

Fiscal Year 2004/2005 Program and Budget Review Submission

RDT&E Descriptive Summaries
February 2003



Washington Headquarters Services

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Miscellaneous IT Efforts

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RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)									DATE February 2003	
APPROPRIATION/BUDGET ACTIVITY RDT&E/Defense-Wide/BA 6							R-1 ITEM NOMENCLATURE IT Software Development Initiatives PE 0901598D8W			
COST (<i>In Millions</i>)	FY2002	FY2003	FY 2004	FY 2005	FY 2006	FY2007	FY 2008	FY 2009	Cost to Complete	Total Cost
Total Program Element (PE) Cost			8.605	3.700	1.200	1.400	1.200	1.400		17.505
Total Project (P944) Cost			6.700	2.000						8.700
WHS/FVAP SERVE			6.700	2.000						8.700
Total Project (P945) Cost			1.905	1.700	1.200	1.400	1.200	1.400		8.805
DOT&E Knowledge Management System			.500	.300	.100	.100	.100	.100		1.200
OSD-Wide Email System Modernization			.200	.200	.200	.200	.200	.200		1.200
OSD-Wide Remote Access Service (RAS) & Wireless Network			.200	.200	.200	.200	.200	.200		1.200
OSD-Wide Common Business Applications			.300	.300	.300	.300	.300	.300		1.800
Foreign Visits System			.300	.500	.400	.400	.400	.400		2.400
P&R Process Support Correspondence Management System				.200		.200		.200		.600
Reserve Affairs Document Management System			.180							.180
WHS SECDEF Digital Correspondence Distribution System			.225							.225

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(U) **A. Mission Description and Budget Item Justification**

(U) **BRIEF DESCRIPTION OF ELEMENT**

(U) **Project Number and Title:** P944 - Secure Electronic Registration and Voting Experiment

(U) Section 1604 of the FY2002 National Defense Authorization Act requires the Department of Defense to carry out an electronic voting demonstration project for the 2002 election with sufficient numbers of Uniformed Service voters so that the results are statistically relevant. Following the election, the Department is required to submit a report analyzing the demonstration project and making recommendations for continuing the project on an expanded basis for the next federal election. The Department notified Congress in June that this project will be conducted for the 2004 election due to insufficient time to implement for 2002. The required evaluation report will be delivered in June 2005.

As required by Congress, the Secure Electronic Registration and Voting Experiment (SERVE) will be a large scale, statistically meaningful demonstration project. SERVE will consist of the development of a remote Internet registration and voting system, definition of certification standards and performance of system certification testing, deployment and operation of the system in a minimum of 60 counties in 14 States, and a comprehensive evaluation activity to collect and analyze project data and assist in preparing the required report to Congress.

(U) **PROGRAM ACCOMPLISHMENTS AND PLANS:**

SERVE is an out-of-cycle requirement mandated through Congressional legislation. FY 2002 startup activity, which took place in PE 0605013D, was funded by below threshold reprogramming of \$993,000. Subsequently an additional \$3.0 million of FY 2002 resources was added, and \$4.0 million of FY 2003 below threshold funding. The remaining \$7.3 million required for the FY 2003 requirement was provided with Prior Approval Reprogramming.

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(U) **FY 2002 Accomplishments:**

(U) Focus in 2002 was on acquisition of systems integration and development contractor and startup of evaluation methodology activity.

(U) **FY 2003 Plans:**

(U) The FY 2003 program activities focus on the definition of system requirements, design and development of the system, and the development of system certification criteria and process. In addition, baseline data is being collected for the program evaluation.

(U) **FY 2004 & 2005 Plans:**

FY 2004: In FY 2004 SERVE certification testing will be performed and the system deployed to the States and counties. Training will be conducted and the Help Desk will begin operation. The system will be available beginning January 1, 2004, for voter registration and absentee ballot requests and voting for all federal primaries. Data collection will continue for program evaluation.

FY 2005: In FY 2005 the system will be used for any remaining primaries and for the general election in November 2004. Following the election, the primary focus will be on final data collection and analysis and the preparation of the required report to Congress.

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(U) **Project Number and Title:** P945 - Miscellaneous IT Efforts

(U) Director Operational Test & Evaluation (DOT&E) Enterprise Knowledge Management System (DEKMS). DEKMS is a reengineering effort for DOT&E to streamline existing administrative processes, and optimize the manner in which action officers manage oversight of major Defense acquisition program weapon systems. Through the development of personalized “Program Notebooks”, action officers will have fast access to all pertinent background and decision-making information in support of the DOT&E mission. A combination of Plumtree Portal software, Semio taxonomy software, and the Oracle Relational Database Management System has been integrated to form the basis for this system. The FY 2003 Administrative Notebooks module was funded in Program Element 0605013 and focused on development of personnel, financial and security notebooks. Outyear efforts will focus on the integration of these tools onto the classified network platform.

(U) OSD–Wide E-mail System Modernization. This project will determine system requirements and design and develop improvements for the OSD-wide E-mail system for improved operations and information assurance (IA). It will increase the availability and reliability of the OSD E-mail system and avoid high system operations and maintenance costs that would be incurred due to the age and obsolescence of the current system.

(U) OSD-Wide Remote Access Service (RAS) & Wireless Network. This project will focus on requirements evaluation, system and process design, and prototype development of OSD-wide RAS and wireless networks. This includes wireless personal digital assistants and wireless network communications systems. It will allow the OSD community to take advantage of emerging technologies and meet user demands for these productivity enhancing systems.

(U) OSD-Wide Common Business Applications. This project addresses the development of key OSD-wide common business applications, including collaborative tools and other coordination and decision-making capabilities that emerge from common OSD business process improvement activities. It includes system requirements evaluation, system and process design, development, integration, and application of information assurance initiatives. It will assure OSD-wide information technology architecture compliance and system interoperability and provide implementation planning.

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(U) Foreign Visits System (FVS). This project includes redesign, technology upgrade and testing of the DoD portion of the FVS. The Office of the Under Secretary of Defense (Policy) initially fielded FVS to the military services and the Defense Intelligence Agency in 1990 for processing requests for visits by representatives of foreign governments to DoD Government and contractor facilities. The system has not substantially changed for over 10 years. This project will focus on software development and testing for other modules, such as the U.S. Visitors System (USVISITS). The USVISITS system supports the processing of requests for visits by U.S. contractors to foreign entities on U.S. defense business.

(U) Office of the Undersecretary of Defense (Personnel & Readiness) Correspondence Management System. This system will replace a seven-year old correspondence system with a thoroughly updated system that will take advantage of the latest technology to improve tracking and management of correspondence and suspenses. Development efforts will extend the capabilities of the correspondence management system to a full-featured document and image management system.

(U) Reserve Affairs Correspondence System (TRACS). The project will upgrade the TRACS document repository to include records management and archival features. It is anticipated that commercial-off-the-shelf software will be acquired and modified to function with the TRACS design. This new functionality is necessary in order to provide compliance with DoD regulations.

(U) Washington Headquarters Services (WHS) Secretary of Defense Digital Correspondence Distribution System. This project will enable the correspondence distribution system to serve as a common collaboration platform for correspondence coordination efforts. All organizations with established connectivity to the system would be able to use it to distribute documents for coordination, as well as gather comments and revisions in one location. The system will incorporate business process improvements and provide increased responsiveness to the Secretary of Defense.

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(U) **PROGRAM ACCOMPLISHMENTS AND PLANS:**

(U) **FY 2002 Accomplishments:**

(U) N/A

(U) **FY 2003 Plans:**

(U) N/A

(U) **FY 2004 & 2005 Plans:**

(U) **DOT&E Enterprise Knowledge Management System (DEKMS).** (FY 2003 funding and plans are included in PE 0605013 Software Development.)

FY 2004: The FY2004 implementation of DEKMS will focus on the design and development of individual project notebooks based on the official test and evaluation oversight list. All supporting documentation to include test plans, test and evaluation master plans, approval memorandums, and program briefings, as well as links to other program resources and action officer support tools, will be made accessible via the project notebook.

FY 2005: The FY2005 DEKMS implementation will focus on building parallel DEKMS modules that exist on the DOT&E unclassified LAN on the classified LAN. A primary focus is to be placed on the classified portions of the project notebooks implemented in FY2004.

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(U) OSD-Wide Email System Modernization.

FY 2004: The FY 2004 project will evaluate E-mail, tape backup, Bridgehead, and Active Directory server system requirements. Updated system and process design specifications, including information assurance, systems integration and continuity of operations requirements will be developed. Also, alternatives analyses including comparative cost estimates will be prepared.

FY 2005: E-mail mass data storage requirements will be evaluated and updated system and process design specifications, including information assurance, systems integration and continuity of operations requirements will be developed. Alternatives analyses, including comparative cost estimates will be prepared.

(U) OSD-Wide Remote Access Service (RAS) & Wireless Network.

FY 2004: OSD RAS and wireless requirements will be evaluated, focusing on next generation secure wireless personal digital assistant (PDA) devices. Updated system and process design specifications will be prepared that include information assurance, systems integration and contingency requirements. Alternatives analyses, including comparative cost estimates will be prepared. Prototype secure wireless PDA devices will be purchased, tested and evaluated.

FY 2005: Evaluate OSD RAS and wireless requirements, focusing on use of secure wireless network technology to facilitate the rapid set up of office automation capabilities for ad hoc committees and to meet contingency and telework requirements. Prepare updated system and process design specifications, including information assurance, systems integration and contingency requirements. Prepare alternatives analyses, including comparative cost estimates. Purchase prototypes of secure wireless servers and network components and conduct test and evaluation of model wireless networks.

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(U) OSD-Wide Common Business Applications.

FY 2004: Develop new capabilities for the OSD-wide implementation of the InfoWorkSpace collaborative tools introduced OSD-wide in FY2002 and FY2003. Prepare requirements analyses to support IT insertion of key OSD-wide common business applications identified in the approved FY2003 OSD IT Strategic Plan. Prepare updated or new system and process design specifications, including information assurance, systems integration and contingency requirements. Prepare alternatives analyses, including comparative cost estimates. Purchase prototype systems for test and evaluation of model business applications.

FY 2005: Develop IT insertion supporting key OSD-wide common business applications initiated in FY 2004. Prepare requirements analyses to support IT insertion of key OSD-wide common business applications identified in the approved FY2004 OSD IT Strategic Plan. Prepare alternatives analyses, including comparative cost estimates. Purchase prototype systems for test and evaluation of model business applications.

(U) Foreign Visits System (FVS).

FY 2004: Develop software code changes to current FVS system. These software changes are brought upon by software enhancements to the existing application in areas such as data entry screens, new fields, added or changed reports and enhanced processing capabilities.

FY 2005: FVS support will include further development of software enhancements and strategies, software testing, and implementation of new capabilities.

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(U) Office of the Under Secretary of Defense (Personnel & Readiness) (OUSD(P&R)) Process Support Correspondence Management System.

FY 2004: N/A

FY 2005: Conduct a requirements analysis and develop a prototype correspondence management system to support the processes of OUSD(P&R). The new system will replace an eight-year-old correspondence system with a thoroughly updated system that will take advantage of the latest technology to improve tracking and management of correspondence and other suspenses. The new system will leverage the work being done OASD(Reserve Affairs) to pilot and implement a Documentum-based correspondence management system. This will reduce the development time and cost significantly.

(U) Reserve Affairs Correspondence System (TRACS).

FY 2004: Develop automated records management and archival upgrade for TRACS.

FY 2005: N/A

(U) WHS SECDEF Digital Correspondence Distribution System.

FY 2004: Develop software, implement business process changes and align organizational capabilities allowing for the seamless collaboration and sharing of documents and correspondence of interest to the Secretary of Defense, Chairman of the Joint Chiefs of Staff, Service Secretaries and the Primary Staff Agencies.

FY 2005: N/A

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<u>(U) B. Program Change Summary</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>Total Cost</u>
President's FY2003 Budget Submission	0.000	0.000	0.000	0.000
Delta				
FY04 President's Budget Submission				
Appropriated Value				
Adjustments to Appropriated Value				
a. Congressionally Directed Undistributed Reduction				
b. Rescission/Below-threshold Reprogramming, Inflation Adjustment				
c (1). Other (transfer from PE 0605013D)		6.700	2.000	8.700
c (2). Other (internal reprogramming)		1.905	1.700	3.605
Current FY 2004 Budget Submission		8.605	3.700	12.305

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Change Summary Explanation:

- (U) **Funding:** Funds were reprogrammed from within existing resources.
- (U) **Schedule:** N/A
- (U) **Technical:** N/A
- (U) C. **Other Program Funding Summary Cost:** N/A
- (U) D. **Acquisition Strategy:**

Secure Electronic Registration and Voting Experiment. The Federal Voting Assistance Program Office (WHS) is the Program Manager for SERVE. Completion of system development, deployment and operation will occur through an FY 2002 competitively awarded contract with Accenture, the systems integration contractor. System certification testing will be accomplished on a contract competitively awarded in FY 2003. Evaluation work and a draft report to Congress will be performed under sole source contract with California Institute of Technology awarded in FY 2003. No new acquisitions are anticipated for FY 2004 or 2005.

DOT&E Enterprise Knowledge-base Management System. DOT&E will utilize an existing Office of the Secretary of Defense Information Technology Blanket Purchase Agreement vehicle.

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OSD-Wide Email System Modernization. The Defense Contracting Command-Washington (DCC-W) will be the project contracting office, and oversee contract competition and make the award. Office of the Secretary of Defense Chief Information Officer (OSD CIO) staff will prepare statements of work (SOWs) based on the OSD Information Technology (IT) Executive Committee's approved OSD Strategic IT Plan objectives for the OSD-Wide E-mail System Modernization project. The SOWs will be competed among awardees of the OSD IT Support Blanket Purchase Agreement contract. OSD CIO staff support the source selection evaluation, provide contract technical management and administration functions. The Washington Headquarters Services, Director, Information Operations and Reports provides financial oversight and controls.

OSD-Wide Remote Access Service (RAS) & Wireless Network. DCC-W will be the project contracting office, and oversee contract competition and make the award. Office of the Secretary of Defense Chief Information Officer (OSD CIO) staff will prepare SOWs based on the OSD Information Technology (IT) Executive Committee's approved OSD Strategic IT Plan objectives for OSD-Wide Remote Access Service (RAS) and Wireless Network project. The SOWs will be competed among awardees of the OSD IT Support Blanket Purchase Agreement contract. OSD CIO staff support the source selection evaluation, provide contract technical management and administration functions. The Washington Headquarters Services, Director, Information Operations and Reports provides financial oversight and controls.

OSD-Wide Common Business Applications. In FY2004, the Defense Intelligence Agency (DIA) Contracting Office will be the project contracting office. The Office of the Secretary of Defense Chief Information Officer (OSD CIO) will use an existing DIA contract to purchase the collaborative software package InfoWorkSpace and technical support. In FY 2005, the DCC-W will be the project contracting office, and oversee contract competition and make the award. The OSD CIO staff will prepare SOWs based on the OSD Information Technology (IT) Executive Committee's approved OSD Strategic IT Plan objectives for the OSD-Wide Common Business Applications project. In FY 2005 through FY 2009, the SOWs will be competed among awardees of the OSD IT Support Blanket Purchase Agreement contract. OSD CIO staff support the source selection evaluation, provide contract technical management and administration functions. The Washington Headquarters Services, Director, Information Operations and Reports provides financial oversight and controls.

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Foreign Visits System. Policy's Acquisition Strategy will consist of using existing, experienced contractor support with the current Policy contract vehicle, DASW01-00-D-0003.

OUSD (P&R) Process Support Correspondence Management System. P&R will use an existing IDIQ or GSA schedule contract, to be competed with full and open competition.

Reserve Affairs Correspondence System (TRACS). A contractor will be hired from a government blanket purchase agreement to develop the new requirements for TRACS. Project management will be performed by the Reserve Affairs Information Technology Manager. Technical expertise will be provided by the on-site support contractor as required.

WHS SECDEF Digital Correspondence Distribution System. Constituents' requirements for the digital correspondence system will be developed during FY 2003. It is anticipated the solutions to fulfill those requirements will be acquired using a combination of Office of the Secretary of Defense IT Blanket Purchase Agreement vehicles; GSA Schedule contracts; and full and open competition.