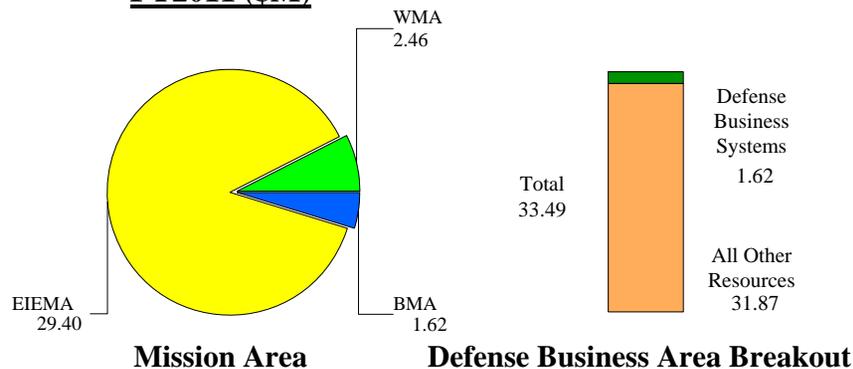


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**FY2011 (\$M)**



**FY10/11PB Comparison (\$M)**

	<u>FY2010</u>	<u>FY2011</u>	<u>Delta</u>
<b>PB FY2010:</b>	\$ 55.66	\$ 60.02	\$ 4.36
<b>PB FY2011:</b>	\$ 55.65	\$ 33.49	-\$ 22.17
<b>Delta:</b>	\$ -0.01	\$ -26.54	-\$ 26.53

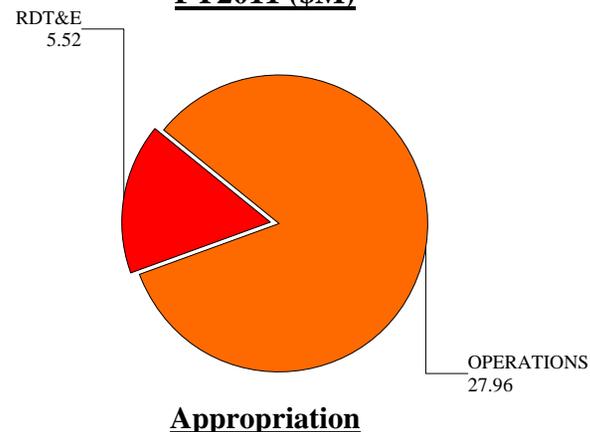
**Explanation:**  
Refer to 'Significant Changes' section of the Overview

**FY10 to FY11 Comparison (\$M)**

	<u>FY2010</u>	<u>FY2011</u>	<u>Delta</u>
<b>PB FY2011:</b>	\$ 55.65	\$ 33.49	\$ -22.17

**Explanation:**  
Refer to 'Significant Changes' section of the Overview

**FY2011 (\$M)**



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**Executive Summary**

The Defense Security Service (DSS) supports national security and the war fighter missions, secures the nation's technological base, and oversees the protection of US and foreign classified information within the industry. This mission is accomplished by: clearing industrial facilities; accreditation of cleared industry information systems; delivering security education and training; and, providing information technology (IT) services that support the industrial security missions of the Department of Defense (DoD) and its partnering agencies. DSS manages the Enterprise Security System (ESS) to provide an effective, real-time, security supported capability for the Military Departments, DoD agencies, and the National Industrial Security Program (NISP). In compliance with the Expanded Electronic Government, the President's Management Agenda, and the DoD Enterprise Architecture Framework, the ESS is the unified offering of security mission critical systems that facilitates and automates improved national investigative and adjudicative standards, streamlines security processes, and increases DoD community collaboration.

The ESS is the secure, authoritative source for management, storage, and timely dissemination of personnel security, industrial security, and security training information with flexibility and support structure for future DoD security process growth. ESS is comprised of the Joint Personnel Adjudication System (JPAS), the Industrial Security Facilities Database (ISFD), the Defense Central Index of Investigations (DCII), the improved Investigative Records Repository (iIRR), and the Educational Network Registration and On-Line Learning system (ENROL). Additionally, the DSS Enterprise Portal is the one-stop entry point in which a user can access the ESS Applications and information assets. The ESS strengthens agency performance through the automated facilitation of the adjudicative function of the personnel security process, enhanced automation and oversight of the facility clearance process, and improvement of the Industrial Security Office of the Designated Approving Authority accreditation process. Key DSS strategic goals for stakeholders and customers are to enable successful protection of national assets and interests on behalf of DoD and consistently meet/satisfy customer requirements/needs that includes engaging in new expanding security missions providing centralized information resources and supporting and adjusting services appropriate to the level of risk. Key strategic objectives to support these goals include: the development, enhancement, and provision of security and information sharing tools and services; building strategic and tactical partnerships with customers; recognizing, communicating, and managing risk; and, developing and implementing an effective and efficient information and technology architecture to support critical processes.

**Significant Changes**

FY11 PB Horizontal Changes - The \$22m reduction is due to the transition of Personnel Security Clearance (PSC) [JPAS, iIRR, DCII...] applications to the Defense Manpower Data Center (DMDC).

FY10 to FY11 PB Vertical Changes - The sharp reduction of \$26m in FY11 is due to the aforementioned transition of PSC applications to DMDC.

**Defense Business Systems**

In 2006, the Defense Security Service (DSS) began implementation of the Defense Information System for Security (DISS). As part of the implementation, DSS consolidated the below legacy systems to streamline the development efforts of DISS:

- Joint Personnel Adjudication System (JPAS),
- Defense Central Index of Investigations (DCII),
- Improved Investigative Records Repository (iIRR),

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- DSS Enterprise Portal

In March 2007, the DISS investment reporting was changed from the Enterprise Information Environment (EIE) Mission Area to the Business Mission Area (BMA)/Human Resources Management (HRM) Domain, under USD(P&R). As of November 2007, DISS development responsibility was transferred from DSS to the Business Transformation Agency (BTA) and DSS decoupled the above legacy initiatives from DISS. The DISS funding profile was moved to BTA under the HRM-BMA, and the legacy DSS initiatives were reactivated by DSS under the former EIE Mission Area. The above DSS initiatives are currently identified within the EIE-MA, and do not meet the 2005 NDAA Sec. 332 definition of a Defense Business System. The proper alignment of DSS initiatives is currently being reviewed by the EIE Mission Area and the Business Mission Area for recommendation to the Defense Business System Management Committee (DBSMC). Per memo from DepSecDef England, DSS is divesting all Personnel Security Clearance (PSC) applications to Defense Manpower Data Center (DMDC).

### **Information Assurance Activities**

DSS is implementing identity and access management, Public Key Infrastructure/Key Management Infrastructure (PKI/KMI), and PKI-enabled applications (per Public Key Cryptography Standards (PKCS) 12) to comply with the National Institute of Standards and Technology (NIST) Federal Information Processing Standard (FIPS) 201, developed to satisfy the requirements of HSPD-12. DSS is further expanding its compliance with DoD Instruction 8500.2, the Global Information Grid – Information Assurance (GIG-IA) Architecture, and direction from the Joint Task Force – Global Network Operations (JTF-GNO) with programs for Computer Network Defense Services Provider (CNDSP), Secure Configuration Compliance Validation Initiative/Secure Configuration Remediation Initiative (SCCVI/SCRI), policy creation and maintenance, contingency planning, configuration and asset management, auditing, IA training, Certification and Accreditation (C&A), and malicious code detection/eradication.

- Classified Data Network – Obtain Approval To Operate (ATO).  
Providing secure systems engineering for systems in the Systems Development Lifecycle process (e.g.):
- Development Test and Evaluation Center (DTEC)
- Defense Counterintelligence Analytical System (DCIAS)

### **Major Accomplishments**

In compliance with the Expanding Electronic Government initiative, DSS began to implement the Defense Information System for Security (DISS). In November 2007, DISS development responsibility was successfully transitioned from the DSS to the Business Transformation Agency (BTA). Although development of DISS was transferred to BTA, DSS retained the mission to provide system services in support of the legacy Personnel Security System. Additionally, DSS retains its mission to offer IT system services critical to three major mission areas: Counterintelligence; Industrial Security; and, Security Education. DSS performs this critical function through the operation, maintenance, and enhancement of the DSS ESS applications.

Some major accomplishments and ongoing activities include the following:

- Secure Web Fingerprint Transmission (SWFT) – Implemented a fully operational store and forward solution, with a secure web front end that allows industry partners to enter demographic information and upload electronic fingerprint images for submission to Office of Personnel Management (OPM).
- Agency Use Block – Implemented the Agency Use Block update in JPAS to reflect requirements for extra coverage and federal investigations processing center codes for special

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processing needs of the Electronic Questionnaires for Investigations Processing (eQIP).

- NGA CAF (National Geospatial Intelligence Agency Collaborative Adjudication Facility) – Implemented the collaborative adjudication facility designation for NGA to input adjudicative decisions on NGA personnel in to JPAS.
- CATS Interface – Implemented a bi-directional data feed of investigative case data between the Clearance Adjudication Tracking System (CATS) and JPAS. This allows data to flow from CATS in JPAS, the DoD system of record and ensures that there are no duplicate adjudicative entries.
- ACES Interface – Implemented an interface between the Automated Continuing Evaluation System (ACES) and JPAS to allow critical data to be exchanged in support of DoD Personnel Security reform initiatives. The interface provides JPAS data in support of the ACES automated eligibility assessments conducted between normal PSI cycles.
- SF86 Updates - Implemented the revised Standard Form 86 (SF86) form within JPAS. This enhancement allows industry and the military accessions community to continue processing clearance requests.
- ENROL Metrics – Enhancements the ENROL Learning Management System to require the collection of student supervisor information. This enable the DSS Academy to send e-mail driven surveys to student supervisors and collect critical performance metrics.
- ENROL Support – Direct on-site application support has been implemented with a SumTotal partner. The following accomplishments are a result of this support:
  - o Password Change Enhancement – Incorporates the same password requirements for the change password as already exists for the new account.
  - o PII Scrub – Developed a process to be run on the test environment that changes all personal data fields to neutral values. This allows the database to be shared with the developers for duplicating the ENROL environment for upgrade and support purposes.
  - o Reporting – Development of managerial customized statistical reporting.
  - o Records Management – Developed scripts to purge records as required by DSS Manual 00-04, Vol. 2, dated 30 September 2009.
- Secret Internet Protocol Router Network (SIPRNet) Web Presence – Implemented a content driven web site to allow the DSS Counterintelligence organization to disseminate threat information in a secure environment.

### **Major Planned Activities**

In keeping with efficient and effective capture of emerging system requirements, compliance with Federal/DoD mandates, and performance improvements, DSS will implement the following ESS system enhancements and major activities in FY10 and beyond:

- Identity and Access Management/Enterprise Security System Portal (IdM/Portal) – Provides a centralized account management built utilizing the DoD Common Access Card (CAC) and Public Key Infrastructure (PKI) to improve information security of all DSS IT mission systems.
- CATS Enhanced Interface – Enhance the CATS interface to trigger to JPAS to provide notification information when clearance eligibility status changes.
- JPAS User Out-processed Notification - Notification to alert JCAVS users that DoD personnel with accesses but no Security Management Office have out-processed.
- iIRR – Enhance the existing iIRR system to provide enhanced records management and data redaction capabilities.
- Change the Single Integrated Operational Plan (SIOP) Category in JPAS to the Nuclear Command and Control Extremely Sensitive Information (NC2-ESI) - All SIOP related language and functionality in JPAS should be replaced with NC2-ESI.
- Add/Modify Person Category Record - Person and Person Category information input and modification prior to JPAS receiving the information from a Military Department (MILDEP) personnel system.
- ODAA Business Management System (BMS) – Automate the development, submission, and management of System Security Plans (SSP) and Certification and Accreditation (C&A) documentation and activities for industry IT systems processing classified data.
- Security Requirements Interactive Database – Automates the completion and management of the DD Form 254 to capture contract security classification specifications and

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provide data search and retrieval.

- Electronic Facility Clearance (eFCL) System Interface – Develop an interface between the DSS ISFD and the DoE eFCL. DSS has adopted eFCL as the tool to collect and manage security information on facilities with Foreign Ownership Control or Influence (FOCI). This interface will allow data from eFCL to update facility information in ISFD.
- Service Orientated Architecture (SOA) – Develop a core set of reusable enterprise services that can be leveraged by all mission systems. Core services include authorization and authentication, messaging, and document upload/download.
- ISFD Metrics Release – Implement changes to ISFD to support the Industrial Security mission by providing means for tracking and reporting information pertaining facilities under DSS auspice.
- ISFD II – Modernize the current ISFD capabilities to include improved capabilities in support of the growing DSS industrial security mission.
- Defense Security Service Counterintelligence Analytical System (DCIAS) – Develop a capability to improve intelligence data aggregation, analysis, and dissemination on the SIPRNet.
- Defense Industrial Base Network (DIBNET) – Deliver DSS hardware and software solutions to connect to the DIBNET unclassified and classified networks to share threat information with cleared industry partners.
- ENROL Upgrade – Upgrade hardware to a blade environment. Upgrade the SumTotal application (currently conducting a version analysis), and Oracle to version 10.
- ENROL – Implement a Training Management System.

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**Global Information Grid (GIG) / Net-Centricity**

The DoD GIG architecture is the defacto standard for all DSS systems (JPAS, ISFD, DCII, iIRR, DSS Enterprise Portal, ENROL, and Network and Infrastructure (N&I)). DSS complies with all GIG / Net-Centricity requirements, and incorporates GIG and GIG IA elements into the development and deployment of all DSS mission critical program/project system components. A detailed plan entitled, "DSS Systems Roadmap," is currently under development and is based on the following GIG references:

- Net-Centric Operations and Warfare Reference Model (NCOW RM)
- DoD Architectural Framework
- DoD Directive 8100.1, Global Information Grid (GIG) Overarching Policy
- DoD Directive 8500.1, Information Assurance (IA)

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Information Technology Budget Exhibit Resource Summary by Initiative (IT-1)

	----- Dollars in Thousands -----		
	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
<b>DEFENSE SECURITY SERVICE RESOURCE SUMMARY:</b>	<b>62,276</b>	<b>55,651</b>	<b>33,485</b>

**2236 - Networks & Infrastructure (N&I)**

**Non-Major**

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - COMPUTING INFRASTRUCTURE

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	DEFENSE SECURITY SERVICE	10,451	10,576	10,746
<b>Initiative Resource Summary:</b>			<b>10,451</b>	<b>10,576</b>	<b>10,746</b>

**2854 - Industrial Security Facility Database (ISFD)**

**All Other**

GIG Category: RELATED TECHNICAL ACTIVITIES - TECHNICAL ACTIVITIES

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	DEFENSE SECURITY SERVICE	9,188	11,592	10,305

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 07 OPER SYS DEV	0604130V DEFENSE INFORMATION SYSTEM FOR SECURITY (DISS)	3,732	798	3,199
<b>Initiative Resource Summary:</b>			<b>12,920</b>	<b>12,390</b>	<b>13,504</b>

**2865 - Defense Central Index of Investigations (DCII)**

**All Other**

GIG Category: RELATED TECHNICAL ACTIVITIES - TECHNICAL ACTIVITIES

Operations

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Information Technology Budget Exhibit Resource Summary by Initiative (IT-1)

**2865 - Defense Central Index of Investigations (DCII) (Continued)**

**All Other**

GIG Category: RELATED TECHNICAL ACTIVITIES - TECHNICAL ACTIVITIES

Operations (Continued)

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	DEFENSE SECURITY SERVICE	4,617	4,673	0

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 07 OPER SYS DEV	0604130V DEFENSE INFORMATION SYSTEM FOR SECURITY (DISS)	678	0	0

<b>Initiative Resource Summary:</b>	<b>5,295</b>	<b>4,673</b>	<b>0</b>
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**2880 - Personnel Security Investigative File Automated Subsystem (iIRR)**

**All Other**

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - INFORMATION DISTRIBUTION SERVICES

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	DEFENSE SECURITY SERVICE	3,832	3,878	0

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 07 OPER SYS DEV	0604130V DEFENSE INFORMATION SYSTEM FOR SECURITY (DISS)	1,391	0	0

<b>Initiative Resource Summary:</b>	<b>5,223</b>	<b>3,878</b>	<b>0</b>
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Information Technology Budget Exhibit Resource Summary by Initiative (IT-1)

**2902 - DSS Enterprise Portal (Portal)**

**All Other**

GIG Category: FUNCTIONAL AREA APPLICATIONS - INFORMATION MANAGEMENT

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	DEFENSE SECURITY SERVICE	1,833	1,855	1,885

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 07 OPER SYS DEV	0604130V DEFENSE INFORMATION SYSTEM FOR SECURITY (DISS)	678	145	580

<b>Initiative Resource Summary:</b>	<b>2,511</b>	<b>2,000</b>	<b>2,465</b>
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**2905 - Electronic Network Registration and On-Line Learning (ENROL)**

**All Other**

GIG Category: FUNCTIONAL AREA APPLICATIONS - OTHER (NOT OTHERWISE SPECIFIED)

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	DEFENSE SECURITY SERVICE	458	464	457

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 07 OPER SYS DEV	0604130V DEFENSE INFORMATION SYSTEM FOR SECURITY (DISS)	1,357	290	1,162

<b>Initiative Resource Summary:</b>	<b>1,815</b>	<b>754</b>	<b>1,619</b>
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Information Technology Budget Exhibit Resource Summary by Initiative (IT-1)

**3539 - Identity and Access Management Services (IdM)**

**All Other**

GIG Category: INFORMATION ASSURANCE ACTIVITIES - CRYPTOGRAPHIC KEY  
MANAGEMENT

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	DEFENSE SECURITY SERVICE	4,583	4,638	4,570

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 07 OPER SYS DEV	0604130V DEFENSE INFORMATION SYSTEM FOR SECURITY (DISS)	678	145	581

<b>Initiative Resource Summary:</b>	<b>5,261</b>	<b>4,783</b>	<b>5,151</b>
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**6321 - Joint Personnel Adjudication System (JPAS)**

**All Other**

GIG Category: RELATED TECHNICAL ACTIVITIES - TECHNICAL ACTIVITIES

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	DEFENSE SECURITY SERVICE	16,400	16,597	0

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
RDT&E, DW	BA 07 OPER SYS DEV	0604130V DEFENSE INFORMATION SYSTEM FOR SECURITY (DISS)	2,400	0	0

<b>Initiative Resource Summary:</b>	<b>18,800</b>	<b>16,597</b>	<b>0</b>
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