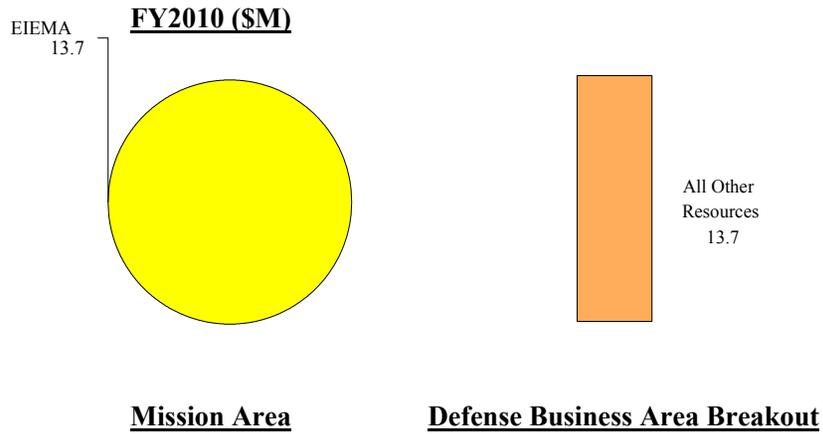


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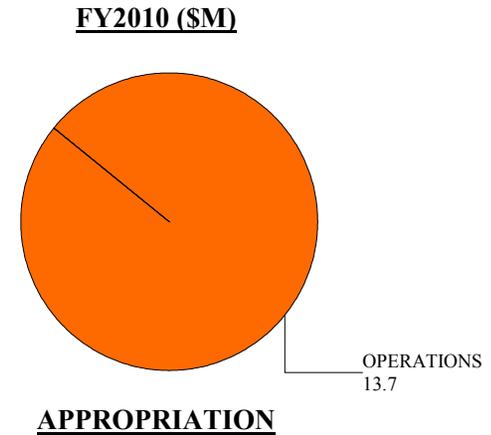
FY09/10PB Comparison (\$M)

	<u>FY2009</u>	<u>FY2010</u>
PB FY2009:	\$ 0.0	\$ 0.0
PB FY2010:	\$ 14.0	\$ 13.7
Delta:	\$ 14.0	\$ 13.7

Explanation:
 The FY09PB figures are zeroed out as a result of the consolidation of the American Forces Information Service (AFIS) into the Defense Media Activity (DMA). The former AFIS Initiative # 0044, titled Network Support - American Forces Information Service, is now rolled into the DMACT Initiative # 3674, titled Defense Media Activity Network Support. The disestablishment of AFIS and the establishment of DMA became effective October 1, 2008.

FY09 to FY10 Comparison (\$M)

	<u>FY2009</u>	<u>FY2010</u>	<u>Delta</u>
PB FY2010:	\$ 14.0	\$ 13.7	\$-0.3



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Executive Summary

The mission of Defense Media Activity (DMA) is to:

- Provide a wide variety of information products to the entire Department of Defense (DoD) family (Service members, family members, retirees, DoD civilians, and contract employees) and collateral external audiences through all available media, including motion and still imagery; print; radio; television; web; and related emerging internet, mobile and other communication technologies.
- Communicate messages and themes from the Secretary of Defense, Service Secretaries, Joint Chiefs of Staff (JCS), and other military leaders in order to support and improve quality of life and morale, promote situational awareness, and sustain readiness.
- Provide United States (U.S.) radio and television news, information and entertainment programming to military service members, DoD civilians and contract employees, and their families overseas and on board Navy and other authorized ships.
- Provide high quality visual information products, including Combat Camera imagery depicting U.S. military activities and operations, for use throughout the DoD and the American public.
- Provide joint education and training for military and civilian personnel in the public affairs, broadcasting, and visual information career fields to meet DoD-wide entry level skills and long term career development requirements.

The DMA Network consists of the components that enable the organization to achieve this mission and is a mission essential office automation system upon which the organization relies to conduct its mission critical duties.

The DMA Network supports numerous locations in Continental United States (CONUS) and Outside of the United States (OCONUS). The locations are DMA Headquarters (HQ) in Alexandria; the Joint Combat Camera Center (JCCC) in the Pentagon; the Joint Visual Information Services Distribution Activity (JVISDA) in Tobyhanna, PA.; the Defense Information School (DINFOS) at Fort Meade Maryland; the Defense Media Center (DMC) and the Defense Visual Information Center (DVIC), co-located in Riverside, CA; DMA Crystal City in Arlington, VA; DMA Anacostia in Washington, DC; DMA San Antonio in San Antonio, TX; DMA American Forces Network (AFN) Europe North in Germany; DMA AFN Europe South in Italy; and DMA AFN Korea in Korea. These locations are tied together by a Wide Area Network (WAN) via the Unclassified but Sensitive Internet Protocol Router Network (formerly called the Non-secure Internet Protocol Router Network), or NIPRNet, utilizing digital communication lines that transmit data at rates of 1.544 megabits per second (T1) and 45 megabits per second (DS-3). The network consists of the following components: project management, helpdesk, network administration, systems security, systems integration, systems analysis, web/applications development, and configuration management. The helpdesk responds to all Information Technology (IT) support requests and resolves/tracks all helpdesk calls. Electronic helpdesk call tracking system is fully utilized. To enhance efficiency of Information Resources Management (IRM) operations, IT technicians are shared among sites by leveraging the local IT knowledge throughout the DMA IRM enterprise.

Since DMA is in a steady state, decisions to refresh or replace technologies or to upgrade back-office applications are made through a disciplined change and configuration management process. Technology upgrades usually involve upgrades and/or replacement along proven technology paths. Obsolete technology is replaced to avoid the higher maintenance costs arising from the lack of vendor support. More aggressive approaches, e.g. replacing Windows with Linux, are considered but are frequently not accepted due to the high risk (internal staff experience, cost, external benchmarks, etc.) associated with these approaches. New technologies are usually inserted based on changes to policies or laws, e.g., personnel and enterprise security.

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Customer satisfaction and overall network performance are linked to established goals and objectives, with supporting strategies that identify the actions taken to achieve each goal. Weekly status reviews are conducted by each of the accountable government managers and contractor personnel to measure the actual achievement. Performance measures are used to assess efficiency and effectiveness of the strategies. Through the use of this approach, the agency is able to track the quality and timeliness of its outputs and the effectiveness of the organization as a whole.

Significant Changes

Defense Business Systems

Information Assurance Activities

The Office of the Secretary of Defense (OSD) Chief Information Office (CIO) Security Assistance Visit (SAV) team conducted an annual security review of the DMA network in March 2008. As a result of the assessment, the SAV team determined that the DMA network was operating at an acceptable level of compliance with DoD security policies. The DMA network was re-certified and deemed to be operating within prescribed certification requirements. The re-certification also confirms DMA's adherence to upholding the required Authority to Operate (ATO) credentials necessary of maintaining connectivity to the NIPRNet.

In accordance with Joint Task Force-Global Network Operations (JTF-GNO) Computer Network Defense (CND) policies, DMA IRM has obtained the services of the Defense Information Systems Agency (DISA) to serve as the CND Service Provider (SP) for the DMA enterprise sites located in Alexandria, Crystal City, Riverside, San Antonio, Anacostia, and Ft. Meade. As the CNDSP for the DMA, DISA will monitor each site's network enclave at the boundary level for potential threats that may adversely impact the DMA information security posture.

DMA has continually maintained and complied with JTF-GNO task orders by appropriately responding to the alerts, notifying the DMA enterprise sites of required tasks for immediate action, and tracking and reporting status to JTF-GNO. DMA compliance with JTF-GNO task orders further solidifies DMA's approved network certification status and ATO credentials. DMA is continuing to be compliant with the standardized DISA Ports and Protocols Program. DMA is also continuing to obtain security clearances for all privileged users including system administrators and Information Security Officers. In addition, DMA has evaluated, implemented, and deployed Mobile Armor, which is a solution for Data-at-Rest that requires the encryption of all data stored on mobile computing devices, such as laptops.

Major Accomplishments

NIPRNet connectivity has been established at each of the sites that were transitioned to DMA, to include DMA Anacostia, DMA Crystal City, and DMA San Antonio. Each of these sites has been equipped with a full DS-3 circuit, which transmits data at 45 megabits per second (Mbps). In addition to accessing other sites and resources on the .mil network, the DS-3 circuits at each of the respective sites will be used to provide wide area network connectivity via DMA Alexandria providing Active Directory, e-mail, and other resource

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collaboration services within the DMA enterprise. Locally, each DMA site has the capability of delivering data at transmission speeds up to 1 gigabit per second (Gbps).

A dedicated demilitarized zone (DMZ) was established for hosting applications supported by Web Operations in an effort to isolate public web traffic that may impact the integrity of the DMA network. Appropriate network settings/infrastructure configurations have been employed to allow for secure data communications to and from the Akamai networks in support of the Web Operations. Further monitoring at the firewall and boundary levels occurs to ensure an effective security posture is maintained.

The DMA enterprise-wide IT support contract was awarded to Lockheed Martin. The contract has been appropriately maintained and managed in an effort to provide continued services in support of all IT-related activities. IT support has been extended to the DMA Crystal City, DMA San Antonio, and DMA Anacostia to ensure on site support is maintained both during and after the transition to a single, unified DMA Active Directory environment. Under the new contract, IT services will be managed per the Communications Electronics Command (CECOM) contracting office requirements to meet the growing and ever changing demands of DMA and its affiliates' missions.

Major Planned Activities

Major planned activities for FY 2009 include migrating each of the DMA activities to a single, Active Directory and e-mail (MS Exchange) enterprise architecture for centralized resource sharing and collaboration. In order to implement this simplified architecture plan, DMA IRM will also implement a virtual private network (VPN) within the DMA enterprise used for establishing and maintaining secure communications amongst the DMA sites via the NIPRNet. DMA IRM will also continue with the design and planning of the DMA network in the new DMA facility to be located at Ft Meade.

Database enhancement planned activities include the implementation of Oracle Real Application Cluster (RAC) for the automatic failover of the Oracle databases in the event of a system failure, migrating Oracle 9i databases to Oracle 10g, and implementing Spotlight, which is an Oracle database monitoring tool. In support of the existing DMA network architecture, IRM is planning to deploy Cisco Gigabit line cards in the core Catalyst switches for improved network connectivity to servers and desktops, procuring and deploying CipherOptic VPN Gateways for DMC, and establishing a dedicated DMZ network to host Broadcast Center resources for improved security. In addition, DMA IRM will employ recommended network design criteria in order to meet DISA's requirement for establishing DMA as an Extended DoD DMZ.

Other planned activities include upgrading the WebLogic server environment with more robust Sun servers, establishing a SimpleSync global address list synchronization process between DMA Alexandria and DMA Crystal City, implementing VMware for several server applications, and evaluating Thin Client technology. VMware will facilitate reducing the footprint of the server room equipment racks in addition to power and cooling requirements while enhancing application availability.

Global Information Grid (GIG) / Net-Centricity

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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 MEDIA ACTIVITY RESOURCE SUMMARY:	14,236	14,028	13,725

3674 - Defense Media Activity Network Support (DMACT)

Major

GIG Category: FUNCTIONAL AREA APPLICATIONS - INFORMATION MANAGEMENT

Operations

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

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	DEFENSE MEDIA ACTIVITY	14,236	14,028	13,725
Initiative Resource Summary:			14,236	14,028	13,725