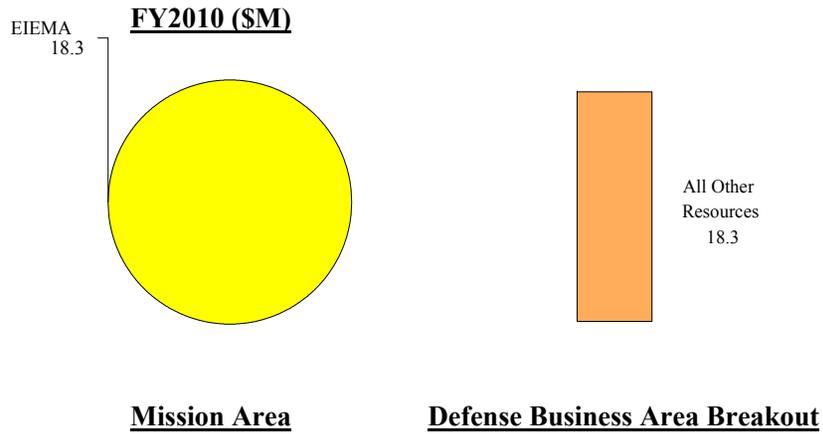


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FY09/10PB Comparison (\$M)

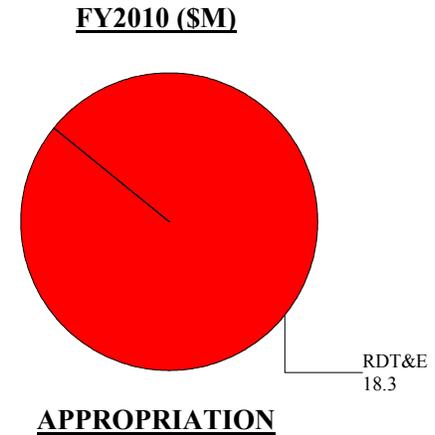
	<u>FY2009</u>	<u>FY2010</u>
PB FY2009:	\$ 17.1	\$ 18.6
PB FY2010:	\$ 17.7	\$ 18.3
Delta:	\$ 0.6	\$-0.3

Explanation:
The FY 2008 figure (FY 2010 PB position) reflects actual costs. The deltas related to FY 2009 and 2010 reflect economic assumptions associated with civilian personnel costs and contract price increases from the FY 2008 baseline position.

FY09 to FY10 Comparison (\$M)

	<u>FY2009</u>	<u>FY2010</u>	<u>Delta</u>
PB FY2010:	\$ 17.7	\$ 18.3	\$ 0.6

Explanation:
The nominal increase between FY 2009 and FY 2010 reflects economic assumptions associated with civilian personnel and contract price increases.



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Executive Summary

The Defense Technical Information Center (DTIC) facilitates the transfer of scientific, technical and program information throughout the national defense community. Using knowledge management techniques and centralized information acquisition, dissemination and collaboration systems, DTIC leverages Department of Defense's substantial investment in RDT&E information, reduces costs, and provides appropriate access for researchers, civilian and military planners, and the warfighter. These efforts ultimately support DoD antiterrorism initiatives and increase the effectiveness of the DoD research, development and acquisition processes. DTIC's online systems contain metadata and full-text for hundreds of thousands of technical reports and ongoing research efforts.

DTIC web development and hosting services include development and hosting for over one hundred Website applications that support DoD Component missions, such as the Core Vulnerability Assessment Management Program, which provides vital vulnerability information to the Joint Staff and the Exhibit R-2 Research Budget Exhibit system, which allows the DoD Comptroller to generate standardized budget exhibits from XML coded data produced by the Component's internal systems without changing their underlying structure. DTIC recently launched two applications to support S&T researchers and acquisition decision-makers. The first, DoDTechipedia, is an internal DoD Wiki facilitating collaboration and knowledge sharing across the DoD. The second, Defense Solutions, is a Website that reaches out to non-traditional technology providers offering them a mechanism for directly submitting technological solutions in areas of interest to the DoD.

The DTIC managed Information Analysis Centers respond directly to the Combatant Commands and Military Services, providing information and support in such areas as chemical and biological threat and defense, information assurance, sensors, and survivability and vulnerability. DTIC is working on Service Oriented Architectures and is implementing a Web Services capability to improve information sharing, reduce response time, and improve data quality. DTIC is also participating in the Defense Agency Initiative (DAI) implementation and the DoD Demilitarized Zone (DMZ) Working Group, as well as responding to new system security and Continuity of Operations (COOP) initiatives.

Significant Changes

DTIC routinely investigates new and emerging technologies that have potential application for the Defense Community. DTIC continues to enhance its user authentication and user access management capabilities for Website users. DTIC is working to integrate single sign-on with the Common Access Card and the HSPD12 mandated PIV card, as well as developing a methodology to use tokens for registering for Web 2.0 trusted community applications, while enforcing effective strategies for data access control. DTIC monitors and complies with JTF-GNO taskings, including new requirements for data at rest (DAR) encryption, Host Based Security System (HBSS) implementation and Fragmentary Order (FRAGO) 11, which (among other activities) placed a moratorium on the use of USB removable media. The implementation and continuance of Information Operations Condition (INFOCON) 3 has also made a significant demand on DTIC resources to maintain compliance.

DTIC has developed DTIC Online – Access Controlled, a unified user interface, for its limited access science and technology collections with single sign-on, CAC enablement and expanded search capabilities. Implementation of DTIC Online – Access Controlled is scheduled for late FY09. Prior to development of a new product or service, DTIC performs market research, investigates/demonstrates alternative solutions, and evaluates their ability to meet specified requirements.

IPv6 -- DTIC surveyed its internal and outward facing network devices and determined in June 2008 that they were IPv6 compatible and fully compliant with current guidance.

HSPD-12 -- DTIC has moved forward with requiring the DoD CAC for access to all of the DoD-only restricted websites supported at DTIC. Once DoD makes the CAC compliant

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with PIV guidance, all DTIC-supported DoD-only access will be compliant with HSPD-12.

HBSS – DTIC is in the deployment planning stage for HBSS and is scheduled to be in full compliance by the end of FY09.

INFOCON 3 – DTIC is in compliance with INFOCON 3. Until the INFOCON level is changed by JTF-GNO, DTIC will continue to implement, monitor and report system configuration information on a recurring basis.

Defense Business Systems

DTIC has one Defense Business System. The Research and Engineering (R&E) Portal was certified by the Weapon System Life Cycle Management Investment Review Board section of the Defense Business Systems Management Committee (DBSMC). The Portal was approved in December 2005. Annual recertification was granted in 2008.

Information Assurance Activities

DTIC has achieved full accreditation of all IT systems (HQ and San Diego sites). These accreditation statements were signed on 16 July 2008 and they are valid for three years. Accreditation approval was based on system documentation, compliance with DISA's Security Technical Implementation Guides (STIGs) and DoD mandates, and two separate highly favorable security reviews conducted by DISA and an external contracted organization.

DTIC published an internal DTIC IA Program Instruction on 19 July 2005. A draft update to this instruction has been submitted for coordination. This publication provides a single, authoritative document for DTIC personnel that address internal IA policies and procedures. DTIC has had an in-house IA Certification training program in place for many years that utilizes DISA produced training CBTs. All of DTIC's Systems Administrators (SAs) have received this training. SAs are required to complete the local DTIC IA training prior to obtaining administration privileges on any DTIC system. Since the IA Workforce Improvement Program under DoD Directive 8570.1 does not mandate Level II certification, DTIC is considering suspending its internal level II certification training.

DTIC is actively implementing the IA Workforce Improvement Program (DoD 8570) requirements. Currently, more than 40% of DTIC's identified personnel have completed the 8570 training requirements, and over 38% have achieved certification. All DTIC personnel (regardless of the job title) are required to receive the most current DoD-approved IA Awareness Training annually. We are 100% compliant with this requirement. Historically, DTIC has emphasized IA requirements and thoroughly evaluates security and IA concerns in all new system initiatives and system changes.

DTIC closely monitors, records and responds to JTF-GNO IA Vulnerability alerts, Communications Tasking Orders and Warning Orders to ensure a high degree of IA compliance for our systems. DTIC has a formal agreement with the DISA Field Security Office (FSO) for Computer Network Defense (CND) support. DTIC also has deployed the Army Research Lab Interrogator tool to enhance DTIC's defense-in-depth posture. Additionally, SAs closely monitor applicable vendor sites for additional vulnerability and product enhancement information. 100% of DTIC's IT system information has been entered into the DoD IT Registry as required.

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Major Accomplishments

DTIC continued to develop, enhance and maintain information transfer products and services by:

- Developing DoDTechipedia, a wiki-based site designed to increase communication, collaboration and knowledge sharing among Federal S&T and acquisition community members.
- Implementing DTIC Online Public, an easy-to-use customer interface offering integrated searching and access to publicly available information from both DoD and other federal Web sites. It includes over 800,000 technical report citations and numerous full-text documents from the DTIC Technical Reports Collection.
- Supporting 100+ Component Web sites, including the DDR&E public site, R&E Portal, PACOM, the Anti-Terrorism Level I Training Site and many other limited and classified sites that support DoD Component missions.
- Enhancing existing products such as the R&E Portal and the Scientific and Technical Information Network (STINET) with new features and integrating internal and external DoD Website search capabilities with the FAST search engine.

DTIC has integrated DoD CAC access with Lightweight Directory Access Protocol (LDAP) and SiteMinder to provide single sign-on access control to its limited access Websites, allowing more seamless access for its customers while affording better protection and administration of the data access. DTIC has deployed a Service Oriented Architecture (SOA) that allows external systems to search, post and retrieve documents directly from DTIC systems. Web 2.0 applications have also been implemented to support the increasing need for interactive collaboration tools and knowledge sharing.

DTIC responded rapidly to the ever changing information needs of our customers and served as a role model for providing fast access to information while maintaining appropriate security.

Major Planned Activities

DTIC's Administrator is responsible for overall management of the center and ensures that resources are allocated to meet organizational goals. DTIC's Configuration Control Board reviews major new initiatives for adherence to the organization's goals and monitors their execution.

A major DTIC goal is to "make access to information easier while improving information security and integrity." To achieve this goal DTIC will:

- Continue to maintain and enhance the DTIC R&D collections ensuring timely, secure and authoritative information for the national defense community.
- Implement the DTIC Online user interface for the access controlled collections by the end of FY09 and enhance the interfaces for the unlimited and SIPRNET collections to provide enhanced search capabilities.
- Provide secure, reliable hosting services for more than 100 Web sites supporting the DoD Components.
- Expand existing application features and architecture to support newly emerging customer requirements and Continuity of Operations (COOP) capabilities.

DTIC is expanding its Service Oriented Architecture and partnering with the DoD Comptroller on a Web Services demonstration project for the R2 Budget submissions. This architecture will allow server-to-server communications over the NIPRNET and Internet, providing greater interoperability and extensibility. DTIC will also deploy additional Web 2.0 technologies to increase participation and collaboration between technology solution seekers and traditional/non-traditional solution providers. Once policy issues are resolved, DTIC will implement a version of the DoDTechipedia Wiki that is accessible to potential DoD partners in the private and academic sectors. Another planned product is Aristotle, a tool that assists researchers by providing an analysis of the relationship between researchers, research interests, and projects.

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DTIC is including more intelligence information in its collections as technical intelligence becomes increasingly important to DoD's Scientific and Technical Information Programs. DTIC will continue to use existing tools (COTS, GOTS and Shareware) to improve operational effectiveness and security.

DTIC is a phase 1 participant in the Defense Agency Initiative (DAI) which represents the Department's effort to extend its solution set for streamlining financial management capabilities, eliminate material weaknesses, and achieve financial statement auditability for the Agencies and Field Activities across the DoD.

DTIC is planning to have HBSS fully implemented in DTIC by the end of FY09. This will be a major undertaking as it will be deployed on all DTIC systems that utilize the Windows Operating System (OS).

Global Information Grid (GIG) / Net-Centricity

DTIC's current Strategic Plan contains a goal to "Make Access to Information Effective, Easy, and Secure." DTIC uses the Internet for collection and dissemination of the information it has in its collection and hosts over 100 web sites and continues to attract DoD customers wanting DTIC to provide content management and web-hosting services. DTIC has migrated its legacy IT environment into a Internet Protocol based structure, allowing access to its systems via a web browser. DTIC has implemented Lightweight Directory Access Protocol (LDAP) with SiteMinder to provide single sign-on access control to its limited web sites, allowing more seamless access for its customers while affording better protection and administration of data access. DTIC is implementing Service Oriented Architecture for its Internet-based applications, partnering with the US Air Force on a web services demonstration project. This architecture will allow server-to-server communications over the NIPRNET and Internet, providing greater interoperability and extensibility. DTIC is beginning to include intelligence information into the Global Enterprise as technical intelligence becomes increasingly more important for DoD's own Scientific and Technical Information Programs. DTIC continues to work with the Defense Information Systems Agency (DISA) and NII in participating in NetCentric-Enterprise services.

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

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

	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
DEFENSE TECHNICAL INFORMATION CENTER RESOURCE SUMMARY:	17,555	17,689	18,314

5024 - DEFENSE TECHNICAL INFORMATION CENTER (DTIC)

Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - NETCENTRIC SERVICES

RDT&E

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

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E, DW	BA 06 RDT&E MGMT SUPPORT	0605801KA DEFENSE TECHNICAL INFORMATION CENTER (DTIC)	17,555	17,689	18,314

Initiative Resource Summary:	17,555	17,689	18,314
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