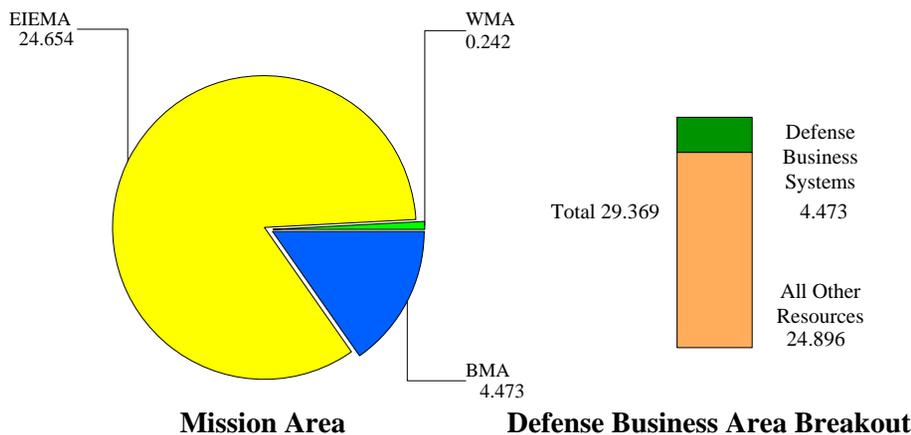


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**FY2012 (\$M)**



**FY11/12PB Comparison (\$M)**

	<u>FY2011</u>	<u>FY2012</u>	<u>Delta</u>
<b>PB FY2011:</b>	\$ 33.485	\$ 37.322	\$ 3.837
<b>PB FY2012:</b>	\$ 33.810	\$ 29.369	\$ -4.441
<b>Delta:</b>	\$ 0.325	\$ -7.953	

**Explanation:**

The \$25M reduction of FY10 and \$8M reduction of FY12 is due to the aforementioned transition of PSC applications to DMDC and economic adjustment direction of fiscal guidance. Refer to 'Significant Changes' section of the Component Overview.

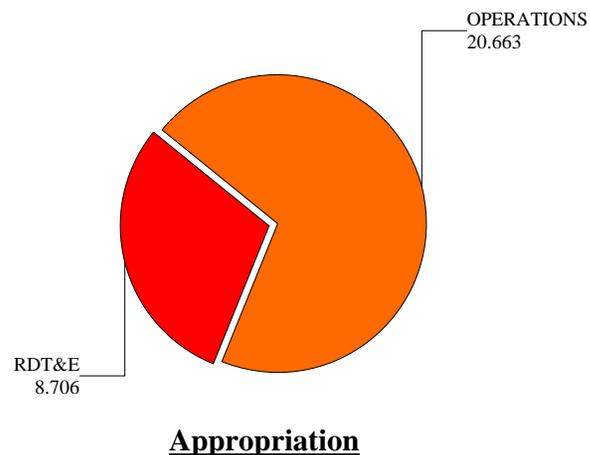
**FY11 to FY12 Comparison (\$M)**

	<u>FY2011</u>	<u>FY2012</u>	<u>Delta</u>
<b>PB FY2012:</b>	\$ 33.810	\$ 29.369	\$ -4.441

**Explanation:**

The \$4.4M reduction is due to the transition of Personnel Security Clearance (PSC) applications to the Defense Human Resources Agency (DHRA) Defense Manpower Data Center (DMDC). Refer to 'Significant Changes' section of the Component Overview.

**FY2012 (\$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; Accrediting 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 (NISIP). In compliance with the Expanded Electronic Government, the President's Management Agenda, and the DoD Enterprise Architecture Framework, 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.

ESS is the secure, authoritative source for management, storage, and timely dissemination of industrial security and security training information with flexibility and support structure for future DoD security process growth. ESS is comprised of the Industrial Security Facilities Database (ISFD), the Office of the Designated Approving Authority (ODAA) Business Management System (BMS), 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 ESS applications and information assets.

ESS strengthens agency performance through enhanced automation and oversight of the industrial security facility clearance process and improvement of the Industrial Security ODAA accreditation process.

Key DSS strategic goals are to enable successful protection of national assets and interests on behalf of DoD and to consistently meet expanding industrial security mission requirements by providing centralized, secure access to information resources.

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 risks; and Developing effective and efficient information technology architecture to support critical processes.

**Significant Changes**

In compliance with the Deputy Secretary of Defense Memorandum, "Defense Security Service (DSS) Future Options Study Recommendations, January 15, 2009," DSS has transitioned the following Personnel Security Clearance support systems to DMDC: JPAS; iIRR; DCII; and SWFT. Transition of these systems has allowed DSS to focus on enhancement of services critical to three major mission areas: Counterintelligence, Industrial Security, and Security Education.

**Defense Business Systems**

DSS identifies business systems that meet criteria outlined in the 2005 National Defense Authorization Act and DoD IT Defense Business Systems Investment Review Process Guidance. Currently, five (5) DSS business systems undergo Investment Review Board (IRB) and the Defense Business Systems Management Committee (DBSMC) review.

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The DSS Business System portfolio is managed by the DSS Chief Information Officer and currently consists of the following systems:

- ISFD provides a centralized, web-based platform for NISP personnel to manage the industrial security facility clearance process, from request to approval (or rejection) and store all investigative data associated with that process. ISFD provides a means for users to submit, update, search, and view facility verification requests. ISFD retains a list of cleared facilities and companies and provides users a nationwide perspective on National Industrial Security Program related facilities, as well as facilities under DSS oversight in the DoD conventional Arms, Ammunition, and Explosives (AA&E) program.
- The ODAA BMS will provide a centralized, flexible data management and reporting support system across the industry allowing access from multiple sites. The information contained within ODAA BMS will improve accreditation timeliness and accuracy and improved reporting capabilities to answer congressional staff inquiries.
- The IdM controls ESS User service-accessibility through single sign-on authentication. The web-based IdM enterprise portal is the PKI compliant point-of-entry to the suite of services offered by the ESS. Through sign-on authentication, user service-level permissions are verified and authorized services are offered to the ESS User accordingly.
- The DSS Enterprise Portal provides one-stop access to the services, business applications, and information assets of the DSS enterprise. Individuals seeking knowledge of the DSS enterprise can globally access agency information through the internet at “www.dss.mil”. DoD customers, with proper account credentials, can use the portal as a central point of access to DSS business applications and services. Customer efficiency and productivity are increased by instant accessibility to DSS business applications, information, news, and scheduled system outage postings. Through the portal, advanced collaboration, process orchestration, user experience management, and composite application access is consolidated from multiple sources onto a single public-facing interface.
- The ENROL system is a customized, COTS Learning Management System (LMS) and Learning Content Management System (LCMS). Other components of ENROL include: Content Development Server (DLSTK), File and Course Hosting (CDSWS), exam application (Questionmark), flash content (Streaming Server). This system offers a web-based application accessible to DoD security professionals, DoD contractors, employees of other Federal agencies, and selected foreign governments. ENROL provides the DSS Academy with a means to grant security education and training curricula, access awareness products, and promote professional development services that are relevant and responsive to the needs of the security professionals, military personnel who perform security functions, and other DoD and contractor personnel requiring security training.

### **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, direction from the United States Cyber Command (USCYBERCOM), the Secure Configuration Compliance Validation / Secure Configuration Remediation Initiatives (SCCVI/SCRI), IA Program and Policy Creation for Component standardization, Secure Systems Engineering of Systems in the Systems Development Lifecycle process, Configuration and Asset Management, Certification and Accreditation (C&A), Contingency Planning, Insider Threat Detection, Malicious Code Detection/Eradiation, Auditing, and IA Training.

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**Major Accomplishments**

In compliance with the Deputy Secretary of Defense Memorandum, "Defense Security Service (DSS) Future Options Study Recommendations, January 15, 2009" and the DSS mission to offer IT system services critical to three major mission areas: Counterintelligence; Industrial Security; and, Security Education. DSS accomplishments are the following:

Completion of the following Personnel Security Clearance support system enhancements:

- Enhanced the Case Management Tracking System (CATS) interface to trigger the Joint Personnel Adjudication System (JPAS) to provide notification information when clearance eligibility status changes.
- Completed the JPAS User Out-processed Notification enhancement which was developed to alert Joint Clearance and Access Verification System (JCAVS) users when DoD personnel without a Security Management Office have out-processed and no longer require system access.
- Enhanced the Improved Investigative Records Repository (iIRR) system to provide enhanced records management and data redaction capabilities.
- Changed the Single Integrated Operational Plan (SIOP) Category in JPAS to Nuclear Command and Control Extremely Sensitive Information (NC2-ESI).
- Completed the 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.

• Transition of the following Personnel Security Clearance support systems to DMDC: JPAS; iIRR; The Defense Central Index of Investigations (DCII); and the Secure Web Fingerprint Transmission (SWFT). Transition of these systems has allowed DSS to focus on enhancement of the Industrial Security Facility Clearance mission and additional accomplishments, as follows:

- Initiation of the Identity and Access Management/Enterprise Security System Portal (IdM/Portal) to provide centralized account management through the DoD Common Access Card (CAC) and Public Key Infrastructure (PKI) for improved information security of all DSS IT mission systems.
- Award of the contract for the ODAA BMS to automate the development, submission, and management of System Security Plans (SSPs) and Certification and Accreditation (C&A) documentation and activities for industry IT systems processing classified data.
- Initiation of the Electronic Facility Clearance (eFCL) System Interface between ISFD and the Department of Energy (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.
- Initiation of the ISFD Metrics Release to support the Industrial Security mission by providing a means for tracking and reporting information pertaining to facilities under DSS auspice.
- Award of the ISFD II contract to modernize current ISFD capabilities in support of the growing DSS industrial security mission.
- Fielding of the Defense Security Service Counterintelligence Analytical System (DCIAS) to improve counterintelligence data aggregation, analysis, and dissemination on the SIPRNet.
- Completion of the Electronic Network Registration and On-line Learning (ENROL) system hardware upgrade to a blade environment and the SumTotal application upgrade to Oracle version 10 as necessary to support the security education mission system.
- Implemented the ENROL Training Management System.

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**Major Planned Activities**

In keeping with efficient and effective capture of emerging industrial security system requirements, compliance with Federal/DoD mandates, and performance improvements, DSS will implement the following ESS system enhancements and major activities in FY12 and beyond:

- Implementation of the IdM/Portal solution to provide centralized account management through DoD CAC and PKI for improved information security of all DSS IT mission systems.
- Field ODAA BMS to automate the development, submission, and management of SSP and C&A documentation and activities for industry IT systems processing of classified data.
- Completion of the eFCL System Interface between ISFD and DoE eFCL. DSS has adopted eFCL as the tool to collect and manage security information on facilities with FOCl. This interface will allow data from eFCL to update facility information in ISFD.
- Field the ISFD Metrics Release to support the Industrial Security mission by providing the means for tracking and reporting information pertaining to facilities under DSS auspice.
- Develop ISFD II to modernize current ISFD capabilities in support of the growing DSS industrial security mission.
- Enhancement of DCIAS to improve intelligence data aggregation, analysis, and dissemination on the SIPRNet.
- Initiation of the ENROL SumTotal application upgrade to Oracle version 11.

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

The DoD Global Information Grid (GIG) architecture is the defacto standard for all DSS systems (ISFD, ODAA BMS, DSS Enterprise Portal, ENROL, and NIPRNet/SIPRNet Enclaves). 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 based on the following GIG references:

- DoD Architectural Framework
- DoD Directive 8100.1, Global Information Grid (GIG) Overarching Policy
- DoD Directive 8500.1, Information Assurance (IA)
- DoD Directive 8570.1, IA Training, Certification, and Workforce Management

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

	----- Dollars in Thousands -----		
	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>
<b>DEFENSE SECURITY SERVICE RESOURCE SUMMARY:</b>	<b>30,801</b>	<b>33,810</b>	<b>29,369</b>

**1513 - ODAA Business Management System (ODAA BMS)**

**All Other**

GIG Category: FUNCTIONAL AREA APPLICATIONS - INFORMATION MANAGEMENT

**RDT&E**

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>
RDT&E, DW	BA 07 OPER SYS DEV	0604130V ENTERPRISE SECURITY SYSTEM (ESS)	0	1,973	2,728

<b>Initiative Resource Summary:</b>	<b>0</b>	<b>1,973</b>	<b>2,728</b>
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**1794 - STANDARD PROCUREMENT SYSTEM (SPS)**

**Major**

GIG Category: FUNCTIONAL AREA APPLICATIONS - ACQUISITION

**Operations**

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	DEFENSE SECURITY SERVICE	300	325	330

<b>Initiative Resource Summary:</b>	<b>300</b>	<b>325</b>	<b>330</b>
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**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>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	DEFENSE SECURITY SERVICE	10,576	10,746	11,262

<b>Initiative Resource Summary:</b>	<b>10,576</b>	<b>10,746</b>	<b>11,262</b>
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**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>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	DEFENSE SECURITY SERVICE	11,592	10,305	5,623

**RDT&E**

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>

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

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

**All Other**

GIG Category: RELATED TECHNICAL ACTIVITIES - TECHNICAL ACTIVITIES

**RDT&E (Continued)**

----- Dollars in Thousands -----

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>
RDT&E, DW	BA 07 OPER SYS DEV	0604130V ENTERPRISE SECURITY SYSTEM (ESS)	796	3,076	5,978

<b>Initiative Resource Summary:</b>	<b>12,388</b>	<b>13,381</b>	<b>11,601</b>
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**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>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	DEFENSE SECURITY SERVICE	1,855	950	242

**RDT&E**

----- Dollars in Thousands -----

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>
RDT&E, DW	BA 07 OPER SYS DEV	0604130V ENTERPRISE SECURITY SYSTEM (ESS)	145	180	0

<b>Initiative Resource Summary:</b>	<b>2,000</b>	<b>1,130</b>	<b>242</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>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	DEFENSE SECURITY SERVICE	464	1,392	1,415

**RDT&E**

----- Dollars in Thousands -----

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>
RDT&E, DW	BA 07 OPER SYS DEV	0604130V ENTERPRISE SECURITY SYSTEM (ESS)	290	162	0

<b>Initiative Resource Summary:</b>	<b>754</b>	<b>1,554</b>	<b>1,415</b>
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**3539 - Identity and Access Management Services (IdM)**

**All Other**

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

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

**All Other**

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - OTHER COMMUNICATION INFRASTRUCTURE ACTIVITIES

**Operations**

----- Dollars in Thousands -----

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	DEFENSE SECURITY SERVICE	4,638	4,570	1,791

**RDT&E**

----- Dollars in Thousands -----

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>
RDT&E, DW	BA 07 OPER SYS DEV	0604130V ENTERPRISE SECURITY SYSTEM (ESS)	145	131	0

**Initiative Resource Summary:**

<b>4,783</b>	<b>4,701</b>	<b>1,791</b>
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