Federal Health Information Exchange (FHIE) - 2008

ProSight

PART I - A

PART I: SUMMARY INFORMATION AND JUSTIFICATION
In Part I, complete Sections A. B, C, and D for all capital assets (IT and non-IT). Complete Sections E and F for IT capital assets.
OMB Text Limitations - SHORT ANSWER(250 Characters), MEDIUM ANSWER(500 Characters) and LONG ANSWER(2500 Characters)

Section A: Overview (All Capital Assets)
I.A.1) Date of Submission (mm/dd/yyyy)
Sep 12, 2006
I.A.2) Agency
029 - Department of Veterans Affairs
I.A.3) Bureau
00 - Agency Wide Initiatives
I.A.4) Name of this Investment:(SHORT ANSWER)
Federal Health Information Exchange (FHIE)-2008
I.A.5) Unique Project(Investment) Identifier: Update the UPI using the Exhibit 53 tab.
029-00-01-11-01-1220-00
I.A.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.)
Operations and Maintenance
I.A.7) What was the first budget year this investment was submitted to OMB?
FY2004
I.A.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: (LONG ANSWER)
FHIE is an interagency clinical program, operating in direct support of the President's Management Agenda, Initiative #14. The FHIE project was created in response to the recommendations in Presidential Review Directive 5 in Aug.1998. In that document, the Secretaries of Defense, H&HS, & Veterans Affairs were charged with improving the medical record keeping associated with future deployments of service members and the care of vets. In Dec.2000, VA/VHA & DoD/MHS CIO's re-scoped the project. The objective was to provide significant functionality sooner, accelerate receipt of benefits, & mitigate technology risks. DoD & VA have worked very closely on establishing the appropriate technical architecture to extract e-health information from the DoD CHCS and transmit this information to a secure, shared FHIE repository. VA makes this clinically relevant data accessible to VA healthcare providers as part of the veteran's e-health record within the VistA health information system while adhering to the VHIM architecture.
I.A.9) Did the Agency's Executive/Investment Committee approve this request?
Yes
I.A.9.a) If "yes," what was the date of this approval?
I.A.10) Did the Project Manager review this Exhibit?
Yes
I.A.11) Project Managers Contact Information

	Project Managers Names (SHORT ANSWER)	PM Phone	E-mail (SHORT ANSWER)
Primary in-house	Donham, Greg W.	727-398-9468	Greg.Donham2@med.va.gov

I.A.12) Has the agency developed and/or promoted cost effective, energy-efficient and environmentally sustainable techniques or practices for this project.
Yes
I.A.12.a) Will this investment include electronic assets (including computers)?
Yes
I.A.12.b) Is this investment for construction or retrofit of a federal building or facility? (Answer applicable to non-IT assets only)
No
I.A.12.b.1) If "yes," is an ESPC or UESC being used to help fund this investment?
No
I.A.12.b.2) If "yes," will this investment meet sustainable design principles?
No
I.A.12.b.3) If "yes," is it designed to be 30% more energy efficient than relevant code? (Answer applicable to non-IT assets only)
I.A.13) Does this investment directly support one of the PMA initiatives?
Yes
I.A.13.a) If "yes," check all that apply:

	PMA Initiatives for XML Submission	**PMA Initiatives**
		- Human Capital
		- Budget Performance Integration
		- Financial Performance
Yes	Expanded E-Government	- Expanded E-Government
		- Competitive Sourcing
		- Faith Based and Community
		- Real Property Asset Management
		- Eliminating Improper Payments
		- Privatization of Military Housing
		- Research & Development Investment Criteria
		- Housing & Urban Development Management & Performance
		- Broadening Health Insurance Coverage through State Initiatives
		- "Right Sized" Overseas Presence
Yes	Coordination of VA and DoD Programs and Systems	- Coordination of VA & DoD Programs and Systems

I.A.13.b) Briefly describe how this asset directly supports the identified initiative(s)?(MEDIUM ANSWER)
FHIE supports "Expanded E-Govt" initiative by providing VA & DoD with the capability to exchange e-health records in a secure environment & reduces manual processes associated w/ exchanging paper health records. FHIE directly supports "Coordination of VA & DoD Programs & Systems" initiative by sharing health data, adopting standards, & converging s/w apps. FHIE provides interoperability between systems, maintaining infrastructure & architecture supported by common data, communications, security, standards & systems.
I.A.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.)
No
I.A.14.a) If "yes," does this investment address a weakness found during a PART review?

No

I.A.14.b) If "yes," what is the name of the PARTed program? (SHORT ANSWER)

I.A.14.c) If "yes," what rating did the PART receive?

I.A.15) Is this investment information technology? (See section 53.8 for definition)

Yes

I.A.16) What is the level of the IT Project? (per CIO Council PM Guidance)

Level 2

I.A.17) What project management qualifications does the Project Manager have? (per CIO Council PM Guidance)

Qualification Status	Qualification Status for XML Submission	Description
1	(1) Project manager has been validated as qualified for this investment	(1) - Project manager has been validated as qualified for this investment.
		(2) - Project manager qualification is under review for this investment.
		(3) - Project manager assigned to investment, but does not meet requirements.
		(4) - Project manager assigned but qualification status review has not yet started.
		(5) - No Project manager has yet been assigned to this investment.

I.A.18) Is this investment identified as "high risk" on the Q4 - FY 2006 agency high risk report (per OMB's 'high risk' memo)?

No

I.A.19) Is this project (investment) a Financial Management System? (see section 53.3 for definition)

No

I.A.19.a) If so, does this project (investment) address a FFMIA (Federal Financial Managers Integrity Act) compliance area?

I.A.19.a.1) If yes, which compliance area?

I.A.19.a.2) If "no," what does it address? (MEDIUM ANSWER)

I.A.19.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 (LONG ANSWER)

FHIE is not a Financial Management System.

I.A.20) What is the percentage breakout for the total FY2008 funding request for the following? (This should total 100%)

Percentage of Total Investment	
% Hardware	5.00
% Software	5.00
% Services	90.00
% Others	

I.A.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?	
No	
I.A.22) Contact information of individual responsible for privacy related questions:	

Contact Name: (SHORT ANSWER)	Heidi Hamzi
Phone Number:	202-565-8346
Title: (SHORT ANSWER)	IT Specialist
E-mail: (SHORT ANSWER)	heidi.hamzi@va.gov

I.A.23) Are the records produced by this investment appropriately scheduled with the National Archives and Records Administration's approval?	
No	

PART I - B

PART I: SUMMARY INFORMATION AND JUSTIFICATION

In Part I, complete Sections A. B, C, and D for all capital assets (IT and non-IT). Complete Sections E and F for IT capital assets.

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Section B: Summary of Funding (All Capital Assets)

I.B.1) FILL IN TABLE IN CURRENT VALUES (in millions)

(Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)

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.

Category of Funds	PY-1 and Earlier	PY 2006	CY 2007	BY 2008
Planning				
Budgetary Resources	0.000	0.000	0.000	0.000
Acquisition				
Budgetary Resources	0.000	0.000	0.000	0.000
Total, Sum of Stages				
Total, Resources (Plan & Acq)	0.000	0.000	0.000	0.000
Operations & Maintenance				
Budgetary Resources	2.700	3.583	3.620	3.620
Total, All Stages Resources	2.700	3.583	3.620	3.620
Government FTE Costs	4.200	0.190	0.200	0.500
Govt. FTE Numbers	3	1	1	4
Total, All Stages Resources + FTE	6.900	3.773	3.820	4.120

Government FTE Costs SHOULD NOT be INCLUDED as part of the TOTAL, All Stages Resources represented.

Note: 1) For the cross-agency investments, this table should include all funding (both managing partner and partner agencies). 2) Total, All Stages Resources should equal Total, All Stages Outlays.

I.B.2) Will this project require the agency to hire additional FTE's?

Yes

I.B.2.a) If Yes, How many and in what year? (MEDIUM ANSWER)
3 new Government FTEs will be required starting in FY08.
I.B.3) If the summary of spending has changed from the FY2007 President's budget request, briefly explain those changes. (LONG ANSWER)
The FHIE program is requesting additional funding in FY 2008 than previously stated in the FY 2007 Exhibit 300. FHIE is requesting a level of funding increase to effectively accommodate the required schedule shift of activities originally planned for FY 2006, but were delayed as a result of funding cuts in FY06 and FY07 that affected every Exhibit 300 Program within the VHA OI portfolio. Specifically, non-pay funds that FHIE had free up by increasing pay dollars and shifting contractors to government FTE did not materialize when a government hiring freeze was imposed. Specifically, the budget reductions have resulted in the need to reschedule several significant events including the real-time exchange of DoD's Pre-Post Deployment Health Assessments for OEF/OIF returnees delay from FY 2006 to FY 2007; the upgrade of the engine; viewing of new data elements; the inclusion of VistAWeb functionality; the creation of VBA and DoD AHLTA views; and the elimination of single points of failure in the system. The FHIE program will be able to achieve each of the aforementioned activities at the minimal increase in funding requested in FY 2008 and maintain our commitments with DoD. Further, the consequences of not funding the increase in FY 2008 for the system refresh would jeopardize not only the entire interagency system, but other programs that are dependent on the reuse of this system. Systems that include the Bidirectional Health Information Exchange program, the Clinical/Health Data Repository Program, CAPRI, VSSC, VistA Imaging, LDSI, LEDI, AHLTA and other VA, DoD and NDAA projects require that FHIE is maintained, funded and available 24x7 to continue operations. The baseline shown in this Exhibit 300 is the latest approved by the Office of Management and Budget (OMB). A revised baseline reflecting the amounts shown in the BY 2008 Summary of Funding table is pending OMB approval.

PART I - C

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Section C: Acquisition/Contract Strategy (All Capital Assets)
I.C.1) If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why? (LONG ANSWER)
I.C.2) Do the contracts ensure Section 508 compliance?
Yes
I.C.2.a) If the Contracts WILL NOT ensure Section 508 Compliance, explain why:
I.C.3) Is there an acquisition plan which has been approved in accordance with agency requirements?
Yes
I.C.3.a) If "yes," what is the date?
May 9, 2006
I.C.3.b) If "no," will an acquisition plan be developed?
I.C.3.b.1) If "no," briefly explain why: (MEDIUM ANSWER)

PART I - D

PART I: SUMMARY INFORMATION AND JUSTIFICATION

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Section D: Performance Information (All Capital Assets)

I.D.1) 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 that 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%, increase citizen participation by 300% a year to achieve an overall citizen participation rate of 75% 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, milestone, or investment, or general goals, such as, significant, better, improved that do not have a quantitative or qualitative measure.

For Existing IT projects that have previously submitted Exhibit 300s:

--> If you completed Table 1 last year, please use Table 1 to report for fiscal year 2005 and Table 2 for fiscal years 2006 through at least 2009.

--> If you completed only Table 2 last year, please use Table 2 to report for fiscal years 2006 through at least 2009.

For projects that are submitting Exhibit 300s for the first time:

--> Use Table 2.

--> Report on Performance Measures for at least two years, i.e., FY 2008 and 2009, FY 2009 and 2010.

--> If the project will have data for 2007 that you wish to include, add extra lines in Table 2 and complete all information in this single table.

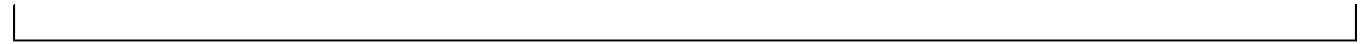*--> At least one performance goal should be met by BY+1.*

PERFORMANCE INFORMATION TABLE 2:

Please use Table 2 and the FEA Performance Reference Model (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).

Fiscal Year	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Planned Improvements to the Baseline	Actual Results
2006	Mission and Business Results	Accessibility	Health Care Services	The average number of VA personnel electronically accessing FHIE information per week increased to 155.	The average daily number of VA Personnel accessing FHIE data will increase by 10%. Supports Strategic Plan Goal 3, Objective 3.1 - Provide high-quality, reliable, accessible, timely and efficient health care.	To date, the average number of VA personnel accessing FHIE data is 260, exceeding the FY05 level by 67% and exceeding the FY06 Planned Improvement to the Baseline.
2006	Customer Results	Availability	Customer Impact or Burden	For FY05, avg nbr of queries per wk was 2,201 & avg time on framework remained < 30 secs. Thus, on avg in 2,201 instances per wk, Vets weren't required to provide paper recs yet critical to care info was immediately available to providers.	The average number of FHIE queries per week will increase by 10%. Supports Strategic Plan Goal 3, Objective 3.1 - Provide high-quality, reliable, accessible, timely and efficient health care.	To date, the average number of FHIE queries per week stand at 4,733, a 115% increase over the average number in FY05. In addition, the average time on the framework stands at 11.76 seconds/query.
2006	Processes and Activities	Data Storage	Efficiency	By 30 Sep 2005, DoD had	The total number of DoD records that	To date, DoD has transferred an

				transferred over 3,066,938 unique records. Of these, 1,408,444 records correlated to the VA's Master Patient Index.	correlate with the VA's MPI will increase by 10%. Supports Enabling Goal/Objective E.3 - Implement a One VA technology framework that supports the integration of information across business lines.	additional 205,140 unique records, bringing the total to 3,272,078. Of these 2,480,973 have correlated to the VA's MPI, 1,072,229 in FY06 alone, an increase of 76% over FY05
2006	Technology	Data Reliability and Quality	Data Reliability and Quality	By 30 Sep 2005, 4,733,509 messages per month contained clinically relevant health care information for a total of 91,067,549.	The total nbr of msgs electronically transmitted containing critical health care info will increase by 10%. Supports Enabling Goal/Objective E.3- Implement a One VA technology framework that supports integration of information across business lines.	To date, 148,829,857 messages have been transmitted a 63% increase since the end of FY05. The average messages transferred per month for FY06 stands at 14,440,557
2007	Mission and Business Results	Accessibility	Health Care Services	The average number of VA personnel accessing FHIE data per week in the previous year will be calculated and utilized as the new baseline.	The average daily number of VA Personnel accessing FHIE data will increase by 5%. Supports Strategic Plan Goal 3, Objective 3.1 - Provide high-quality, reliable, accessible, timely and efficient health care.	Results will be determined for measurement during the FY.
2007	Customer Results	Availability	Customer Impact or Burden	The average number of FHIE queries per week for the previous year will be calculated and utilized as the new baseline.	The average number of FHIE queries per week will increase by 5%. Supports Strategic Plan Goal 3, Objective 3.1 - Provide high-quality, reliable, accessible, timely and efficient health care.	Results will be determined for measurement during the FY.
2007	Processes and Activities	Data Storage	Efficiency	The total number of records transferred by DoD and the number that has correlated to the VA's Master Patient Index will be calculated and utilized as the new baseline	The total number of DoD records that correlate with the VA's MPI will increase by 5%. Supports Enabling Goal/Objective E.3 - Implement a One VA technology framework that supports the integration of information across business lines.	Results will be determined for measurement during the FY.
2007	Technology	Data Reliability and Quality	Data Reliability and Quality	The total number of messages containing critical health care information will be determined and utilized as the new baseline.	The total number of msgs electronically transmitted containing critical health care info will increase by 5%. Supports Enabling Goal/Objective E.3- Implement a One VA technology framework that supports integration of	Results will be determined for measurement during the FY.

				information across business lines.	
2008	Mission and Business Results	Accessibility	Health Care Services	The average number of VA personnel accessing FHIE data per week in the previous year will be calculated and utilized as the new baseline.	The average daily number of VA Personnel accessing FHIE data will increase by 5%. Supports Strategic Plan Goal 3, Objective 3.1 - Provide high-quality, reliable, accessible, timely and efficient health care.	Results will be determined for measurement during the FY.
2008	Customer Results	Availability	Customer Impact or Burden	The average number of FHIE queries per week for the previous year will be calculated and utilized as the new baseline.	The average number of FHIE queries per week will increase by 5%. Supports Strategic Plan Goal 3, Objective 3.1 - Provide high-quality, reliable, accessible, timely and efficient health care.	Results will be determined for measurement during the FY.
2008	Processes and Activities	Data Storage	Efficiency	The total number of records transferred by DoD and the number that has correlated to the VA's Master Patient Index will be calculated and utilized as the new baseline.	The total number of DoD records that correlate with the VA's MPI will increase by 5%. Supports Enabling Goal/Objective E.3 - Implement a One VA technology framework that supports the integration of information across business lines.	Results will be determined for measurement during the FY.
2008	Technology	Data Reliability and Quality	Data Reliability and Quality	The total number of messages containing critical health care information will be determined and utilized as the new baseline.	The total nbr of msgs electronically transmitted containing critical health care info will increase by 5%. Supports Enabling Goal/Objective E.3- Implement a One VA technology framework that supports integration of information across business lines.	Results will be determined for measurement during the FY.

PART I - E

PART I: SUMMARY INFORMATION AND JUSTIFICATION

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Section E: Security and Privacy (IT Capital Assets only)

System/Application Level Information:

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).

I.E.1) Identified the IT security costs for the system(s) and have integrated those costs into the overall costs of the investment:

Yes

I.E.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

I.E.3) Have any weaknesses, not yet remediated, related to any of the systems part of or supporting this investment been identified by the agency or IG?

Yes

I.E.3.a) If "yes," have those weaknesses been incorporated into the agency's plan of action and milestone process?

Yes

PART I - F

PART I: SUMMARY INFORMATION AND JUSTIFICATION

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Section F: Enterprise Architecture (EA) (IT Capital Assets only)

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.

I.F.1) Is this investment included in your agency's target enterprise architecture?

Yes

I.F.1.a) If "no," please explain why? (LONG ANSWER)

I.F.2) Is this investment included in the agency's EA Transition Strategy?

No

I.F.2.a) If "yes," provide the investment name as identified in the Transition Strategy provided in the agency's most recent annual EA Assessment. (MEDIUM ANSWER)

I.F.2.b) If "no," please explain why? (LONG ANSWER)

No EA Transition Strategy has been provided by the VA Office of Information and Technology.

I.F.3) FEA SERVICE REFERENCE MODEL:

	I.F.3) 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/.

SERVICE COMPONENT TABLE:

	Agency Component Name(SHORT ANSWER)	Agency Component Description (MEDIUM ANSWER)	FEA SRM Service Type	FEA SRM Component (a*)	FEA Service Component Reused : Component Name (b*)	FEA Service Component Reused : UPI (b*)	Internal or External Reuse? (c*)	BY Funding Percentage (d*)
1	Partner Relationship Management	Team with DoD to provide VHA clinicians DoD clinical data through remote data views using FHIE.	Customer Relationship Management	Partner Relationship Management	Data Exchange		No Reuse	0.000
2	Process Tracking	Processing is automated l (COTS). DoD sends files to FHIE, which are automatically verified and loaded into the FHIE repository.	Tracking and Workflow	Process Tracking	Instrumentation and Testing		No Reuse	0.000

3	Change Management	FHIE IPT uses Primavera IT Project Office, to monitor and track changes and proposed modifications to FHIE	Management of Processes	Change Management	Access Control		No Reuse	0.000
4	Configuration Management	The FHIE IPT designed and implemented automatic data extraction and file transfer process, eliminating the use and transport of magnetic tape media.	Management of Processes	Configuration Management	Instrumentation and Testing		No Reuse	0.000
5	Requirements Management	FHIE IPT reviews new requirements by determining business need and ensures additional requirements are integrated into the scope and the impact to FHIE in relation to cost, schedule and technology requirements.	Management of Processes	Requirements Management	Program / Project Management		No Reuse	0.000
6	Program/Project Management	FHIE IPT has identified annual strategic and performance goals and monitors and tracks FHIE performance in relation to these goals.	Management of Processes	Program / Project Management	Meta Data Management		No Reuse	0.000
7	Governance/Policy Management	FHI adheres to all applicable Federal, VHA and DoD standards and regulations including OMB, NIST, FISMA, HIPAA.	Management of Processes	Governance / Policy Management	Configuration Management		No Reuse	0.000
8	Quality Management	FHIE adheres to the established VHA Office of Information	Management of Processes	Quality Management	Knowledge Capture		No Reuse	0.000

		(OI) quality management processes.						
9	Risk Managment	FHIE IPT has identified project risks along with strategies for mitigation, costs associated with the risk, probability of occurrence and current status. FHIE has a Risk Management Plan which is updated annually.	Management of Processes	Risk Management	Process Tracking		No Reuse	0.000
10	Workgroup/Groupe-are	FHIE IPT collaborates on project related issues	Organizational Management	Workgroup / Groupware	Workgroup / Groupware		No Reuse	0.000
11	Stratgic Planning and Mgmt	The FHIE IPT consists of VHA and DoD team members who collaborate to monitor the status of the identified performance goals and objectives and life cycle costs.	Investment Management	Strategic Planning and Mgmt	Loading and Archiving		No Reuse	0.000
12	Perfomance Management	FHIE IPT measures the project cost and schedule using EVM to determine variances and if necessary identify any corrective actions and strategies.	Investment Management	Performance Management	Data Exchange		No Reuse	0.000
13	Product Managment	FHIE IPT continues identify other VHA programs that can leverage the existing FHIE architecture to provide increased efficiencies and effectiveness.	Customer Relationship Management	Product Management	Software Development		No Reuse	0.000
14	Instrumentation	FHIE IPT has	Development	Instrumentation	Intrusion		No Reuse	0.000

	and Testing	established performance metrics that are gathered and analyzed using daily usage statistics	and Integration	and Testing	Detection			
15	Instrumentation and testing	FHIE monitors performance exception events	Development and Integration	Instrumentation and Testing	Audit Trail Capture and Analysis		No Reuse	0.000
16	Document Library	FHIE stores documentation in HSD&D's TSPR document library, for FHIE IPT, stakeholders and clinicians to view securely	Collaboration	Document Library	Data Classification		No Reuse	0.000
17	Data Exchange	FHIE Exchanges data between all systems connected to the FHIE framework	Data Management	Data Exchange	Data Exchange		No Reuse	0.000
18	Data Recovery	FHIE uses high availability HealtheVet architecture for rapid data recovery.	Data Management	Data Recovery	Extraction and Transformation		No Reuse	0.000
19	Extraction and Transformation	FHIE converts local records to and from the canonical form.	Data Management	Extraction and Transformation	Extraction and Transformation		No Reuse	0.000
20	Meta Data Management	FHIE forms canonical records to metadata from an Information Model.	Data Management	Meta Data Management	Meta Data Management		No Reuse	0.000
21	Loading and Achiving	FHIE loads patient repository records which have been transferred from DoD.	Data Management	Loading and Archiving	Loading and Archiving		No Reuse	0.000
22	Data Integration	FHIE aggregates patient records from multiple sources and sorts the data.	Development and Integration	Data Integration	Data Integration		No Reuse	0.000

23	Legacy Integration	FHIE connects to legacy VHA and DoD systems to exchange records	Development and Integration	Legacy Integration	Legacy Integration		No Reuse	0.000
24	Software Development	FHIE functionality is enhanced with scheduled upgrades and deployments.	Development and Integration	Software Development	Software Development		No Reuse	0.000
25	Issue Tracking	System issues are integrated into the FHIE established development process.	Systems Management	Issue Tracking	Process Tracking		No Reuse	0.000
26	Access Control	Administrator and user access to FHIE is controlled with role based security controls.	Security Management	Access Control	Access Control		No Reuse	0.000
27	Audit Trail and Capture Analysis	FHIE Administrator actions are logged, monitored and reviewed	Security Management	Audit Trail Capture and Analysis	Audit Trail Capture and Analysis		No Reuse	0.000
28	Query	Clinicians may search FHIE for patient and date ranges and other identified values.	Search	Query	Query		No Reuse	0.000
29	Classification	Clinicians may search using type of record criteria– Medications Lab etc	Search	Classification	Classification		No Reuse	0.000
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	NOTE:
	(a*) - Use existing SRM Components or identify as "NEW". A "NEW" component is one not already identified as a service component in the FEA SRM.
	(b*) - 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.
	(c*) - '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.
	(d*) - 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.

I.F.4) FEA TECHNICAL REFERENCE MODEL:

	I.F.4) To demonstrate how this major IT investment aligns with Reference Model (TRM), please list the Service Areas, Service Specifications supporting this IT investment.

TECHNICAL REFERENCE MODEL TABLE:

	FEA SRM Component (a*)	FEA TRM Service Area	FEA TRM Service Category	FEA TRM Service Standard
1	Data Exchange	Service Access and Delivery	Service Transport	Service Transport
2	Instrumentation and Testing	Service Access and Delivery	Service Requirements	Legislative / Compliance
3	Access Control	Service Access and Delivery	Service Requirements	Authentication / Single Sign-on
4	Instrumentation and Testing	Service Access and Delivery	Service Requirements	Legislative / Compliance
5	Program / Project Management	Service Access and Delivery	Software Engineering	Legislative / Compliance
6	Meta Data Management	Service Platform and Infrastructure	Software Engineering	Modeling
7	Configuration Management	Service Platform and Infrastructure	Software Engineering	Software Configuration Management
8	Issue Tracking	Service Platform and Infrastructure	Software Engineering	Software Configuration Management
9	Workgroup / Groupware	Service Platform and Infrastructure	Support Platforms	Platform Dependent

10	Loading and Archiving	Service Platform and Infrastructure	Database / Storage	Database
11	Data Exchange	Component Framework	Data Interchange	Data Exchange
12	Software Development	Component Framework	Business Logic	Platform Independent
13	Intrusion Detection	Component Framework	Security	Certificates / Digital Signatures
14	Audit Trail Capture and Analysis	Component Framework	Security	Supporting Security Services
15	Data Exchange	Service Interface and Integration	Integration	Middleware
16	Data Integration	Service Interface and Integration	Interoperability	Data Transformation
17	Extraction and Transformation	Service Interface and Integration	Interoperability	Data Transformation
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		NOTE:
		(a*) - Service Components identified in the previous question(I.F.3) should be entered in this column. Please enter multiple rows for FEA SRM Components supported by multiple TRM Service Specifications
		(b*) - 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.
		I.F.5) Will the application leverage existing components and/or applications across the Government (i.e., FirstGov, Pay.Gov, etc)?
		Yes
		I.F.5.a) If "yes," please describe. (LONG ANSWER)
		FHIE leverages existing DoD services and applications including Defense Enrollment Eligibility Reporting System (DEERS), Defense Manpower Data Center (DMDC), and Composite Health Care System (CHCS). FHIE also leverages VHA services including the VHA Message Passing Interface (MPI), Computerized Patient Records System (CPRS), Rapid Design Visualization (RDV), and Veteran's Health Information System and Technical Architecture (VistA).
		I.F.6) Does this investment provide the public with access to a government automated information system?
		No
		I.F.6.a) If "yes," does customer access require specific software (e.g., a specific web browser version)?

PART III - A

Part III: For "Operation and Maintenance" investments ONLY (Steady State)

Part III should be completed only for investments identified as "Operation and Maintenance" (Steady State) in response to Question 6 in Part I, Section A above.

OMB Text Limitations - SHORT ANSWER(250 Characters), MEDIUM ANSWER(500 Characters) and LONG ANSWER(2500 Characters)

Section A - RISK MANAGEMENT (All Capital Assets)

In order to successfully address this issue on the business case and capital asset plan, you must have performed a risk assessment at the initial concept, included mandatory risk elements defined below and demonstrate active management of the risk throughout the life-cycle of the investment.

For all investments, both IT and non-IT, you must discuss each of the following risks and present your plans to eliminate, mitigate, or manage risk, with milestones and completion dates. If there is no risk to the investment achieving its goals from a risk category, indicate so. If there are other risks identified, include them. Risk assessments should include risk information from all stakeholders and should be performed at the initial concept stage and then monitored and controlled throughout the life-cycle of the investment. Risk assessments for all investments must include: 1) schedule ; 2) initial costs; 3) life-cycle costs); 4) technical obsolescence; 5) feasibility; 6) reliability of systems; 7) dependencies and interoperability between this investment and others; 8) surety (asset protection) considerations; 9) risk of creating a monopoly for future procurements; 10) capability of agency to manage the investment; and 11) overall risk of investment failure.

In addition, for IT investments, risk must be discussed in the following categories 12) organizational and change management; 13) business; 14) data/info; 15) technology; 16) strategic; 17) security; 18) privacy; and 19) project resources. For security risks, identify under the Description column the level of risk as high, medium, or basic. What aspect of security determines the level of risk, i.e., the need for confidentiality of information, availability of information or the system, reliability of the information or system? Under the Current Status column, list the milestones remaining to mitigate the risk.

Moreover, for each risk category with a probability of occurrence of at least medium and impact of at least medium, please indicate whether or not the costs to mitigate the risk have been incorporated into your lifecycle cost estimates in the summary of spending stages section of this Exhibit 300. If not, please also indicate why in your response.

III.A.1) Does the investment have a Risk Management Plan?

Yes

III.A.1.a) If "yes," what is the date of the plan?

Sep 23, 2005

III.A.1.b) Has the Risk Management Plan been significantly changed since last year's submission to OMB?

Yes

III.A.1.c) If "yes," describe any significant changes: (LONG ANSWER)

 Risk Management Plan utilized "Risk Watch" software which is a totally new format and items incorporated.

III.A.2) If there currently is no plan, will a plan be developed?

III.A.2.a) If "yes," what is the planned completion date?

III.A.2.b) If "no," what is the strategy for managing the risks? (LONG ANSWER)

PART III - B

Part III: For "Operation and Maintenance" investments ONLY (Steady State)
Part III should be completed only for investments identified as "Operation and Maintenance" (Steady State) in response to Question 6 in Part I, Section A above.
OMB Text Limitations - SHORT ANSWER(250 Characters), MEDIUM ANSWER(500 Characters) and LONG ANSWER(2500 Characters)

III.B) Cost and Schedule Performance:
III.B.1) Was operational analysis conducted?
No
III.B.1.a) If "yes," provide the date the analysis was completed.
III.B.1.b) If "yes," what were the results? (LONG ANSWER)
III.B.1.c) If "no," please explain why it was not conducted and if there are any plans to conduct operational analysis in the future: (LONG ANSWER)
The FHIE program plans to conduct a Program Management Review (PMR) of the FHIE system. In accordance with VA Directive 6061, which requires the use of post implementation reviews and operational analysis on operations and maintenance efforts for sustainment (system operation/steady state) investments to promote more effective management oversight, the FHIE will satisfy this operational analysis. Currently, VA is now completing a guide, which will require regular use of Operational Analysis to formally assess how well an investment is meeting program objectives, customer needs, and is performing within baseline performance goals. The FHIE PMR formally addresses each of theses criteria and the performance criteria described next. The VA operational analysis will involve the collection of information concerning an investment's performance and the comparison of this performance with an established baseline. Performance measures are required in order to determine how well the asset supports customers and stakeholders, how well the asset is managed by the agency, how well the IT system is operating, and how well the asset is meeting established performance goals. The outputs of the operational analysis are recommendations to VA agency resource managers as to the asset's continued use, modification, improvement, or termination.
III.B.2) Complete the following table to compare actual performance against the current performance baseline and to the initial performance baseline. In the Current Baseline section, for all milestones listed, you should provide both the baseline and actual completion dates (e.g., "03/23/2003"/ "04/28/2004") and the baseline and actual total costs (in $ Millions).
III.B.2.a) What costs are included in the reported Cost/Schedule Performance information (Government Only/Contractor Only/Both)? (Per OMB requirements Cost/Schedule Performance information should include both Government and Contractor Costs).
Contractor and Government
III.B.2.b) Complete the following table to compare actual performance against the current performance baseline and to the initial performance baseline. In the Current Baseline section, for all milestones listed, you should provide both the baseline and actual completion dates (e.g., "03/23/2003"/ "04/28/2004") and the baseline and actual total costs (in $ Millions).

Description of Milestone	Current BL Completion Date Planned	Current BL Completion Date Actual
Requirements and Development	Nov 30, 2000	Nov 30, 2000
Development and Implementation	Jul 31, 2002	Jul 31, 2002
Enhancements/Milestone 3	Mar 31, 2004	Mar 31, 2004
Maintenance and Operation FY04	Sep 30, 2004	Sep 30, 2004
Maintenance and Operation FY05	Sep 30, 2005	Sep 30, 2005
Maintenance and Operation FY06/Start Milestone 4	Sep 30, 2006	Sep 30, 2006
Maintenance and Operation FY07 (includes completion of the VA's milestone IV	Sep 30, 2007	
Maintenance and Operation FY08	Sep 30, 2008	