum of 1500 transactions per day.	TBD
2011	Customer Results	Timeliness and Responsiveness	Response Time	Criminal Ten Print Response Time	IAFIS will process 95% of electronic criminal ten-print transactions within 15 minutes.	Maintain ability for IAFIS to process 95% of electronic criminal ten-print transactions within 15 minutes.	TBD
2011	Customer Results	Timeliness and Responsiveness	Response Time	Civil Ten Print Response Time	IAFIS will be capable of processing 99% of electronic civil ten-print transactions within 8 hours.	Maintain IAFIS capability of processing 99% of electronic civil ten-print transactions within 8 hours.	TBD
2011	Mission and Business Results	Homeland Security	Border and Transportation Security	Response Time for search of a known or suspected terrorist or wanted person	Respond to 80% of all ETIS transactions within 10 seconds.	Maintain 80% of all ETIS transactions to complete within 10 seconds.	TBD
2011	Mission and Business Results	Law Enforcement	Crime Prevention	Accept and Store rate for palm prints	Accept and store 11,000 palm print submissions per day from local, state, and federal law enforcement and criminal justice agencies nationwide.	Increase the number of palm print submissions accepted and stored by 10%.	TBD
2011	Mission and Business Results	Law Enforcement	Crime Prevention	Palm Print Search Capability	Capability to search palm prints against a repository to provide a list of candidates for latent palm print comparison to support criminal investigations.	Maintain capability to search palm prints against a repository to provide a list of candidates for latent palm print comparison to support criminal investigations.	TBD
2011	Mission and Business Results	Law Enforcement	Crime Prevention	Response Time for Rap Back Notification	IAFIS will provide Rap back notifications within 24 hours of arrest submission.	Maintain IAFIS ability to provide Rap back notifications within 24 hours of arrest submission.	TBD
2011	Processes and Activities	Productivity and Efficiency	Efficiency	Manual QC Process rate	Approximately 25% of all ten-print submissions will require a manual QC process.	Maintain manual QC processing at no more than 25% of all ten-print transactions.	TBD

2011	Processes and Activities	Productivity and Efficiency	Efficiency	Ten Print Transaction Reject Rate	Reject rate for is 4% due to the automation of QC.	Maintain reject rate of 4%.	TBD
2011	Technology	Efficiency	Improvement	Accuracy Rate	The AFIS accuracy rate for ten print transactions will be as close to 100% as technically feasible.	Maintain the AFIS accuracy rate for ten print transactions to as close to 100% as technically feasible.	TBD
2011	Technology	Quality	Functionality	Photo Search Capability	Capability to search capability for facial, scar, mark, and tattoo photos.	Maintain search capability for facial, scar, mark, and tattoo photos.	TBD
2011	Technology	Quality	Functionality	Increase Capacity	The Interstate Photo System will contain at least 1,695,563 photos.	Increase the number of IPS photos by 10%.	TBD
2011	Technology	Quality	Functionality	Increase Capacity per record	IAFIS will accept 10 photos per arrest transaction and maintain 25 photo sets per FBI record.	Continue to accept 10 photos per arrest transaction and maintain 25 photo sets per FBI record.	TBD
2011	Technology	Reliability and Availability	Availability	System Availability	IAFIS will be available 24 hours a day, 7 days a week, with 0 system outages for maintenance or upgrades.	Maintain IAFIS availability 24 hours a day, 7 days a week, with 0 system outages for maintenance or upgrades.	TBD
2011	Technology	Reliability and Availability	Reliability	Search Penetration Rate	The IAFIS search penetration rate will be 60%.	Maintain IAFIS search penetration rate at 60%.	TBD
2012	Customer Results	Service Accessibility	Access	Record Retention Percentage	65% of criminal arrests retained in the IAFIS repository will contain disposition information.	Maintain at least 65% of criminal arrests with disposition information within in the IAFIS repository.	TBD
2012	Customer Results	Service Accessibility	Access	Civil File Search Response	IAFIS civil response generation to authorized agencies within 24 hours.	Maintain IAFIS civil response generation to authorized agencies within 24 hours.	TBD
2012	Customer Results	Service Coverage	New Customers and Market Penetration	Flat Fingerprint Acceptance Rate	100% of Agencies transmitting civil applicant fingerprint submissions will have the capability to submit ten-flat fingerprint impressions instead of ten-rolled fingerprint impressions.	Maintain the ability for 100% of Agencies transmitting civil applicant fingerprint submissions to have the capability to submit ten-flat fingerprint impressions instead of ten-rolled fingerprint impressions.	TBD

2012	Customer Results	Service Coverage	Service Efficiency	Latent Search Capability	IAFIS will be capable of processing 200,000 ten-print transactions per day with increased scalability.	Maintain ability for IAFIS to process 200,000 ten-print transactions per day with increased scalability.	TBD
2012	Customer Results	Service Coverage	Service Efficiency	Civil File Search Response	IAFIS daily latent search capability will be 1500 transactions per day.	Maintain IAFIS daily latent search capability at a minimum of 1500 transactions per day.	TBD
2012	Customer Results	Timeliness and Responsiveness	Response Time	Criminal Ten Print Response Time	IAFIS will process 95% of electronic criminal ten-print transactions within 15 minutes.	Maintain ability for IAFIS to process 95% of electronic criminal ten-print transactions within 15 minutes.	TBD
2012	Customer Results	Timeliness and Responsiveness	Response Time	Civil Ten Print Response Time	IAFIS will be capable of processing 99% of electronic civil ten-print transactions within 8 hours.	Maintain IAFIS capability of processing 99% of electronic civil ten-print transactions within 8 hours.	TBD
2012	Mission and Business Results	Homeland Security	Border and Transportation Security	Response Time for search of a known or suspected terrorist or wanted person	Respond to 80% of all ETIS transactions within 10 seconds.	Maintain 80% of all ETIS transactions to complete within 10 seconds.	TBD
2012	Mission and Business Results	Law Enforcement	Crime Prevention	Accept and Store rate for palm prints	Accept and store 12,100 palm print submissions per day from local, state, and federal law enforcement and criminal justice agencies nationwide.	Increase the number of palm print submissions accepted and stored by 10%.	TBD
2012	Mission and Business Results	Law Enforcement	Crime Prevention	Palm Print Search Capability	Capability to search palm prints against a repository to provide a list of candidates for latent palm print comparison to support criminal investigations.	Maintain capability to search palm prints against a repository to provide a list of candidates for latent palm print comparison to support criminal investigations.	TBD
2012	Mission and Business Results	Law Enforcement	Crime Prevention	Response Time for Rap Back Notification	IAFIS will provide Rap back notifications within 24 hours of arrest submission.	Maintain IAFIS ability to provide Rap back notifications within 24 hours of arrest submission.	TBD
2012	Processes and Activities	Productivity and Efficiency	Efficiency	Manual QC Process rate	Approximately 25% of all ten-print submissions will require a manual QC process.	Maintain manual QC processing at no more than 25% of all ten-print transactions.	TBD

2012	Processes and Activities	Productivity and Efficiency	Efficiency	Ten Print Transaction Reject Rate	Reject rate for is 4% due to the automation of QC.	Maintain reject rate of 4%.	TBD
2012	Technology	Efficiency	Improvement	Accuracy Rate	The AFIS accuracy rate for ten print transactions will be as close to 100% as technically feasible.	Maintain the AFIS accuracy rate for ten print transactions to as close to 100% as technically feasible.	TBD
2012	Technology	Quality	Functionality	Photo Search Capability	Capability to search capability for facial, scar, mark, and tattoo photos.	Maintain search capability for facial, scar, mark, and tattoo photos.	TBD
2012	Technology	Quality	Functionality	Increase Capacity	The Interstate Photo System will contain at least 1,865,119 photos.	Increase the number of IPS photos by 10%.	TBD
2012	Technology	Quality	Functionality	Increase Capacity per record	IAFIS will accept 10 photos per arrest transaction and maintain 25 photo sets per FBI record.	Continue to accept 10 photos per arrest transaction and maintain 25 photo sets per FBI record.	TBD
2012	Technology	Reliability and Availability	Availability	System Availability	IAFIS will be available 24 hours a day, 7 days a week, with 0 system outages for maintenance or upgrades.	Maintain IAFIS availability 24 hours a day, 7 days a week, with 0 system outages for maintenance or upgrades.	TBD
2012	Technology	Reliability and Availability	Reliability	Search Penetration Rate	The IAFIS search penetration rate will be 60%.	Maintain IAFIS search penetration rate at 60%.	TBD

I.E. Security and Privacy

In order to successfully address this area of the business case, each question below must be answered at the system/application level, not at a program or agency level. Systems supporting this investment on the planning and operational systems security tables should match the systems on the privacy table below. Systems on the Operational Security Table must be included on your agency FISMA system inventory and should be easily referenced in the inventory (i.e., should use the same name or identifier).

All systems supporting and/or part of this investment should be included in the tables below, inclusive of both agency owned systems and contractor systems. For IT investments under development, security and privacy planning must proceed in parallel with the development of the system/s to ensure IT security and privacy requirements and costs are identified and

incorporated into the overall lifecycle of the system/s.

Please respond to the questions below and verify the system owner took the following actions:

1. Have the IT security costs for the system(s) been identified and integrated into the overall costs of the investment:	Yes
a. If "yes," provide the "Percentage IT Security" for the budget year:	4.30
2. Is identifying and assessing security and privacy risks a part of the overall risk management effort for each system supporting or part of this investment.	Yes

3. Systems in Planning - Security Table:

Name of System	Agency/ or Contractor Operated System?	Planned Operational Date	Planned or Actual C&A Completion Date
Advanced Fingerprint Identification Technology (AFIT)	Government Only	9/30/2010	8/31/2010
Disposition Reporting Improvements	Government Only	9/30/2008	8/31/2008
Enhanced IAFIS Repository	Government Only	9/30/2010	8/31/2010
Enhanced Terrorist Identification Service (ETIS)	Government Only	9/30/2008	8/31/2008
Interstate Photo System (IPS) Enhancements	Government Only	9/30/2009	8/31/2009
National Palm Print System	Government Only	9/30/2009	8/31/2009
Quality Check Automation	Government Only	9/28/2007	8/31/2007

4. Operational Systems - Security Table:

Name of System	Agency/ or Contractor Operated System?	NIST FIPS 199 Risk Impact level	Has C&A been Completed, using NIST 800-37?	Date C&A Complete	What standards were used for the Security Controls tests?	Date Complete(d): Security Control Testing	Date the contingency plan tested
IAFIS	Contractor and Government		Yes	5/16/2006	FIPS 200 / NIST 800-53	2/17/2006	4/20/2006

5. Have any weaknesses related to any of the systems part of or supporting this investment been identified by the agency or IG?

a. If "yes," have those weaknesses been incorporated agency's plan of action and milestone process?

6. Indicate whether an increase in IT security funding is requested to remediate IT security weaknesses?

a. If "yes," specify the amount, provide a general description of the weakness, and explain how the funding request will remediate the weakness.

7. How are contractor security procedures monitored, verified, validated by the agency for the contractor systems above?

FBI personnel operate the system in conjunction with support contractors that are on-site at the CJIS Division facility. The contractors receive an annual security awareness briefing in conjunction with the FBI briefings. All security incidents are reported to the CJIS Chief Security Officer. The COTR is responsible for assuring the security requirements and procedures identified in the contract are adhered to by the contractors, through site visits and performance reviews. The COTR is supported in this endeavor by the ISSM, ISSO and other CJIS Contract Administration Office staff members who review all contract modifications. Security-specific requirements are included as part of the Statements of Work to ensure contractors are aware of their responsibilities. Additionally, for those contractors who work at an off-site location, an In-Plant Security Plan is required. This Plan is verified by FBI personnel prior to the contractors beginning work on an FBI project. Site visits are also performed on an annual basis to ensure the security requirements remain in effect.

8. Planning & Operational Systems - Privacy Table:

Name of System	Is this a new system?	Is there a Privacy Impact Assessment (PIA) that covers this system?	Is the PIA available to the public?	Is a System of Records Notice (SORN) required for this system?	Was a new or amended SORN published in FY 06?
IAFIS (NGI)	No	Yes.	Yes.	Yes	No, because the existing Privacy Act system of records was not substantially revised in FY 06.

I.F. Enterprise Architecture (EA)

In order to successfully address this area of the business case and capital asset plan you must ensure the investment is included in the agency's EA and Capital Planning and Investment Control (CPIC) process, and is mapped to and supports the FEA. You must also ensure the business case demonstrates the relationship between the investment and the business, performance, data, services, application, and technology layers of the agency's EA.

1. Is this investment included in your agency's target enterprise architecture? Yes

a. If "no," please explain why?

2. Is this investment included in the agency's EA Transition Strategy? Yes

a. If "yes," provide the investment name as identified in the Transition Strategy provided in the agency's most recent annual EA Assessment. Next Generation IAFIS

b. If "no," please explain why?

3. Service Reference Model (SRM) Table:

Identify the service components funded by this major IT investment (e.g., knowledge management, content management, customer relationship management, etc.). Provide this information in the format of the following table. For detailed guidance regarding components, please refer to <http://www.whitehouse.gov/omb/egov/>.

Agency Component Name	Agency Component Description	Service Domain	FEA SRM Service Type	FEA SRM Component	FEA Service Component Reused Name	FEA Service Component Reused UPI	Internal or External Reuse?	BY Funding Percentage
		Back Office Services	Data Management	Extraction and Transformation			No Reuse	5
		Back Office Services	Data Management	Loading and Archiving			No Reuse	5
		Business Analytical Services	Analysis and Statistics	Forensics			No Reuse	20
		Customer Services	Customer Preferences	Alerts and Notifications			No Reuse	10
		Customer Services	Customer Relationship Management	Customer Feedback			No Reuse	5
		Digital Asset Services	Document Management	Indexing			No Reuse	5
		Digital Asset Services	Document Management	Library / Storage			No Reuse	5
		Digital Asset Services	Knowledge Management	Information Retrieval			No Reuse	5
		Digital Asset Services	Knowledge Management	Knowledge Capture			No Reuse	20
		Digital Asset Services	Knowledge Management	Knowledge Distribution and Delivery			No Reuse	20

Use existing SRM Components or identify as "NEW". A "NEW" component is one not already identified as a service component in the FEA SRM.

A reused component is one being funded by another investment, but being used by this investment. Rather than answer yes or no, identify the reused service component funded by the other investment and identify the other investment using the Unique

Project Identifier (UPI) code from the OMB Ex 300 or Ex 53 submission.

'Internal' reuse is within an agency. For example, one agency within a department is reusing a service component provided by another agency within the same department. 'External' reuse is one agency within a department reusing a service component provided by another agency in another department. A good example of this is an E-Gov initiative service being reused by multiple organizations across the federal government.

Please provide the percentage of the BY requested funding amount used for each service component listed in the table. If external, provide the funding level transferred to another agency to pay for the service.

4. Technical Reference Model (TRM) Table:

To demonstrate how this major IT investment aligns with the FEA Technical Reference Model (TRM), please list the Service Areas, Categories, Standards, and Service Specifications supporting this IT investment.

FEA SRM Component	FEA TRM Service Area	FEA TRM Service Category	FEA TRM Service Standard	Service Specification (i.e. vendor or product name)
Alerts and Notifications	Component Framework	Business Logic	Platform Dependent	
Indexing	Component Framework	Business Logic	Platform Dependent	
Library / Storage	Component Framework	Business Logic	Platform Dependent	
Customer Feedback	Component Framework	Business Logic	Platform Dependent	
Information Retrieval	Component Framework	Business Logic	Platform Dependent	
Knowledge Capture	Component Framework	Business Logic	Platform Dependent	
Knowledge Distribution and Delivery	Component Framework	Business Logic	Platform Dependent	
Forensics	Component Framework	Business Logic	Platform Dependent	
Loading and Archiving	Component Framework	Business Logic	Platform Dependent	
Extraction and Transformation	Component Framework	Business Logic	Platform Dependent	
Alerts and Notifications	Component Framework	Business Logic	Platform Independent	
Indexing	Component Framework	Business Logic	Platform Independent	
Library / Storage	Component Framework	Business Logic	Platform Independent	
Customer Feedback	Component Framework	Business Logic	Platform Independent	
Information Retrieval	Component Framework	Business Logic	Platform Independent	
Knowledge Capture	Component Framework	Business Logic	Platform Independent	
Knowledge Distribution and Delivery	Component Framework	Business Logic	Platform Independent	

Forensics	Component Framework	Business Logic	Platform Independent	
Loading and Archiving	Component Framework	Business Logic	Platform Independent	
Extraction and Transformation	Component Framework	Business Logic	Platform Independent	
Alerts and Notifications	Component Framework	Data Management	Database Connectivity	
Indexing	Component Framework	Data Management	Database Connectivity	
Library / Storage	Component Framework	Data Management	Database Connectivity	
Customer Feedback	Component Framework	Data Management	Database Connectivity	
Information Retrieval	Component Framework	Data Management	Database Connectivity	
Knowledge Capture	Component Framework	Data Management	Database Connectivity	
Knowledge Distribution and Delivery	Component Framework	Data Management	Database Connectivity	
Forensics	Component Framework	Data Management	Database Connectivity	
Loading and Archiving	Component Framework	Data Management	Database Connectivity	
Extraction and Transformation	Component Framework	Data Management	Database Connectivity	
Alerts and Notifications	Component Framework	Security	Supporting Security Services	
Indexing	Component Framework	Security	Supporting Security Services	
Library / Storage	Component Framework	Security	Supporting Security Services	
Customer Feedback	Component Framework	Security	Supporting Security Services	
Information Retrieval	Component Framework	Security	Supporting Security Services	
Knowledge Capture	Component Framework	Security	Supporting Security Services	
Knowledge Distribution and Delivery	Component Framework	Security	Supporting Security Services	
Forensics	Component Framework	Security	Supporting Security Services	
Loading and Archiving	Component Framework	Security	Supporting Security Services	
Extraction and Transformation	Component Framework	Security	Supporting Security Services	
Alerts and Notifications	Service Access and Delivery	Access Channels	Web Browser	
Indexing	Service Access and Delivery	Access Channels	Web Browser	
Library / Storage	Service Access and Delivery	Access Channels	Web Browser	
Customer Feedback	Service Access and Delivery	Access Channels	Web Browser	
Information Retrieval	Service Access and Delivery	Access Channels	Web Browser	
Knowledge Capture	Service Access and Delivery	Access Channels	Web Browser	
Knowledge Distribution and	Service Access and Delivery	Access Channels	Web Browser	

Delivery				
Forensics	Service Access and Delivery	Access Channels	Web Browser	
Loading and Archiving	Service Access and Delivery	Access Channels	Web Browser	
Extraction and Transformation	Service Access and Delivery	Access Channels	Web Browser	
Alerts and Notifications	Service Access and Delivery	Service Requirements	Legislative / Compliance	
Indexing	Service Access and Delivery	Service Requirements	Legislative / Compliance	
Library / Storage	Service Access and Delivery	Service Requirements	Legislative / Compliance	
Information Retrieval	Service Access and Delivery	Service Requirements	Legislative / Compliance	
Knowledge Capture	Service Access and Delivery	Service Requirements	Legislative / Compliance	
Knowledge Distribution and Delivery	Service Access and Delivery	Service Requirements	Legislative / Compliance	
Forensics	Service Access and Delivery	Service Requirements	Legislative / Compliance	
Loading and Archiving	Service Access and Delivery	Service Requirements	Legislative / Compliance	
Extraction and Transformation	Service Access and Delivery	Service Requirements	Legislative / Compliance	
Indexing	Service Access and Delivery	Service Transport	Supporting Network Services	
Library / Storage	Service Access and Delivery	Service Transport	Supporting Network Services	
Customer Feedback	Service Access and Delivery	Service Transport	Supporting Network Services	
Alerts and Notifications	Service Access and Delivery	Service Transport	Supporting Network Services	
Information Retrieval	Service Access and Delivery	Service Transport	Supporting Network Services	
Knowledge Capture	Service Access and Delivery	Service Transport	Supporting Network Services	
Knowledge Distribution and Delivery	Service Access and Delivery	Service Transport	Supporting Network Services	
Forensics	Service Access and Delivery	Service Transport	Supporting Network Services	
Loading and Archiving	Service Access and Delivery	Service Transport	Supporting Network Services	
Extraction and Transformation	Service Access and Delivery	Service Transport	Supporting Network Services	
Indexing	Service Interface and Integration	Integration	Middleware	
Library / Storage	Service Interface and Integration	Integration	Middleware	
Customer Feedback	Service Interface and Integration	Integration	Middleware	
Alerts and Notifications	Service Interface and	Integration	Middleware	

	Integration			
Information Retrieval	Service Interface and Integration	Integration	Middleware	
Knowledge Capture	Service Interface and Integration	Integration	Middleware	
Knowledge Distribution and Delivery	Service Interface and Integration	Integration	Middleware	
Forensics	Service Interface and Integration	Integration	Middleware	
Loading and Archiving	Service Interface and Integration	Integration	Middleware	
Extraction and Transformation	Service Interface and Integration	Integration	Middleware	
Customer Feedback	Service Platform and Infrastructure	Database / Storage	Database	
Indexing	Service Platform and Infrastructure	Database / Storage	Database	
Library / Storage	Service Platform and Infrastructure	Database / Storage	Database	
Alerts and Notifications	Service Platform and Infrastructure	Database / Storage	Database	
Information Retrieval	Service Platform and Infrastructure	Database / Storage	Database	
Knowledge Capture	Service Platform and Infrastructure	Database / Storage	Database	
Knowledge Distribution and Delivery	Service Platform and Infrastructure	Database / Storage	Database	
Forensics	Service Platform and Infrastructure	Database / Storage	Database	
Loading and Archiving	Service Platform and Infrastructure	Database / Storage	Database	
Extraction and Transformation	Service Platform and Infrastructure	Database / Storage	Database	
Customer Feedback	Service Platform and Infrastructure	Database / Storage	Storage	
Indexing	Service Platform and Infrastructure	Database / Storage	Storage	
Library / Storage	Service Platform and	Database / Storage	Storage	

	Infrastructure			
Alerts and Notifications	Service Platform and Infrastructure	Database / Storage	Storage	
Information Retrieval	Service Platform and Infrastructure	Database / Storage	Storage	
Knowledge Capture	Service Platform and Infrastructure	Database / Storage	Storage	
Knowledge Distribution and Delivery	Service Platform and Infrastructure	Database / Storage	Storage	
Forensics	Service Platform and Infrastructure	Database / Storage	Storage	
Loading and Archiving	Service Platform and Infrastructure	Database / Storage	Storage	
Extraction and Transformation	Service Platform and Infrastructure	Database / Storage	Storage	
Customer Feedback	Service Platform and Infrastructure	Delivery Servers	Application Servers	
Indexing	Service Platform and Infrastructure	Delivery Servers	Application Servers	
Library / Storage	Service Platform and Infrastructure	Delivery Servers	Application Servers	
Alerts and Notifications	Service Platform and Infrastructure	Delivery Servers	Application Servers	
Information Retrieval	Service Platform and Infrastructure	Delivery Servers	Application Servers	
Knowledge Capture	Service Platform and Infrastructure	Delivery Servers	Application Servers	
Knowledge Distribution and Delivery	Service Platform and Infrastructure	Delivery Servers	Application Servers	
Forensics	Service Platform and Infrastructure	Delivery Servers	Application Servers	
Loading and Archiving	Service Platform and Infrastructure	Delivery Servers	Application Servers	
Extraction and Transformation	Service Platform and Infrastructure	Delivery Servers	Application Servers	
Customer Feedback	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices	
Indexing	Service Platform and	Hardware /	Embedded Technology	

	Infrastructure	Infrastructure	Devices	
Library / Storage	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices	
Alerts and Notifications	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices	
Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices	
Knowledge Capture	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices	
Knowledge Distribution and Delivery	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices	
Forensics	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices	
Loading and Archiving	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices	
Extraction and Transformation	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices	
Customer Feedback	Service Platform and Infrastructure	Hardware / Infrastructure	Local Area Network (LAN)	
Library / Storage	Service Platform and Infrastructure	Hardware / Infrastructure	Local Area Network (LAN)	
Alerts and Notifications	Service Platform and Infrastructure	Hardware / Infrastructure	Local Area Network (LAN)	
Indexing	Service Platform and Infrastructure	Hardware / Infrastructure	Local Area Network (LAN)	
Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Local Area Network (LAN)	
Knowledge Capture	Service Platform and Infrastructure	Hardware / Infrastructure	Local Area Network (LAN)	
Knowledge Distribution and Delivery	Service Platform and Infrastructure	Hardware / Infrastructure	Local Area Network (LAN)	
Forensics	Service Platform and Infrastructure	Hardware / Infrastructure	Local Area Network (LAN)	
Loading and Archiving	Service Platform and Infrastructure	Hardware / Infrastructure	Local Area Network (LAN)	
Extraction and Transformation	Service Platform and Infrastructure	Hardware / Infrastructure	Local Area Network (LAN)	
Customer Feedback	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	

	Infrastructure	Infrastructure		
Library / Storage	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	
Alerts and Notifications	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	
Indexing	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	
Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	
Knowledge Capture	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	
Knowledge Distribution and Delivery	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	
Forensics	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	
Loading and Archiving	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	
Extraction and Transformation	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	
Customer Feedback	Service Platform and Infrastructure	Hardware / Infrastructure	Peripherals	
Library / Storage	Service Platform and Infrastructure	Hardware / Infrastructure	Peripherals	
Alerts and Notifications	Service Platform and Infrastructure	Hardware / Infrastructure	Peripherals	
Indexing	Service Platform and Infrastructure	Hardware / Infrastructure	Peripherals	
Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Peripherals	
Knowledge Capture	Service Platform and Infrastructure	Hardware / Infrastructure	Peripherals	
Knowledge Distribution and Delivery	Service Platform and Infrastructure	Hardware / Infrastructure	Peripherals	
Forensics	Service Platform and Infrastructure	Hardware / Infrastructure	Peripherals	
Loading and Archiving	Service Platform and Infrastructure	Hardware / Infrastructure	Peripherals	
Extraction and	Service Platform and	Hardware /	Peripherals	

Transformation	Infrastructure	Infrastructure		
Customer Feedback	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	
Alerts and Notifications	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	
Library / Storage	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	
Indexing	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	
Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	
Knowledge Capture	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	
Knowledge Distribution and Delivery	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	
Forensics	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	
Loading and Archiving	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	
Extraction and Transformation	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	
Library / Storage	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	
Alerts and Notifications	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	
Indexing	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	
Information Retrieval	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	
Knowledge Capture	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	
Knowledge Distribution and Delivery	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	
Forensics	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	
Loading and Archiving	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	
Extraction and	Service Platform and	Software Engineering	Software Configuration	

Transformation	Infrastructure		Management	
Library / Storage	Service Platform and Infrastructure	Software Engineering	Test Management	
Alerts and Notifications	Service Platform and Infrastructure	Software Engineering	Test Management	
Indexing	Service Platform and Infrastructure	Software Engineering	Test Management	
Information Retrieval	Service Platform and Infrastructure	Software Engineering	Test Management	
Knowledge Capture	Service Platform and Infrastructure	Software Engineering	Test Management	
Knowledge Distribution and Delivery	Service Platform and Infrastructure	Software Engineering	Test Management	
Forensics	Service Platform and Infrastructure	Software Engineering	Test Management	
Loading and Archiving	Service Platform and Infrastructure	Software Engineering	Test Management	
Extraction and Transformation	Service Platform and Infrastructure	Software Engineering	Test Management	
Customer Feedback	Service Platform and Infrastructure	Support Platforms	Platform Dependent	
Alerts and Notifications	Service Platform and Infrastructure	Support Platforms	Platform Dependent	
Library / Storage	Service Platform and Infrastructure	Support Platforms	Platform Dependent	
Indexing	Service Platform and Infrastructure	Support Platforms	Platform Dependent	
Information Retrieval	Service Platform and Infrastructure	Support Platforms	Platform Dependent	
Knowledge Capture	Service Platform and Infrastructure	Support Platforms	Platform Dependent	
Knowledge Distribution and Delivery	Service Platform and Infrastructure	Support Platforms	Platform Dependent	
Forensics	Service Platform and Infrastructure	Support Platforms	Platform Dependent	
Loading and Archiving	Service Platform and Infrastructure	Support Platforms	Platform Dependent	
Extraction and	Service Platform and	Support Platforms	Platform Dependent	

Transformation	Infrastructure			
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Service Components identified in the previous question should be entered in this column. Please enter multiple rows for FEA SRM Components supported by multiple TRM Service Specifications

In the Service Specification field, Agencies should provide information on the specified technical standard or vendor product mapped to the FEA TRM Service Standard, including model or version numbers, as appropriate.

5. Will the application leverage existing components and/or applications across the Government (i.e., FirstGov, Pay.Gov, etc)? No

a. If "yes," please describe.

6. Does this investment provide the public with access to a government automated information system? No

a. If "yes," does customer access require specific software (e.g., a specific web browser version)?

1. If "yes," provide the specific product name(s) and version number(s) of the required software and the date when the public will be able to access this investment by any software (i.e. to ensure equitable and timely access of government information and services).

Exhibit 300: Part II: Planning, Acquisition and Performance Information

II.A. Alternatives Analysis

Part II should be completed only for investments identified as "Planning" or "Full Acquisition," or "Mixed Life-Cycle" investments in response to Question 6 in Part I, Section A above.

In selecting the best capital asset, you should identify and consider at least three viable alternatives, in addition to the current baseline, i.e., the status quo. Use OMB Circular A- 94 for all investments, and the Clinger Cohen Act of 1996 for IT investments, to determine the criteria you should use in your Benefit/Cost Analysis.

1. Did you conduct an alternatives analysis for this project?	Yes
a. If "yes," provide the date the analysis was completed?	4/1/2005
b. If "no," what is the anticipated date this analysis will be completed?	
c. If no analysis is planned, please briefly explain why:	

2. Alternative Analysis Results:				
Use the results of your alternatives analysis to complete the following table:				
Send to OMB	Alternative Analyzed	Description of Alternative	Risk Adjusted Lifecycle Costs estimate	Risk Adjusted Lifecycle Benefits estimate
True	3	System Evolution using COTS Products (Previous submission did not account for O&M costs in FY 2011 & FY 2010)	418.944	96.501

3. Which alternative was selected by the Agency's Executive/Investment Committee and why was it chosen?

The NGI will most likely be developed using alternative 3, COTS products. This is a viable alternative due to the timeliness of the implementation, availability of the COTS products, the advantages related to interoperability and information sharing, and the technical support available through the vendor. However, the upcoming detailed NGI studies will determine the chosen NGI alternative.

4. What specific qualitative benefits will be realized?

Advanced Fingerprint Identification Technology (AFIT) Benefits: Interoperability with other systems; more efficient searches; accommodates increased volumes in pre-employment background checks; ensures fewer misses in fingerprint accuracy; avoids hiring additional staff to accommodate increased workload volumes. Enhanced Terrorist Identification Service (ETIS) Benefits: Supports Terrorist Screening Center; provides for latent fingerprint searches; allows for connectivity with local law enforcement through National Crime Information Center (NCIC). Quality Check Function Benefits: Verifies authorized users; establishes consistency for data verification and better management of user fee transactions; streamlines work processes, improves overall response time; reduces number of ten-print transactions rejected by IAFIS, saving costs to local law enforcement; allows more timely updates of records; avoids hiring additional staff to accommodate increased workload volumes. Disposition Reporting Improvements (DRI) Benefits: These enhancements will facilitate a more complete CHRI that will support local, state, and federal criminal justice agencies. A more complete CHRI will also benefit the adjudication of civil applicant background checks. Enhanced IAFIS Repository Benefits: Will notify responsible agency regarding criminal activity of individuals in sensitive positions; automatically allows for transition of files between civil and criminal repositories; supports flat fingerprints; supports national security; increases repository capacity; creates new functionality for the civil file; provides the ability to search the civil records with remote latent fingerprint submissions; will provide expanded/new search and response generation capabilities; collectively locate civil history and CHRI to facilitate the search, addition, consolidation,

modification, expungement, response generation, and file maintenance of civil and criminal information. Interstate Photo System (IPS) Enhancements Benefits: Easier submission and retrieval of photos into database; increased number of photos retained; new search capabilities will help to solve crimes; ability to collect and retain data to field facial identification services in a future multi-modal system. FBI National Palm Print System (NPPS) Benefits: Will allow for identification of more prints (estimates are that 30 percent of latent lifts are made from palm prints); provides an additional tool to solve more

II.B. Risk Management

You should have performed a risk assessment during the early planning and initial concept phase of this investment's life-cycle, developed a risk-adjusted life-cycle cost estimate and a plan to eliminate, mitigate or manage risk, and be actively managing risk throughout the investment's life-cycle.

1. Does the investment have a Risk Management Plan?	Yes
a. If "yes," what is the date of the plan?	11/15/2005
b. Has the Risk Management Plan been significantly changed since last year's submission to OMB?	No

c. If "yes," describe any significant changes:

2. If there currently is no plan, will a plan be developed?	
a. If "yes," what is the planned completion date?	
b. If "no," what is the strategy for managing the risks?	

3. Briefly describe how investment risks are reflected in the life cycle cost estimate and investment schedule:

The lifecycle costs estimates and investment schedule will be updated based on the detailed functionality and cost benefit analysis that will be defined by the requirements study contractor (IntelliDyne, LLC). The NGI PO has set aside an 18 percent management reserve out of the \$42,742,000 that was received in Fiscal Year 2005 from the Working Capital Fund to be utilized to address any risk mitigation costs. It is anticipated that as the Project matures, the management reserve will decrease to approximately 10 percent of the annual funding that is received for the project. In addition, the FBI NGI Risk Register will identify the potential costs associated with mitigation strategies with a risk exposure of six or higher. The NGI PO is planning slack within the schedule to account for risks that will affect the delivery of initiatives

II.C. Cost and Schedule Performance

1. Does the earned value management system meet the	Yes
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criteria in ANSI/EIA Standard-748?

2. Answer the following questions about current cumulative cost and schedule performance. The numbers reported below should reflect current actual information. (Per OMB requirements Cost/Schedule Performance information should include both Government and Contractor Costs):

a. What is the Planned Value (PV)?	9.51
b. What is the Earned Value (EV)?	9.51
c. What is the actual cost of work performed (AC)?	8.3990
d. What costs are included in the reported Cost/Schedule Performance information (Government Only/Contractor Only/Both)?	Contractor and Government
e. "As of" date:	6/9/2006
3. What is the calculated Schedule Performance Index (SPI = EV/PV)?	1
4. What is the schedule variance (SV = EV-PV)?	0
5. What is the calculated Cost Performance Index (CPI = EV/AC)?	1.13
6. What is the cost variance (CV=EV-AC)?	1.1110
7. Is the CV% or SV% greater than +/- 10%? (CV%= CV/EV x 100; SV%= SV/PV x 100)	Yes
a. If "yes," was it the?	CV
b. If "yes," explain the variance:	
The Requirements Study Contract is currently under budget (CPI of 1.11 & CV% of 9.7%)	
c. If "yes," what corrective actions are being taken?	
None	
d. What is most current "Estimate at Completion"?	
8. Have any significant changes been made to the baseline during the past fiscal year?	No
8. If "yes," when was it approved by OMB?	No

Comparison of Initial Baseline and Current Approved Baseline

Milestone Number	Description of Milestone	Initial Baseline		Current Baseline				Current Baseline Variance		Percent Complete
		Planned Completion Date	Total Cost (Estimated)	Completion Date		Total Cost		Schedule (# days)	Cost	
				Planned	Actual	Planned	Actual			
1	Planning - FY05	09/30/2005	\$0.000	09/30/2005	09/30/2005	\$0.000	\$0.000	0	\$0.000	100%
2	Acquisition - FY05	09/30/2005	\$0.000	09/30/2005	09/30/2005	\$0.000	\$0.000	0	\$0.000	100%
3	O&M FY05	09/30/2005	\$0.000	09/30/2005	09/30/2005	\$0.000	\$0.000	0	\$0.000	100%
4	Planning - FY06	09/29/2006	\$0.000	09/29/2006		\$0.000	\$0.000		\$0.000	67%
5	Acquisition - FY06	09/29/2006	\$0.000	09/29/2006		\$0.000	\$0.000		\$0.000	100%
6	O&M - FY06	09/29/2006	\$0.000	09/29/2006		\$0.000	\$0.000		\$0.000	100%
7	Planning - FY07	09/28/2007	\$0.000	09/28/2007		\$0.000				%
8	Acquisition - FY08	09/28/2007	\$0.000	09/28/2007		\$0.000				%
9	O&M - FY07	09/28/2007	\$0.000	09/28/2007		\$0.000				%
10	Planning - FY08	09/30/2008	\$0.000	09/30/2008		\$0.000				%
11	Acquisition - FY08	09/30/2008	\$0.000	09/30/2008		\$0.000				%
12	O&M - FY08	09/30/2008	\$0.000	09/30/2008		\$0.000				%
13	Planning	09/30/2009	\$0.000	09/30/2009		\$0.000				%
14	Acquisition - FY09	09/30/2009	\$0.000	09/30/2009		\$0.000				%
15	O&M - FY09	09/30/2009	\$0.000	09/30/2009		\$0.000				%
16	Planning - FY10	09/30/2010	\$0.000	09/30/2010		\$0.000				%
17	Acquisition - FY10	09/30/2010	\$0.000	09/30/2010		\$0.000				%
18	O&M - FY10	09/30/2010	\$0.000	09/30/2010		\$0.000				%
19	Planning - FY11	09/30/2011	\$0.000	09/30/2011		\$0.000				%
20	Acquisition - FY11	09/30/2011	\$0.000	09/30/2011		\$0.000				%
21	O&M - FY11	09/30/2011	\$0.000	09/30/2011		\$0.000				%
22	Planning - FY12	09/28/2012	\$0.000	09/28/2012		\$0.000				%
23	Acquisition- FY12	09/28/2012	\$0.000	09/28/2012		\$0.000				%
24	O&M - FY12	09/28/2012	\$0.000	09/28/2012		\$0.000				%
1.1	NGI PM Support	09/30/2005	\$0.467	09/30/2005	09/30/2005	\$0.467	\$0.200	0	\$0.267	100%
1.2	Internal Requirements	09/30/2005	\$0.172	09/30/2005	09/30/2005	\$0.172	\$0.172	0	\$0.000	100%
1.3	Contract Award	12/19/2005	\$0.000	12/19/2005	12/19/2005	\$0.000	\$0.000	0	\$0.000	0%
2.1	Hardware	09/30/2005	\$0.034	09/30/2005	09/30/2005	\$0.034	\$0.034	0	\$0.000	100%
2.2	Software	09/30/2005	\$0.000	09/30/2005	09/30/2005	\$0.000	\$0.000	0	\$0.000	100%

2.3	Services	09/30/2005	\$0.000	09/30/2005	09/30/2005	\$0.000	\$0.000	0	\$0.000	100%
3.1	Hardware	09/30/2005	\$0.000	09/30/2005	09/30/2005	\$0.000	\$0.000	0	\$0.000	100%
3.2	Software	09/30/2005	\$0.000	09/30/2005	09/30/2005	\$0.000	\$0.000	0	\$0.000	100%
3.3	Services	09/30/2005	\$0.000	09/30/2005	09/30/2005	\$0.000	\$0.000	0	\$0.000	100%
4.1	NGI PM Support	09/29/2006	\$1.401	09/29/2006		\$1.401	\$0.975		\$0.426	67%
4.2	Internal Requirements	09/29/2006	\$2.376	09/29/2006		\$2.376	\$1.586		\$0.790	67%
5.1	Hardware	09/29/2006	\$0.000	09/29/2006		\$0.000	\$0.000		\$0.000	100%
5.2	Software	09/29/2006	\$0.000	09/29/2006		\$0.000	\$0.000		\$0.000	100%
5.3	Travel	09/29/2006	\$0.000	09/29/2006		\$0.000	\$0.000		\$0.000	100%
6.1	Hardware	09/29/2006	\$0.000	09/29/2006		\$0.000	\$0.000		\$0.000	100%
6.2	Software	09/29/2006	\$0.000	09/29/2006		\$0.000	\$0.000		\$0.000	100%
6.3	Services	09/29/2006	\$0.000	09/29/2006		\$0.000	\$0.000		\$0.000	100%
7.1	NGI PM Support	09/28/2007	\$2.054	09/28/2007		\$2.054				%
7.2	Internal Requirments	09/28/2007	\$2.372	09/28/2007		\$2.372				%
7.3	Contract Award	09/28/2007	\$0.000	09/28/2007		\$0.000				%
7.4	Travel	09/28/2007	\$0.480	09/28/2007		\$0.480				%
7.6	IT Security, CM, QA Support	09/28/2007	\$0.648	09/28/2007		\$0.648				%
7.7	Training	09/28/2007	\$0.100	09/28/2007		\$0.100				%
8.1	Hardware	09/28/2007	\$66.603	09/28/2007		\$66.603				%
8.2	Software	09/28/2007	\$36.808	09/28/2007		\$36.808				%
8.4	Training	09/28/2007	\$0.170	09/28/2007		\$0.170				%
8.5	Travel	09/28/2007	\$0.399	09/28/2007		\$0.399				%
9.1	Hardware	09/28/2007	\$0.000	09/28/2007		\$0.000				%
9.2	Software	09/28/2007	\$0.000	09/28/2007		\$0.000				%
9.3	Services	09/28/2007	\$0.000	09/28/2007		\$0.000				%
9.4	Training	09/28/2007	\$0.000	09/28/2007		\$0.000				%
9.5	Travel	09/28/2007	\$0.000	09/28/2007		\$0.000				%
10.1	Hardware	09/30/2008	\$0.000	09/30/2008		\$0.000				%
10.2	Software	09/30/2008	\$0.000	09/30/2008		\$0.000				%
10.3	Services	09/30/2008	\$0.000	09/30/2008		\$0.000				%
11.1	Hardware	09/30/2008	\$56.945	09/30/2008		\$56.945				%
11.2	Software	09/30/2008	\$19.789	09/30/2008		\$19.789				%
11.3	Training	09/30/2008	\$0.073	09/30/2008		\$0.073				%
11.4	Travel	09/30/2008	\$0.198	09/30/2008		\$0.198				%
12.1	Hardware	09/30/2008	\$17.696	09/30/2008		\$17.696				%

21.3											%
21.4											%
21.5											%
22.1											%
22.2											%
22.3											%
23.1											%
23.2											%
23.3											%
24.1											%
24.2											%
24.3											%
24.4											%
24.5											%
1.3.1											100%
1.3.2											100%
4.3.2											67%
4.3.3											0%
7.3.3											%
7.3.3											%
Project Totals		09/28/2012		09/28/2012	12/19/2005						