

Products...Target...Gap, Redundancy, Reuse Analysis

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1. Gap, Redundancy, Reuse Analysis

1.1. The Gap Analysis within the Context of the Target Architecture

The earlier Target Architecture Strategy section introduced a vision of the desired Target Architecture End-State, at a five to seven year planning horizon. Following that, the Segment Architecture Development Section introduced VA's strategy for implementing business improvements and IT systems within a series of discrete segment architectures. Each of these segment architectures either optimizes resource sharing among a group of highly related business lines or defines a group of related sharable services for use across the enterprise. The subsequent Target Architecture Transition Plan identified actions that the Office of Enterprise Architecture Management is taking to implement both the planned segment architectures and related IT investments which will result in achieving the desired target end-state. This Gap, Redundancy, and Reuse sections identify what additional investments (and adjustments to investments) are required, within the forthcoming BY-2009 Portfolio to move VA toward achieving the target architecture end-state.

1.2. Identification of Implementation Gaps and Reuse Opportunities

This *Target Reuse, Redundancy and Gap Analysis* section considers each of the ongoing projects within the current portfolio from the standpoint of sufficiency and completeness. Wherever the Target Vision calls for a development activity that is not identified within a current project, a project-placeholder entry is provided. Each project-placeholder entry is then discussed as a potential, new project within the following *EA Portfolio Recommendations* section, in order to bring the matter to the attention of VA's business-line stakeholders. Project-Placeholder entries appear in ***Bold-Italic Typeface*** within the table.

Projects and project-placeholders are organized within the five target architecture layers and they reference their related segment architectures in the tables below. The gap and reuse analysis proceeds as follows:

- When a project is found to be incomplete, a "gap" is identified and the omission is cited in the "Identify Potential Gap" column of the table;
- When a project can possibly reuse existing sharable components or sharable data, or when the project is understood to provide sharable components or sharable data, for reuse in other projects, then those factors are documented in the "Identify Potential for Reuse" column of the table;
- When there is a possibility to combine two projects or to subsume one project with another,

because of duplication of effort, then that factor is noted within the "Duplication-Consolidation" column of the table.

- When an entire project is missing, which would be required to complete the target end-state vision, then that unsatisfied requirement is identified in ***Bold-Italic-Typeface*** on a “missing-project-placeholder” line within the table;
- Possible future IT requirements (which may be business-line pilot activities without specific IT requirements at present) are cited in the table and shown in *Italic-Italic-Typeface*, and are labeled "Possible Future-Requirement".

1.2.1. Service Access Layer

Initiative Identification				Reuse, Redundancy & Gap Analysis			
Initiative Name	Related Segment Architecture	CPIC-Status: Project-Stat And Planned Deployment Date	Initiative Information Source & Information Date (Meta-Data)	Identify Potential for Reuse	Identify Potential Gap	Identify Possible Duplication and Consolidation with other Initiatives	Gap/Reuse Information Source & Information Date (Meta-Data)
One VA Contact Center (EA-45)	Identity management Services Segment	Approved Budget Re-Baselined Milestone-1, Deploy-by: 9/2009	Ex-300(2007 9/30/2005 Ex-300(2008 9/30/2006	This Project will produce sharable data and contact management services which will then be available across all business lines and to other projects VAMP (The VBA	No Apparent Gap	The VBA/VBRS System Development Effort develops a common knowledgebase of VA benefit, service and process information (including State veteran program information) for answering veteran	EA V4.0 GAP Analysis Section 5/2005 EA V4.1 GAP Analysis Section 2/2006 BY-2008 Portfolio 9/2006

				Application Replacement Project) EA-60 has been identified to utilize services provided by this One-VA Contact Center Project		inquiries, to assure that veterans receive complete, correct, and consistent information on every call. During 2006, VBRS was consolidated with the Contact Management Project.	
VHA VistA Imaging (EA-17)	“Proposed” Health Business Segment	Continuing Milestone-3 Deploy-by: 9/5/2011	Ex-300(2007) 9/30/2005 Ex-300(2008) 9/30/2006	This project develops an Imaging standard and sharable service technology that will apply to numerous Medical Imaging applications deployed across all VA VISNs These Imaging Services may have	No Apparent Gap	No Project Consolidation Potential However, this project will retire many local, non-standard legacy medical imaging support systems	EA V4.0 GAP Analysis Section 5/2005 EA V4.1 GAP Analysis Section 2/2006

				reuse potential within other Federal Health Care Systems therefore they will be posted within the Federal Transition Framework Sharable Service Directory			
WEB Presentation Standardizati	“Proposed” Information Services Segment	Not in CPIC (Implemented thru O&M) Deploy-by: 6/21/2006	VA Policy for Web Site Look and Feel 12/21/2005	Establishes a Web Look/Feel This standard applies across all VA websites	No Apparent Gap	No Project Consolidatio Potential	EA V4.1 2/2006
WEB Content Management Standardizati	“Proposed” Information Services Segment:	Not in CPIC Implemented thru O&M Deploy-by: 7/1/2007	VA Directive 6102 Chapter 7 a/o 12/2005	Content Mgt Standard and COTS solution. This standard applies across all VA websites	No Apparent Gap	No Project Consolidatio Potential	EA V4.1 2/2006

1.2.2. Business Rule Implementation Layer

Initiative Identification	Reuse, Redundancy & Gap Analysis
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Initiative Name	Related Segment Architecture	CPIC-Status Project-Stat And Planned Deployment Date	Initiative Information Source & Information Date (Meta-Data)	Identify Potential for Reuse	Identify Potential Gap	Identify Possible Duplication and Consolidation with other Initiatives	Gap/Reuse Information Source & Information Date (Meta-Data)
VistA Laboratory Information System (EA-18)	“Proposed” Health Business Segment	Continuing Milestone-1 Deploy-by: 9/1/2009	Ex-300(2007 9/30/2005 Ex-300(2008 9/30/2006)	This project replaces the VHA Legacy Laboratory Service's IT system and its associated business processes. The replacement system should interface with the Health Data Repository and with the RE-Veterans data store, providing data sharing and re-use opportunities in both areas.	No Apparent Gap	This project will create a patient-centered knowledgebase of laboratory information that will be accessible to all 158 VA healthcare facilities. It will eliminate separate data stores at each facility.	EA V4.0 5/2005 BY-2007 Portfolio 9/2005 EA V4.1 2/2006 BY-2008 Portfolio 9/2006
VA Payroll Replacement System - e-Payroll	“Proposed” Financial Services Segment	Continuing Milestone-2 Deploy-by:	Ex-300(2007 9/30/2005)	Utilizes the PMA e-Payroll solution	No Apparent Gap	No Project Consolidation Potential	BY-2007 Portfolio 9/2005

(EA-34)		9/2009	Ex-300(2008 9/30/2006	Will be implemented for all VA employees and all VA locations			By-2008 Portfolio 9/2006
VBA Application Migration Project (VAMPS) (EA-60) This was an EA-Recommendation Project in EA V4.1 (2/2005) which was subsequently adopted in 2006	"Proposed" Benefits Business Segment	This was an "EA V4.1-proposed project in 2007 It Has been initiated as the new VBA Application Migration Project (VAMPS) at Milestone-0 and it will appear as a new investment within BY-2008	VA BY-2008 Portfolio EA V4.2 VBA Project Architecture Initiative in 2006	This initiative will assure that the single authoritative data source, developed by the DIMHRS, RE and CM initiatives, will be accessible to all VBA legacy business systems. This project addresses the requirement that was articulated in the "DIMHRS Proposed Gap Project" within EA V4.1	This project resolves two gaps which were identified in the EA V4.1 Portfolio Recommendation specifically: 1) A new project is required to remediate VA Legacy Business-Line Apps to receive & process veteran identification & demographic data that are altered by the DIMHRS VA/DoD data sharing initiative - this is addressed with an unfunded, optional task in	No Consolidation Potential with other initiatives	EA V4.0 '5/2005 EA V4.1 2/2006 Project-Architecture Stakeholder Review 1/2006

					VAMPS; and 2) A new project to integrate RE veteran identity data with existing VBA benefit applications - this is addressed with the base-level VAMPS task		
VBA Data Centric Transition for VR&E and Education (EA-59)	"Proposed" Benefits Business Segment	New Investment in BY-2008 Milestone-1 Deploy-by 9/2010	VA-BY-2008 Portfolio EA V4.2 VBA Project Architecture Initiative in 2006	This project will provide a data-centric claim processing and document-imaging system for the Vocational Rehabilitation and Employment business line and for the Education business line. This solution is designed to be shared	No Apparent Gap	No Project Consolidation Potential However, this project will provide a common claims processing and document imaging service which will be shared by all benefits business lines, thereby reducing the complexity and unique	BY-2008 Portfolio

				<p>by the remaining four benefit business lines</p> <p>It will become a sharable service center within VA's emerging SOA</p>		<p>system development cost within each benefit business line</p>	
VHA Medical and Prosthetic Research (EA-13)	"Proposed" Health Business Segment	Continuing Milestone-2 Deploy-by: 3/2009	<p>Ex-300(2007) 92005</p> <p>Ex-300(2008) 9/2006</p>	<p>This project provides a standard web-based management system for research proposals, grants and projects which will support an initial 15000 research projects across 115 VA medical facilities</p> <p>Eliminates stovepipe legacy research grant processing</p>	No Apparent Gap	<p>No Project Consolidation Potential</p> <p>Many local legacy grants management systems are eliminated by this project.</p>	<p>EA V4.0 5/2005</p> <p>BY-2007 Portfolio 9/2005</p> <p>EA V4.1 2/2006</p> <p>BY-2008 Portfolio 9/2006</p>

				systems at many local VA facilities.			
VHA Pharmacy Re-Engineer and IT Support (EA-14)	“Proposed” Health Business Segment	Continuing Milestone-3 Deploy-by: 9/2007	Ex-300(2007) 9/2005 Ex-300(2008) 9/2006	<p>This Project will provide enhanced patient safety capabilities along with much needed legacy system replacement for VHA pharmacy support functions.</p> <p>The replacement system should interface with the HDR veteran-share data store and with the RE-Veterans data store, providing data sharing and re-use opportunities in both areas.</p>	No Apparent Gap	<p>No Project Consolidatio Potential</p> <p>However this project will replace many local legacy stove-piped systems with a national database.</p> <p>The national drug file will be updated 52 times per year (as opposed to the current 5 updates per year) thereby improving the quality of care and patient safety</p>	<p>EA V4.0 5/2005</p> <p>BY-2007 Portfolio 9/2005</p> <p>EA V4.1 2/2006</p> <p>BY-2008 Portfolio 9/2006</p>

<p>VHA Appointment Scheduling Replacement (EA-15)</p>	<p>“Proposed” Health Business Segment</p>	<p>Continuing Milestone-2 Deploy-by: 6/2008</p>	<p>Ex-300(2007) 9/2005 Ex-300(2008) 9/2006</p>	<p>This Project will reduce the wait-time between booking and executing outpatient health care appointments within the VHA health care system.</p> <p>The replacement system will interface with the HDR veteran-share data store and with the RE-Veterans data store, providing data sharing and re-use opportunities in both areas.</p>	<p>No Apparent Gap</p>	<p>No Project Consolidation Potential</p> <p>This project will create a national system and database which will retire many stovepipe legacy systems</p>	<p>EA V4.0 5/2005</p> <p>BY-2007 Portfolio 9/2005</p> <p>EA V4.1 2/2006</p> <p>BY-2008 Portfolio 9/2006</p>
<p>VA-Learning Management System (EA-16)</p>	<p>“Proposed” Education & Training Services Segment</p>	<p>Continuing Milestone-3 Deploy-by: 2/2008</p>	<p>Ex-300(2007) 9/30/2005 Ex-300(2008) 9/13/2006</p>	<p>Utilizes the PMA e-Training Solution</p>	<p>No Apparent Gap</p>	<p>Consolidates and replaces all local and administrative legacy training systems into one national</p>	<p>BY-2007 Portfolio 9/2005</p> <p>EA V4.1 2/2006</p>

						web-portal. Creates a unified training record for all VA training requirements	BY-2008 Portfolio 9/2006
Patient Financial Services System (PFSS) (EA-05)	“Proposed” Health Business Segment	Continuing Milestone-2 Deploy by 9/2009	Ex-300(2007) 9/30/2005 Ex-300(2008) 9/30/2006	No Apparent Reuse Potential	No Apparent Gap	This project will consolidate and replace a variety of legacy third party billing systems with one standard national system	BY-2007 Portfolio 9/2005 EA V4.1 2/2006 BY-2008 Portfolio 9/2006
The Education Expert System (TEES) (EA-25)	“Proposed” Benefits Business Segment	Continuing Milestone-3 Deploy-by: 7/2007	Ex-300(2007) 9/30/2005 Ex-300(2008) 9/30/2006	This project provides a system that will process 90% of all education benefit applications and student status changes without human intervention No	No Apparent Gap	No Project Consolidation Potential Replaces legacy education benefit processing system and dramatically reduces manual processing	BY-2007 Portfolio 9/2005 BY-2008 Portfolio 9/2006

				Apparent Reuse Potential			
PIV (EA-62) VA e-Authentic Solution (Formerly AAIP)	“Proposed” Information Services Segment	Not in CPIC Pre-Milestone 0 Unscheduled project recommended by EA V4.1 & EA V4.2 Deploy-by: Mid-2009	AAI Re-Baseline	Utilizes the PMA e-Authentic Solution	No Apparent Gap	No Project Consolidation Potential Process would become a sharable solution to be applied to all VA business lines, stakeholders and application systems	BY-2008 Portfolio 9/2006
“FLITE” Financial Management Replacement (Formerly CoreFLS Re-baseline - Project Placeholder Entry) (EA-40)	“Proposed” Financial Services Segment	Approved Budget Re-Baseline Milestone 1 Deploy-by: 9/2009	Ex-300(2007 9/30/2005 Ex-300(2008 9/30/2006	Possible future use of PMA e-Finance Solution	No Apparent Gap	This project will consolidate over many legacy financial systems across VA, replacing them with a single system and data store, capable of consolidated Department reporting. The following	BY-2007 Portfolio 9/2005 BY-2008 Portfolio 9/2006

						major legacy systems will be replaced (a) PAID, (b) FMS; (c) IFCAP; (d) AMERS/MR Along with 24 lesser systems.	
MyHealththeV Interactive health record management (EA-42)	“Proposed” Health Business Segment	Approved Budget Continuing Milestone 2 Phased Implementation between 2006 and 2011	Ex-300(2007 9/30/2005 Ex-300(2008 9/30/2006	Project will be initially implemented VA-wide with no further potential for reuse	No Apparent Gap	This is new veteran self-service functionality with no project consolidation potential	BY-2007 Portfolio 9/2005 BY-2008 Portfolio 9/2006
VA e-Travel Solution	“Proposed” Memorial Burial and Headquarters Business Segment	Project completed Milestone 4 In 2006 Project in O&M	Ex-300(2007 9/30/2005 Ex-300(2008 9/30/2006	Utilizes the PMA e-Travel Solution	No Gap	No Project Consolidation Potential	By-2008 Portfolio 9/2006
VHA Enrollment Enhancement (EA-63)	“Proposed” Health Business Segment	2008 Budget Requested	Ex-300(2008 9/2006	Will be initially implemented across	No Apparent Gap	Candidate for consolidation with the	BY-2008 Portfolio 9/2006

		Project at Milestone-0 Deployment planned for 9/2012		1400 VHA health care facilities with no identified potential for further reuse		One-VA Registration Eligibility Program (EA-46)	
VHA Vista Foundation Modernization (EA-64) Replaces HealtheVet-V (EA-41)	“Proposed” Health Business Segment	Approved Budget as HealtheVet-V in 2007 Project at Milestone-1 Deployment planned for 9/2010	Ex-300(2008) 9/2006	This is a base level process for healthcare. It will be deployed in 6 regions to support over 150 healthcare facilities	No Apparent Gap	No Project Consolidation Potential	BY-2008 Portfolio 9/2006
VBA Rules-Based Claims Processing (EA-61)	“Proposed” Benefits Business Segment	Initial Budget Request for BY-2008 Project at Milestone-0 Deploy by 9/2013	Ex-300(2008) 9/2006	This project implements a rule-engine that may be adapted or expanded to support other benefit business lines	No Apparent Gap	No Project Consolidation Potential However this project will replace the claims processing portion of two or more benefit business line systems	BY-2008 Portfolio 9/2006
VA <i>e-Records Management Standardization Pilot</i>	“Proposed” Memorial Burial and Headquarters Business Segment	EA V4.1/V4.2 recommended Initiative	EA V4.1 Target EA Portfolio Recommendation	Recommended solution: Utilize the PMA e-Records-M Solution to implement	No Apparent Gap	Recommended project would create a unified paper and electronic	EA V4.1 9/2006 EAV4.2 9/2007

<i>"missing-pro</i>		Pre-CPIC Pre-Milestone	EA V4.2 Target EA Portfolio Recommend	this requirement		records management process across VA. No Department- process is currently in place. No Project Consolidatio Potential	
VHA Fee-Based Health Care Reimburse <i>"missing-pro</i>	"Proposed" Health Business Segment	Unfunded in 2007 & 2008 due to budget cuts Milestone 0 Deployment not Scheduled	Ex-300(2007 9/30/2005 Ex-300(2008 9/30/2006	This project will replace the VHA legacy claims processing system that enables VHA to reimburse private hospitals for services that they render to Veterans who are eligible for VHA health care. It may also be possible to satisfy this requirement with a PMA	No Apparent Gap	No Project Consolidatio Potential	EA V4.0 5/2005 EA V4.1 2/2006

				e-Gov claims processing solution.			
VHA DSS-Modern "missing-pro	"Proposed" Health Business Segment	Unfunded in 2007 & 2008 due to budget cuts Milestone 0 Deployment not Scheduled	Ex-300(2007) 9/30/2005 Ex-300(2008) 9/30/2006	Utilizes HDR data and data specification	No Apparent Gap	No Project Consolidatio Potential	EA V4.0 5/2005 EA V4.1 2/2006
<i>Seamless Transition</i> <i>"Possible Future Requirement</i>	<i>"Proposed" Health Business Segment</i>	<i>This is not an IT requirement or project at this time.</i> <i>It is a pilot business program which may generate requirements for an IT project at a later date</i>	<i>VA/DoD JEC 2005 Annual Report</i>	<i>Objective ---Collect identification and health care data from active services members, prior to discharge, across various DoD Medical Treatment facilities and across possibly numerous interview sessions with VA councilor personnel to create a service-mem. profile for case management across all VA</i>	<i>No Apparent Gap</i>	<i>No Project Consolidatio Potential</i>	<i>VA/DoD JEC 2005 Annual Report</i>

				<i>business lines and expedite award of VA benefits once veteran has been discharged</i>			
<i>VA/DoD Health Collaboratio (Patient Sharing)</i>	<i>“Proposed” Health Business Segment</i>	<i>This is not an IT requirement at this time. It is a pilot business program which may generate an IT project at a later date</i>	<i>VA/DoD JEC 2005 Annual Report</i>	<i>Possible future reuse of DoD-CHCS and Vista</i>	<i>No Apparent Gap</i>	<i>No Project Consolidatio Potential</i>	<i>VA/DoD JEC 2005 Annual Report</i>
<i>”Possible Future Requirement</i>							
<i>Cooperative Separation Exam</i>	<i>“Proposed” Health Business Segment</i>	<i>This is not an IT requirement atthis time. It is a pilot business program which may generate an IT project at a later date</i>	<i>VA/DoD JEC 2005 Annual Report</i>	<i>May utilize Bidirectional Health Information Exchange (BHIE), data at a later date</i>	<i>Possible future design of a joint physical examination document</i>	<i>No Project Consolidatio Potential</i>	<i>VA/DoD JEC 2005 Annual Report</i>
<i>”Possible Future Requirement</i>							

1.2.3. Enterprise Information Layer

Initiative Identification				Reuse, Redundancy & Gap Analysis			
Initiative	Related	CPIC-Statu	Initiative	Identify	Identify	Identify	Gap/Reuse

Name	Segment Architecture	Project-Status And Planned Deployment Date	Information Source & Information Date (Meta-Data)	Potential for Reuse	Potential Gap	Possible Duplication and Consolidation with other Initiatives	Information Source & Information Date (Meta-Data)
VHA Health Data Repository Development (HDR) (EA-12)	"Proposed" Health Business Segment	Continuing Milestone-1 Deploy-by: 9/2009	Ex-300(2007) 9/30/2005 Ex-300(2008) 9/30/2006	<p>This project creates a Sharable data store of Veteran Health Information for access at any VA Healthcare Facility;</p> <p>This project also creates standard access methodology for business-Lin based Apps to access this data.</p> <p>This health data will be shared across all 1400 VHA health care facilities through interface with the Vista system.</p>	No Apparent Gap	<p>No Project Consolidation Potential.</p> <p>However, the project eliminates multiple, redundant occurrences of health data and data collection applications (one per current production instance of Vista)</p>	<p>BY-2007 Portfolio 9/2005</p> <p>BY-2008 Portfolio 9/2006</p>

<p>One VA Eligibility and Registration (EA-46)</p>	<p>“Proposed” Health Business Segment</p>	<p>Re-Baseline Milestone-1 Deployment planned for: 9/2009</p>	<p>Ex-300(2007 9/30/2005 Ex-300(2008 9/30/2006</p>	<p>This project creates a Sharable data store of Veteran identification data and service history data for use across all business lines; This project also creates standard access methodology for business-Line based Apps to access this data.</p>	<p>No Apparent Gap ----- Project scope must include: 1) Acquisition of registration data from registration-f 2) Acquisition of Service History data from DMDC/DIM 3) Development of a registration-c App 4) Data Capture App must support Legacy data feeds as well as new RE-feed until all Legacy Apps are converted.</p>	<p>This RE-project is a candidate for consolidation with the VHA Enrolment Enhancement Project (EA-63)</p>	<p>EA V4.0 5/2005 EA V4.1 2/2006 EA V4.2 2/2007</p>

<p>Shared Financial Management and Logistics data Store Initiative</p> <p><i>”missing-pro</i></p>	<p>“Proposed” Financial Services Segment</p>	<p>EA V4.1/V4.2 recommende Initiative</p> <p>Pre-CPIC</p> <p>Pre-Mileston</p>	<p>EA V4.1 & V4.2 Recommend Project</p>	<p>1) This project would create a Sharable data store of Financial Management data, for use across all business lines;</p> <p>2) This project also creates standard access methodology for business-Lin based Apps to access this data.</p>	<p>No Apparent Gap</p>	<p>Project would replace and combine s number of Financial/Lo Systems across VA</p>	<p>EA V4.1 2/2006</p> <p>EA Proposed Initiative</p>	<p>ement</p>
<p>Shared Asset management & Facility management Data Initiative</p> <p><i>”missing-pro</i></p>	<p>“Proposed” Material Management Services Segment</p>	<p>EA V4.1/V4.2 recommende Initiative</p> <p>Pre-CPIC</p> <p>Pre-Mileston</p>	<p>EA V4.1 & V4.2 Recommend Project</p>	<p>1) This project would create a Sharable data store of Asset and facility Management data, for use across all business lines;</p> <p>2) This project also creates standard access methodology for business-Lin</p>	<p>No Apparent Gap</p>	<p>Project would support and possibly combine various asset management systems across VA</p>	<p>EA V4.1 2/2006</p> <p>EA Proposed Initiative</p>	

				based Apps to access this data.			
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1.2.4. Platform Enablement Software Layer

Initiative Identification				Reuse, Redundancy & Gap Analysis			
Initiative Name	Related Segment Architecture	CPIC-Status: Project-Stat And Planned Deployment Date	Initiative Information Source & Information Date (Meta-Data)	Identify Potential for Reuse	Identify Potential Gap	Identify Possible Duplication and Consolidation with other Initiatives	Gap/Reuse Information Source & Information Date (Meta-Data)
Windows-XI & Windows-2000 Operating-System Migration & Standardization	Information Management Services Segment	Not In CPIC Funded Through O&M Deploy XP by 9/2007	CIO Directive 10/04/2005	No Apparent Reuse Potential	No Apparent Gap	No Project Consolidation Potential	EA Project Plan Review 11/2005
VA Enterprise Cyber Security Program (COTS S/W Upgrade & Security Patch Management)	Information Management Services Segment	Project completed Milestone 4 In 2006 Project in O&M	Ex-300(2007) 9/30/2005 Ex-300(2008) Omnibus-Inf 9/30/2006	No Apparent Reuse Potential	No Apparent Gap	No Project Consolidation Potential	BY-2007 Portfolio 9/2005 BY-2008 Portfolio 9/2006
IPV6 Transition Program	Information Management Services Segment	Incorporated in Omnibus Infrastructure Budget	CIO Directive 1/21/2005	No Apparent Reuse Potential	No Apparent Gap	No Project Consolidation Potential	EA V4.1 2/2006

		Request					EA V4.2 2/2007
		Project at Milestone-0					
		Deploy-by: 9/2008					

1.2.5. Shared Infrastructure Layer

Initiative Identification				Reuse, Redundancy & Gap Analysis			
Initiative Name	Related Segment Architecture	CPIC-Status Project-Status And Planned Deployment Date	Initiative Information Source & Information Date (Meta-Data)	Identify Potential for Reuse	Identify Potential Gap	Identify Possible Duplication and Consolidation with other Initiatives	Gap/Reuse Information Source & Information Date (Meta-Data)
VA Enterprise Telephony Agenda	Information Management Services Segment	Continuing Milestone 0 Deploy by Phase-1 09/07 & Phase-2 12/07	Ex-300(2007 9/30/2005 Ex-300(2008 9/30/2006)	Provides an Enterprise-wide Shared Voice Messaging Solution No discernable potential for reuse	No Apparent Gap	No Project Consolidation Potential	By-2007 Portfolio 9/2005 By-2008 Portfolio 9/2006
VA Standard COOP Solution	Information Management Services Segment	Incorporated in Omnibus Infrastructure Budget Request	Ex-300(2007 9/30/2005)	Provides an Enterprise-wide Shared Disaster Recovery	No Apparent Gap	No Project Consolidation Potential	By-2007 Portfolio 9/2005

Developer (EA-37)		Project at Milestone-2 Deploy by 9/2009	Ex-300(2008) 9/30/2006	Standard Practice and Resource No discernable potential for reuse			By-2008 Portfolio 9/2006
VA Radio Frequency Transition PMO	Information Management Services Segment	Funding Complete Project at Milestone-4 Deployment occurred in 9/2006 Project in O&M	Ex-300(2007) 9/30/2005 Ex-300(2008) 9/30/2006	Provides an Enterprise-w Interoperabil Standard and Resource for Emergency Radio Communicat No discernable potential for reuse	N/A Project complete	No Project Consolidatio Potential	By-2007 Portfolio 9/2005
Telecom Modernizatio Project (TMP)	Information Management Services Segment	Funding Complete Project at Milestone-4 Deployment occurred in 9/2006 Project in O&M	Ex-300(2007) 9/30/2005 Ex-300(2008) 9/30/2006	Provides an Enterprise-w Shared Resource for Long Distance Data, Image and possibly Voice Networking.	N/A Project complete	No Project Consolidatio Potential	By-2007 Portfolio 9/2005

Exchange (Messaging) Server Consolidation Program	Information Management Services Segment	Phase-I Funding Complete Phase-II Unfunded Project at Milestone-4 Phase-I Complete Phase-II Unscheduled Project in O&M	By-2007 Omnibus Infrastructure Ex-300 9/2006	The first phase consolidates over 100 disbursed messaging systems into a shared resource complex of 23 centrally managed messaging sites and provides standardized VA e-mail addressing The second phase will further consolidate this shared service to six sites across the VA intranet.	N/A Project complete	No Project Consolidation Potential	By-2007 Portfolio 9/2005
Regional Data Processing Center (RDPC) Initiative (EA-51)	Information Management Services Segment	Initial Budget Request for BY-2008 Milestone-1 Deployment planned for 9/2010	Initial Budget Request for BY-2008	Consolidates 128 Exchange e-Mail servers across VA into 24 servers at 23-Regional data centers on the VA intranet. This configuration will	No Apparent Gap	Further server consolidation would be achieved with Phase-II which is currently unfunded.	BY-2008 Portfolio 9/2006

				consolidate local servers and workloads for efficiency in management labor allocation, Continuity of Operations and into regional centers.			
<p>CAN/MAN Network Standardization Initiative</p> <p><i>"missing - project - placeholder"</i></p>	Information Management Services Segment	<p>Conceptual Initiative</p> <p>Pre-CPIC</p> <p>Pre-Milestone Plan for Mid-2011</p>	<p>EA V4.1 2/2006</p> <p>EA Proposed Initiative</p>	<p>Project establishes a reusable "Pattern" for CAN/MAN design and assures a minimum Class of Service Performance across the network distribution layer</p> <p>Assure CAN/MAN Compatibility with IPV6 Initiative</p>	No Apparent Gap	<p>Project would provide standard Class of Service and Predictable bandwidth and services across VA's regional networks.</p>	<p>EA V4.1 2/2006</p> <p>EA Proposed Initiative</p>
<p>LAN Network Standardization Initiative</p> <p><i>"missing -</i></p>	Information Management Services Segment	<p>Conceptual Initiative</p> <p>Pre-CPIC</p> <p>Pre-Milestone Plan for</p>	<p>EA V4.1 2/2006</p> <p>EA Proposed Initiative</p>	<p>Project establishes a reusable "Pattern" for LAN design and assures a</p>	No Apparent Gap	<p>Project would provide standard Class of Service and Predictable</p>	<p>EA V4.1 2/2006</p> <p>EA Proposed Initiative</p>

<i>project - placeholder'</i>		Mid-2011		minimum Class of Service Performance across the network access layer Assure LAN Compatibility with IPV6 Initiative		bandwidth and services across VA's Local Area networks; It would facilitate auto-discover server and server-application validation and monitoring.	
VA-wide RFID-Tagging standardization Exploitation Initiative <i>"missing - project - placeholder'</i>	Information Management Services Segment	Conceptual Initiative Pre-CPIC Pre-Milestone Plan for Mid-2011	EA V4.1 2/2006 EA Proposed Initiative	Project establishes "Patterns" for various RFID-Tagging Applications These Apps would be universally applied across VA.	No Apparent Gap	Project would support expanded use of RFID tagging for inventory control, for management of perishable commodities and for smart-prescription type programs	EA V4.1 2/2006 EA Proposed Initiative
VA-wide Wireless networking standard <i>"missing - project - placeholder'</i>	Information Management Services Segment	Conceptual Initiative Pre-CPIC Pre-Milestone Plan for Mid-2010	EA V4.1 Recommendation Project	Project establishes "Patterns" for various Wireless Networking Installations which would take Medical facility spectrum	No Apparent Gap	Project would standardize use of wireless devices - primarily within medical facilities.	EA V4.1 2/2006 EA Proposed Initiative

				restrictions into account			
				Assure LAN Compatibility with IPV6 Initiative			

1.3. Gap/Reuse Identification Summary

This discussion summarizes the Gap (or, “missing-project-placeholder”) projects described above. Each of these gap-requirements is described in detail within the following EA Portfolio Recommendations Section, which will be used to recommend new initiatives to the CIO, for the forthcoming BY-2009 budget cycle.

1.3.1. Gap-Issues Resolved in the BY-2008 Portfolio

Several gaps identified in the BY-2007 portfolio that were noted in EA V4.1 were then mitigated by the creation of new projects in the By-2008 portfolio (submitted in September 2006), they are:

1. The DoD-DIMHRS Integration requirement was identified in EA V4.1 (February 2006) -- this requirement has been incorporated as an unfunded optional task within the VBA/VAMP budget request.
2. The requirement to integrate the veteran identity data source (created in the Registration-Eligibility project) with existing legacy VBA benefit applications -- has been addressed in the funded base-task within the new VBA/VAMP budget request.

1.3.2. New Gap Issues Identified within the BY-2008 Portfolio

Several new gaps (missing projects) that have developed since publication of EA V4.1 (in February 2006) these gaps are principally the result of budget cuts that occurred within the BY-2007 Pass-Back process; they are:

1. Reinststitute the VHA Fee-Basis Replacement project that was dropped due to funding constraints in BY-2007.
2. Reinststitute the VHA DSS Replacement project that was dropped due to funding constraints in BY-2007.

1.3.3. Unresolved Gaps Remaining from the BY-2007 Portfolio

The following gaps (or missing projects), which were identified in EA V4.1, remain unresolved:

1. VA e-Records Management Standardization Pilot
2. Shared Financial Management and Logistics data Store Initiative
3. Shared Asset management & Facility management Data Initiative
4. CAN/MAN Network Standardization Initiative
5. LAN Network Standardization Initiative
6. VA-wide RFID-Tagging standardization Exploitation Initiative
7. VA-wide Wireless networking standard

These requirements will be described in the following EA Portfolio Recommendations section.