Department of Defense
Fiscal Year (FY) 2011 President's Budget

February 2010

Defense Security Service

Justification Book

Research, Development, Test & Evaluation, Defense-Wide - 0400

UNCLASSIFIED

Defense Security Service • President's Budget FY 2011 • RDT&E Program

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Defense Security Service
FY 2011 President's Budget
Exhibit R-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request
(Dollars in Thousands)

Appropriation: 0400D Research, Development, Test & Eval, DW   Date: 21 Jan 2010

Line No	Program Element Number	Item	Act	FY 2009 (Base & OCO)	FY 2010 Base & OCO Enacted	FY 2010 Supplemental Request	FY 2010 Total	FY 2011 Base	FY 2011 OCO	FY 2011 Total Request	Sec
178	0604130V	Defense Information System for Security (DISS)	07	10,914	1,378		1,378	5,522		5,522	U
		Operational Systems Development		10,914	1,378		1,378	5,522		5,522	
		Total Defense Security Service		10,914	1,378		1,378	5,522		5,522	

Exhibit R-1G: FY 2011 President's Budget (Published), as of January 21, 2010 at 11:53:20

Program Element Table of Contents (by Budget Activity then Line Item Number)

Budget Activity 07: Operational Systems Development

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Program Element Table of Contents (Alphabetically by Program Element Title)

Program Element Title	Program Element Number	Line Item	Budget Activity	Page
Enterprise Security System (Formerly Defense Information System for Security)	0604130V	178	07	1

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Exhibit R-1
(Listing by Budget Activity, then Program Element Number)

BA# 07: Operational Systems Development

Cost ($ in Millions)

Line#	BA#	PE#	PE Title	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
178	07	0604130V	Enterprise Security System (Formerly Defense Information System for Security)	10.914	1.378	5.522	0.000	5.522
Total: Operational Systems Development				10.914	1.378	5.522	0.000	5.522

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Defense Security Service										DATE: February 2010	

APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 7: *Operational Systems Development*	R-1 ITEM NOMENCLATURE PE 0604130V: *Enterprise Security System (Formerly Defense Information System for Security)*

COST ($ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
Total Program Element	10.914	1.378	5.522	0.000	5.522	8.720	7.021	6.031	6.127	Continuing	Continuing
000: *Enterprise Security System*	10.914	1.378	5.522	0.000	5.522	8.720	7.021	6.031	6.127	Continuing	Continuing

A. Mission Description and Budget Item Justification

The Defense Security Service (DSS) manages the Enterprise Security System (ESS) to provide an effective, real-time, security support capability for the Military Departments, DoD Agencies, the National Industrial Security Program, and other Federal Agencies. In compliance with the Expanded Electronic Government, President's Management Agenda, and the DoD Enterprise Architecture Framework, ESS is the unified offering of security mission systems which facilitate and automate improved national investigative and adjudicative standards, streamline security processes, and increase DoD community collaboration.

DSS Information Technology (IT) systems provide service critical to three major mission areas: Personnel Security; Industrial Security; and, Security Education. DSS performs this critical function through operation of its production systems named the Enterprise Security System (ESS): the Industrial Security Facilities Database (ISFD); the DSS Gateway; and, the Electronic Network Registration and Online Learning system (ENROL).

B. Program Change Summary ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Previous President's Budget	11.518	1.384	0.000	0.000	0.000
Current President's Budget	10.914	1.378	5.522	0.000	5.522
Total Adjustments	-0.604	-0.006	5.522	0.000	5.522
• Congressional General Reductions		0.000			
• Congressional Directed Reductions		-0.006			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds		0.000			
• Congressional Directed Transfers		0.000			
• Reprogrammings	-0.604	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Program Adjustments	0.000	0.000	5.522	0.000	5.522

Defense Security Service

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Defense Security Service	DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0604130V: *Enterprise Security System (Formerly Defense Information System for Security)*

Change Summary Explanation

Funds reprogrammed in FY2009 were available due to program efficiencies.

Exhibit R-2A, RDT&E Project Justification: PB 2011 Defense Security Service		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0604130V: *Enterprise Security System (Formerly Defense Information System for Security)*	**PROJECT** 000: *Enterprise Security System*

COST ($ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
000: *Enterprise Security System*	10.914	1.378	5.522	0.000	5.522	8.720	7.021	6.031	6.127	Continuing	Continuing
Quantity of RDT&E Articles											

A. Mission Description and Budget Item Justification

The Defense Security Service (DSS) manages the Enterprise Security System (ESS) to provide an effective, real-time, security support capability for the Military Departments, DoD Agencies, the National Industrial Security Program, and other Federal Agencies. In compliance with the Expanded Electronic Government, President's Management Agenda, and the DoD Enterprise Architecture Framework, ESS is the unified offering of security mission systems which facilitate and automate improved national investigative and adjudicative standards, streamline security processes, and increase DoD community collaboration.

DSS Information Technology (IT) systems provide service critical to three major mission areas: Personnel Security; Industrial Security; and, Security Education. DSS performs this critical function through operation of its production systems named the Enterprise Security System (ESS): the Industrial Security Facilities Database (ISFD); the DSS Gateway; and, the Electronic Network Registration and Online Learning system (ENROL).

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Systems Enhancement	10.914	1.378	5.522	0.000	5.522
RDT&E for ESS primarily includes pre-planned product improvements (P3I) to the ESS applications, researching and improving assured information sharing, better posturing systems and networks against vulnerabilities, ensuring self defense of systems and networks, and safeguarding data at all stages. These RDT&E enhancements will permit DSS OCIO to increase the efficiency, capabilities, and security of the ESS Applications.					

Exhibit R-2A, RDT&E Project Justification: PB 2011 Defense Security Service		DATE: February 2010
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B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2009 Accomplishments: Accomplishments include completion of an analysis of the Joint Personnel Adjudication System (JPAS) system architecture and design, hardware/infrastructure configuration, database design, disaster recovery viability and information assurance/data integrity posture. Implemented required Agency Use block codes to reflect requirements for extra coverage and federal investigations processing center codes for special processing needs of the eQIP and a collaborative adjudication facility designation for the National Geospatial Intelligence Agency (NGA) to input adjudicative decisions on NGA personnel. Established a DCII Batch Query Interface that will allow the Army CAF's system (CATS) to query investigative information for person records. *FY 2010 Plans:* In compliance with the Expanded Electronic Government, President's Management Agenda, and the DoD Enterprise Architecture Framework, ESS is the unified offering of security mission systems which facilitate and automate improved national investigative and adjudicative standards, streamline security processes, and increase DoD community collaboration. ESS RDT&E enhancements are needed to support the decrease in investigation timeline, safeguard systems and data, and keep the ESS applications compliant with statutory and regulatory requirements. RDT&E for ESS primarily includes pre-planned product improvements (P3I) to the ESS applications, researching and improving assured information sharing, better posturing systems and networks against vulnerabilities, ensuring self defense of systems and networks, and safeguarding data at all stages. These RDT&E enhancements will permit DSS OCIO to increase the efficiency, capabilities, and security of the ESS Applications. Pre-Planned Product Improvements (P3I) to the ESS Applications, as well as securing the ESS through Assured Information Sharing, Highly Available Enterprise, Cyber-Situational Awareness and Network Defense, and Assured Enterprise Management and Control will be					

Exhibit R-2A, **RDT&E Project Justification:** PB 2011 Defense Security Service		**DATE:** February 2010
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B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
accomplished. DSS will be able to meet the new DoD mandate for Controlled Unclassified Information (CUI). Further, it is paramount for the Agency to protect the privacy rights associated with nearly eight million person-records to ensure that the enterprise is resistant to privacy act violations and personal information loss; a total loss of which could cost upwards of $1 billion in terms of notifications and credit-monitoring services, as well as an incalculable loss in Agency reputation. *FY 2011 Base Plans:* In compliance with the Expanded Electronic Government, President's Management Agenda, and the DoD Enterprise Architecture Framework, ESS is the unified offering of security mission systems which facilitate and automate improved national investigative and adjudicative standards, streamline security processes, and increase DoD community collaboration. ESS RDT&E enhancements are needed to support the decrease in investigation timeline, safeguard systems and data, and keep the ESS applications compliant with statutory and regulatory requirements. RDT&E for ESS primarily includes pre-planned product improvements (P3I) to the ESS applications, researching and improving assured information sharing, better posturing systems and networks against vulnerabilities, ensuring self defense of systems and networks, and safeguarding data at all stages. These RDT&E enhancements will permit DSS OCIO to increase the efficiency, capabilities, and security of the ESS Applications. Pre-Planned Product Improvements (P3I) to the ESS Applications, as well as securing the ESS through Assured Information Sharing, Highly Available Enterprise, Cyber-Situational Awareness and Network Defense, and Assured Enterprise Management and Control will be accomplished. DSS will be able to meet the new DoD mandate for Controlled Unclassified Information (CUI).					
Accomplishments/Planned Programs Subtotals	10.914	1.378	5.522	0.000	5.522

Exhibit R-2A, **RDT&E Project Justification:** PB 2011 Defense Security Service		**DATE:** February 2010
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C. Other Program Funding Summary ($ in Millions)

  N/A

D. Acquisition Strategy

  DSS awarded an Enterprise Security System (ESS) Development Blanket Purchase Agreement (BPA) in February 2008. Enhancements to the ESS applications will be issued as Task Orders under this BPA.

E. Performance Metrics

  N/A

F. Major Performers

Name	Description:	Location:	Award Date	Funding
SAIC, Northrop Grumman, EDS	Enhancement Developer	Herndon, VA and Columbia, MD	Feb 2008	1.378

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Defense Security Service		DATE: February 2010
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Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010 Cost	FY 2010 Award Date	FY 2011 Base Cost	FY 2011 Base Award Date	FY 2011 OCO Cost	FY 2011 OCO Award Date	FY 2011 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Enterprise Security System (Formerly Defense Information System for Security)	BPA	SAIC, Northrop Grumman, EDS Herndon, VA and Columbia, MD	12.200	1.378	Feb 2008	5.522		0.000		5.522	Continuing	Continuing	Continuing
Subtotal			12.200	1.378		5.522		0.000		5.522			

Remarks

Total PY & FY Costs exceeds funding profile in some FYs due to use of PY RDT&E to fund current year requirements. Specific Task Orders to be issued on DSS Development BPA are TBD.

	Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	12.200	1.378		5.522		0.000		5.522			

Remarks

Exhibit R-4, **RDT&E Schedule Profile:** PB 2011 Defense Security Service		**DATE:** February 2010
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Fiscal Year	FY 2008				FY 2009				FY 2010				FY 2011				FY 2012				FY 2013				FY 2014				FY 2015			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Technology Development of ESS Applications																																
Production and Deployment of Enhancements																																
O&M																																
Remarks:																																