



***2010 DTIC CONFERENCE***  
***March 22-24, 2010***

***Celebrating 65 Years of Providing Access to Defense Information***

# **DTIC Update: 65 Years of Access, Innovation and Collaboration**

**23 March 2010**

**Ms. Helen Q. Sherman**



# DTIC Update

DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004

**Ms. Helen Q. Sherman**  
Director, User Services  
DTIC

**DEFENSE TECHNICAL INFORMATION CENTER**

**Celebrating  
65 Years  
of Providing  
Access to  
Defense Information**



# **2010 Conference**

**March 22-24, 2010**  
Hilton Alexandria Old Town  
Alexandria, Virginia

[www.dtic.mil](http://www.dtic.mil)

**Welcome to DTIC's 36<sup>th</sup> Annual Conference**



# DTIC Celebrated 5<sup>th</sup> Year as Field Activity in June 2009

DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004



# Commemorating



The Fifth Anniversary  
of the  
Defense Technical Information Center  
as a  
U.S. Department of Defense Field Activity  
Since June 4, 2004

June 4, 2009

Date

R. Paul Ryan  
Administrator, Defense Technical Information Center





# What's New at This 2010 DTIC Conference?

DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004

- **Defense Connect Online (DCO) for increased access during and after the conference**
  - Presentations are being recorded during Day 1, Day 2, and the Day 3 training track in Salon A.
  - Wait for the microphone if you ask a question so that your voice will be recorded with the session.
  - See 2010 Agenda and the DTIC booth for instructions about registering for DCO and requesting access to this conference and the 2009 COCOM Workshop.



# 65<sup>th</sup> Anniversary Calendar Available at DTIC booth



DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004

## See the DTIC 65th Anniversary Calendar in your packet!

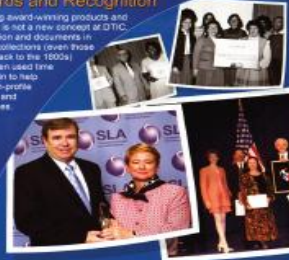
**Combatant Command Support / Embedded Librarians**  
Over the past several years, DTIC has focused on partnering with the United Commanders' Community (COCOMM) to get information into the hands of the Warfighter more rapidly.



**THEN**  
In 2007 DTIC launched a campaign aimed at establishing a working relationship with each of the 10 COCOMM. In November of 2007 DTIC held its first COCOMM symposium where DTIC staff met and received support from COCOMM staff.

### Awards and Recognition

Providing award-winning products and services is not a new concept at DTIC. Information and documents in DTIC's collections (even those dating back to the 1900s) have been used time and again to help with high-profile projects and challenges.



In 1997, Vice President Al Gore presented a lifetime award to a DTIC staff member for his contribution to "making a better world." DTIC's mission and information Center's Central Library / Information Center's leading-edge use of technology for information dissemination.

In 2005, DTIC won the Special Libraries Association's Innovation and Technology Award. In 2006, DTIC received a 20th Annual Government Computer News Award for "Outstanding Information Technology Achievement in Government" and was featured in the White House's Open Government Initiative. These accolades and successes demonstrate DTIC's ability to provide top-quality services to the DoD, Federal government and the Warfighter.



### NOW

Today, DTIC functions as the DoD's executive agent for 10 IACs. Recently, IAC successes range from providing simulations, training and reliability standards testing for the Air Force, Marine and Navy; to helping evaluate protective clothing for the military; and fast-responders; helping engineers with aircraft safety; assessing rocket motors for space launch and missile defense; and increasing support and networking with the United Commanders' Community.

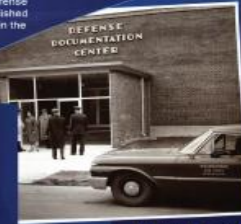
## Defense Technical Information Center



## 65th Anniversary 1945-2010

### DTIC as a DoD Field Activity

On June 4, 2004, then Deputy Secretary of Defense Paul Wolfowitz announced that DTIC be established as a Department of Defense Field Activity within the Under Secretary of Defense for Acquisition, Technology and Logistics (AT&L), reporting to the Director of Defense Research & Engineering (CDRA&E).



### THEN

Over the past 65 years, DTIC has been known by other names: Air Documents Research Center (ADRC), Central Air Documents Office (CADO), Armed Services Technical Information Agency (ASTIA), Defense Documentation Center (DDC) and Defense Technical Information Center (DTIC) and has been aligned under various parent organizations.

"We knew that simply by being established as a field activity, DTIC had established itself from all the competing large amounts of physical to a center in today's digital age where is submitted, stored and retrieved electronically. Customers will be able to access multiple resources both within the DoD and worldwide system spaces. They will be able to perform on that simultaneously source relevant data via online resources regardless of the system's or environment. Having knowledge of technologies, DTIC will provide its users with FAST, BDD, acquisition, engineering, operations capacity, security and reliability discovery and risk and collaboration tools and data and those in the 21st will need DTIC if the VA. Since mission continue to all DoD."



### The Future of DTIC

DTIC's mission has remained the same over the years. DTIC has established itself from all the competing large amounts of physical to a center in today's digital age where is submitted, stored and retrieved electronically. Customers will be able to access multiple resources both within the DoD and worldwide system spaces. They will be able to perform on that simultaneously source relevant data via online resources regardless of the system's or environment. Having knowledge of technologies, DTIC will provide its users with FAST, BDD, acquisition, engineering, operations capacity, security and reliability discovery and risk and collaboration tools and data and those in the 21st will need DTIC if the VA. Since mission continue to all DoD."



**2010 Conference**  
DTIC has hosted its Annual Conference every year since 1972, with the exception of 1976 and 2001. With continued growth, this conference now on March 22-24, 2010, DTIC will once again host its Annual Conference during the long-standing tradition of providing a forum for DTIC staff and its customers can exchange knowledge and information. This year's theme will include DTIC's Partnership with the United Commanders' Community, Combined Unclassified Information (CUI), copyright, virtual world, collaborative tools, maintaining the use of DTIC resources and more.

No matter what the medium, content, or dissemination method, DTIC's purpose has always been to help people use information as efficiently as possible to strengthen the nation's defense and achieve technical superiority on any battlefield. DTIC is proud to celebrate 65 years of serving the DoD community and our nation. Through technology, DTIC has evolved in how it releases its products, services, and resources to its customers and will continue to do so in the next 60 years and beyond.

"The DTIC 65th Anniversary Calendar is a unique research and development in its own right. It is a must-have for anyone who is interested in the history of DTIC and the DoD community and our nation. Through technology, DTIC has evolved in how it releases its products, services, and resources to its customers and will continue to do so in the next 60 years and beyond."









# Information for the Defense Community



**2008**

DTIC launches DoDTechipedia, DoD's scientific and technical information wiki.

**2009**

DTIC launches DefenseSolutions.gov, an idea portal for potential DoD Contractors to submit solutions to DoD challenges.

**2010**

DTIC celebrates 65 years of meeting the scientific and technical information needs of the DoD community in support of the warfighter.

**1995**

DTIC moves to its current location in the Andrew T. McNamara Headquarters Complex, Fort Belvoir, Virginia.

**2004**

DTIC becomes a DoD Field Activity aligned under the Under Secretary of Defense for Acquisitions, Technology and Logistics reporting to the Director, Defense Research & Engineering.

**2008**

DTIC Online is launched, providing one Web site to search and access DoD scientific, technical, research and engineering information.

**1979**

DDC officially changes its name to Defense Technical Information Center (DTIC).



**1980**

DoD Information Analysis Center (IAC) Program is added to DTIC's mission.

**1994**

DTIC begins offering products and services via the Internet.

Scientific and Technical Information Network (STINET) goes online.



**1962**

The DoD Scientific and Technical Information (STINFO) Program is established.

**1963**

ASTIA is renamed Defense Documentation Center (DDC) and becomes a field activity of the Defense Supply Agency (DSA).



**1972**

The Defense Research, Development, Test and Evaluation Online System (DROLS) becomes operational.



**1945**

The Air Documents Research Center is established in London. Moves to Wright Field, Ohio, as the Air Documents Division (ADD).

**1948**

ADD becomes Central Air Documents Office (CADO), designed to collect, process and distribute information.

**1951**

CADO becomes the Armed Services Technical Information Agency (ASTIA).







# Colonel Mac “The Real McCoy”

DoD Field Activity Since 2004 DoD Field Activity Since 2004

- **John D. McCoy, son of Colonel H. M. McCoy**, the first supervisor of the Air Documents Research Center (now DTIC) at Wright Field (now WPAFB) after World War II.
- Delivered the original farewell folder and portrait presented to **“Colonel Mac, The Real McCoy”** when he transferred to a new position.
- Delivered copies of older articles and a picture of Col McCoy receiving the Legion of Merit award.
- Visit to DTIC, 1 May 2009





# Progress

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## 65 Years of Access, Innovation and Collaboration

- From tons of paper documents brought over by ship to bits and bytes of memory...
- From stacks of paper-clipped documents to cataloged, indexed, and searchable metadata online...



# From a collection of these early products ...





**Supporting the Warfighter**



## **Use DTIC to:**

- ✓ Access almost 1 million technical reports
- ✓ Query MultiSearch to retrieve information from more than 50 S&T resources in one search
- ✓ Download the Congressional Budget 24 hours after release
- ✓ Request experienced Reference Librarian to assist with your research or exercises

Visit [www.dtic.mil](http://www.dtic.mil) today!



# **One Site, One Source** *for Scientific and Technical (S&T) Information*

The single entry-point to the Department of Defense scientific and technical (S&T) information resources

**...to integrated online resources...**





# DTIC Online: Ranks #3 of Top World Repositories, January 2010



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★ ★ Ranking Web of World Repositories: Top 400 Reposit...

## Ranking Web of World Repositories

January 10

home

> home > top 400 repositories

### Data

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- Top 400 Institutional
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- Best Practices

### Information

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- Blog
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- Disclaimer

Search Repositories for:

Submit

Category:

All



### Top 400 Repositories

First | Previous | Next | Last | Repositories 1 to 50 of 400

WORLD RANK	REPOSITORY	COUNTRY	POSITION			
			SIZE	VISIBILITY	RICH FILES	SCHOLAR
1	Arxiv.org e-Print Archive		4	2	2	3
2	CiteSeerX		1	1	411	2
3	Scientific and Technical Information Network		7	7	1	4
4	Social Science Research Network		6	3	51	6
5	Research Papers in Economics		2	6	140	5
6	Smithsonian/NASA Astrophysics Data System*		3	4	539	1
7	Hal CNRS		18	9	5	8
8	Institut National de Recherche en Informatique et en Automatique Archive Ouverte		19	11	26	14
9	CERN Document Server		11	16	40	11
10	MIT Dspace		14	34	7	9
11	École Polytechnique Federale de Lausanne Infoscience		8	14	49	95
12	Agecon Search Research in Agricultural		21	45	4	17

...and an internationally recognized repository.

15 Igitur Archive Universiteit Utrecht

26 60 3 28

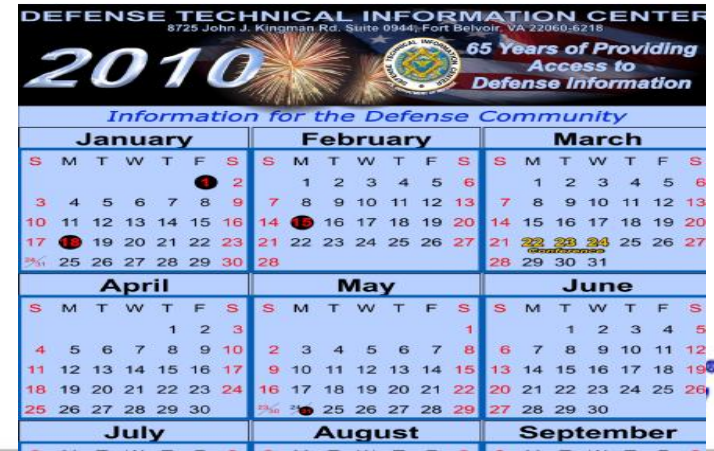


# DTIC Update

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## What progress has been made since the 2009 DTIC Conference? What changes are ahead?

- Registration Improvements
- DTIC Online Enhancements
- DTIC Online Access Controlled Launch & Access
- DoDTechipedia Innovation and Growth
- Outreach & Collaboration
- Administrative News





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# Registration Improvements:

Strengthen Security,  
Make Process Easier for Users,  
and Provide Quicker Access  
To DTIC Collection  
and DoD Resources





# Why Register with DTIC?

- Access more information than available on public side
- Upgrade to classified access possible
- Search ALL DTIC Collections
  - **Public/Access Controlled/ Classified**
- Free downloads of full-text controlled & classified information
- Ability to order documents
- Support from DTIC staff





# CAC Authentication

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## Logon

- Common Access Card (CAC) allows easier access to more DTIC unclassified sites.
- CAC-enabled sites include DoDTechipedia, DTIC Online Access Controlled, Private STINET, TEMS, and the latest, Aristotle
- Individuals without CAC continue to use DTIC USERID & Password for logon.



# Registration Improvements

**New**

- **Common Access Card (CAC) holders are required:**
  - to register for new DTIC account with CAC
  - to update existing DTIC account with CAC
  - to change password with CAC
  - to update profile with CAC
  - to approve as sponsor or security officer with CAC
- CAC holders receive immediate access with CAC registration

**Change: Effective Feb 2010**



# Registration Policy Changes

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- **Federal Government:**

- Extended account renewal period from 1 to 2 years (Effective May 2009)
- Eliminated requirement for supervisor's approval of unclassified access (Effective May 2009)

- **Contractors Registering with CAC:**

- Eliminated requirement for contract number and government sponsor for unclassified access (Effective Feb 2010)
- Immediate access to A, C, D information (Effective Feb 2010)

**A= Public; C= US Govt & Their Contractors; D= DoD & DoD Contractors**



# Expanded Customer Service for Ease of Access

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- **Bulk Registration Service in coordination with groups**
  - Air Force Research Lab: >3,000 (Jan 10)
  - Army Research Development & Engineering Command: >2,500 (Feb 10)
  - Dept. of Homeland Security: >450 (Dec 09)
  - Office of Naval Research: >360 (Feb 09)
- **Contact [reghelp@dtic.mil](mailto:reghelp@dtic.mil) with your request**
- **Use subject line: Bulk Registration Service Request**





# Registration Enhancements

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- **Single registration application for DTIC Online Access Controlled and DoDTechipedia**
  - Contractors registering with CAC do not provide contract number or government sponsor
  - Process uses first name, last name & email address from CAC; not editable to applicant



# Future Registration Enhancements

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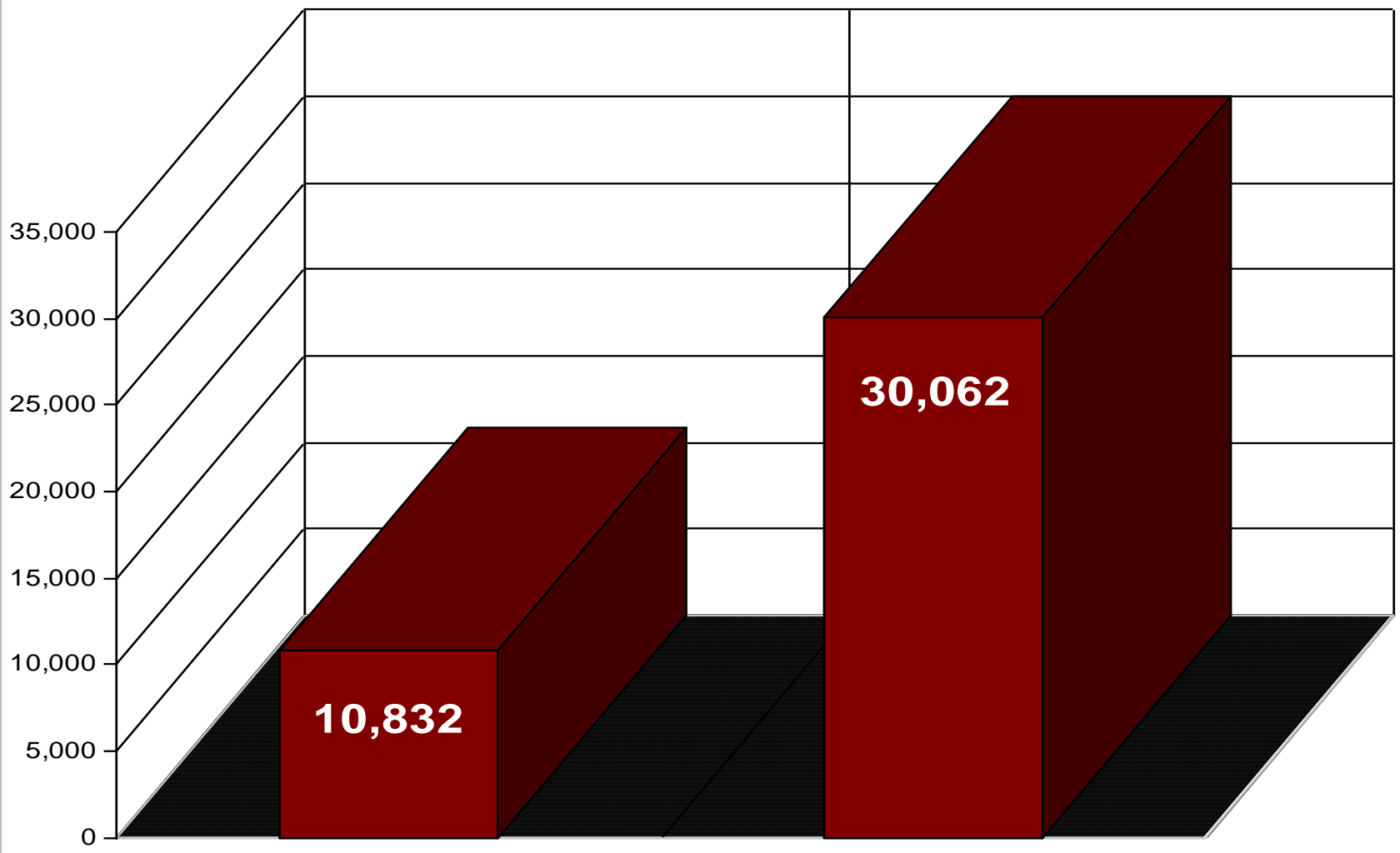
- **Requirements for Existing DoD/Military DoDTechipedia Users:**
  - Update existing DTIC account to match CAC email
  - Change password with CAC
  - Update profile with CAC
  - Approve as sponsor or security officer with CAC

**Hear the “Basics” from the Registration, Reference, & Training Teams.**



# Average Total Registered Users 2008 vs. 2009

DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004



2008

2009

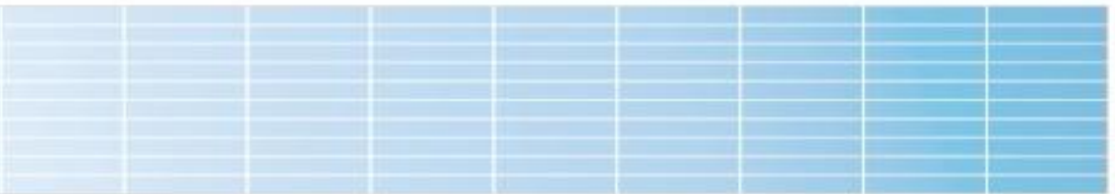


# DTIC Update

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## **DTIC Online – Public: One Site, Many Resources for Public S&T Needs**

**Enhancements Since July 2008**





# DTIC Online Public

## http://www.dtic.mil

DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004



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More Search Options



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### Provider of DoD Technical Information to Support the Warfighter

The Defense Technical Information Center (DTIC®) serves the DoD community as the largest central resource for DoD and government-funded scientific, technical, engineering, and business related information available today .  
Read more ..

### Quick Links

### Announcements



New unmanned aerial system tests advanced missile

The Army's newest and most advanced Unmanned Aircraft System (UAS), the Extended Range/Multi-Purpose (ER/MP) UAS, has successfully completed a series of tests with the HELLFIRE® II UAS ....

Full Story

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Interest Areas



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DTIC 2010 CONFERENCE  
March 22-24, 2010

Celebrating 65 Years of Providing Access to Defense Information

DoDTechipedia







# Public Search Options



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**Search** DoD Sites & Collections

S&T Res. DoD Sites & Collections  
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 Read more ..



Preventive Medicine

Army Spc. Matthew B. Hintermaier sorts through insects caught in a light trap at Forward Operating Base Kalsu, Iraq, July 10, 2009. After sorting the insects, Hintermaier puts the sand flies and mosquitoes into small vials to be sent to Baghdad for disease testing. U.S. Army photo by Pfc. Bethany L. Little  
 Full Story

**Need Support? Contact Us**

**Registration at DTIC**

**Browse DTIC A-Z**

**Interest Areas**

**Search DTIC Collections**

**DoDTechipedia**

**Combatant Commanders WORKSHOP**  
 November 3-4, 2009  
 Tampa, Florida

**Presentations from the DTIC 2009 Conference**

Search options: Join the "Power Searching" session.



# Coming Soon: New Look for DTIC Online

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## Welcome to DTIC:

### Provider of DoD Technical Information to Support the Warfighter

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- [DTIC Online Navigation Guide](#)
- [Employment](#)
- [MultiSearch](#)
- [Technical Difficulties](#)
- [Technical Reports\(formerly Public STINET\)](#)
- [Training](#)

## DoD R&E Success Story



New Process to Drastically Change Programmed Maintenance

The first C-130 Hercules to undergo high-velocity maintenance is scheduled to arrive July 31 at Robins Air Force Base, Ga. (U.S. Air Force photo/Sue Sapp)  
[Full Story](#)







# Leads to Description of Controlled Site and Link

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## DTIC Online Access Controlled

DTIC Online Access Controlled is a gateway to an enhanced collection of Department of Defense (DoD) unclassified, controlled information. This includes science and technology (S&T) and research and engineering (R&E) information. DOAC contains the resources from the former Research and Engineering (R&E) Portal, while providing access to the Total Electronic Migration System (TEMS), Private Scientific and Technical Information Network (STINET) and DoDTechipedia.

You must be eligible to register for DTIC Online Access Controlled.

Registered users can access congressional budget information, DoD S&T planning documents and tools, over two million technical reports, information on research in progress, collaboration opportunities, and numerous other resources. Features include:

- Home page customization
- Shopping cart functionality
- Options for saving and downloading search results
- Common Access Card (CAC) login convenience

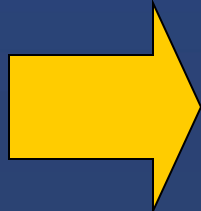
For additional information about DTIC Online Access Controlled, call 1-800-225-3842 or email: [dtic-online@dtic.mil](mailto:dtic-online@dtic.mil). For registration assistance, email: [reghelp@dtic.mil](mailto:reghelp@dtic.mil).

If you are eligible for [DTIC Online Access Controlled](#), proceed to this site now to register or to access the resource with your Common Access Card (CAC) or your DTIC ID/Password.

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### Announcements

- DTIC Scheduled Maintenance
- DoDTechipedia
- DTIC Annual Conference
- DoD Root Certificates
- DoDTechipedia Blog Talk Radio
- DoDTechipedia News Article
- Having Trouble Downloading
- DTIC Online Public Launched
- PDF SBIR Technical Reports Submission Toolkit
- CoCom09





# Access to Registration Link or Logon with CAC or ID/PW

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DTIC Online Access Controlled is the central facility for the acquisition, storage, retrieval and dissemination of scientific and technical information supporting the Research and Engineering needs of the Department of Defense. Maintained by the Defense Technical Information Center (DTIC), a recognized leader in information and knowledge management. This site provides access to DTIC's collections, online subscriptions, R&E Resources and more. To Register with DTIC link to <https://register.dtic.mil/DTIC>.

You are accessing a U.S. Government (USG) Information System (IS) that is provided for USG-authorized use only. By using this IS (which includes any device attached to this IS), you consent to the following conditions:

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- Communications using, or data stored on, this IS are not private, are subject to routine monitoring, interception, and search, and may be disclosed or used for any USG authorized purpose.
- This IS includes security measures (e.g., authentication and access controls) to protect USG interests--not for your personal benefit or privacy.
- Notwithstanding the above, using this IS does not constitute consent to PM, LE or CI investigative searching or monitoring of the content of privileged communications, or work product, related to personal representation or services by attorneys, psychotherapists, or clergy, and their assistants. Such communications and work product are private and confidential. See User Agreement for details.

**Use DoD Common Access Card (CAC) or User ID/Password**

If you are having problems, click [here](#) for help and contact information.

Access to this site requires **registration**.

I agree to the terms of the [User Agreement](#)

- OR -

You are trying to access the following URL:

<https://www.dtic.mil/index.html>



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## Improvised Explosive Devices (IEDs) ADM002281 Winter 2009



In the DoD Dictionary, an improvised explosive device (IED) is a device placed or fabricated in an improvised manner incorporating destructive, lethal, noxious, pyrotechnic, or incendiary chemicals and designed to destroy, incapacitate, harass, or distract. It may incorporate military materials, but is normally devised from non-military components. IEDs are used "as weapons of strategic influence" by our adversaries in Iraq, Afghanistan, and Pakistan. They are the most pervasive threat to coalition forces in Iraq and Afghanistan. Improvised explosives can be classified by delivery mechanisms: vehicle-based, boat-borne, animal-borne, collar bombs, suicide bombers, platter charges, and explosively-formed penetrators. IEDs are triggered by pressure plates, Command Wire IEDs (CWIED), Radio Controlled Improvised Explosive Device (RCIED), cell phone RCEID, Victim-Operated IEDs (VOIED), and passive infrared. IEDs in Iraq are triggered from radio-controlled bombs, while the IED threat in Afghanistan is from wires or pressure plates, a more mechanical means in a more primitive communications infrastructure. Current counter-IED strategy includes identification of the precursors and detection and disarmament of the devices. With the evolution of IEDs triggered by wireless and cyber networks, the challenges of IED defeat continues to be a moving target for military forces worldwide

The DTIC® Review is compiled from recent technical reports in DTIC's database, and the selected documents and bibliography are representative of information available in DTIC's extensive collection. Additional references, including electronic resources, can be found at the end of the volume. Assistance with in-depth

### S&T Resources

DoD Sites & Collections

DoD Wide S&T Search

How to Get It

MultiSearch

S&T Links

Budget & Planning

DTIC Review

Advanced Ceramics

Advanced Energetic Materials

Biomimetics

Biometric Security

Counterinsurgency (COIN)

Energy Supply Alternatives

Human, Social, Cultural and Behavior Modeling

Intelligent Autonomous Vehicles

Improvised Explosive Devices (IEDs)

Non-Lethal Weapons

Pandemics

Shifting Paradigms & Disruptive Technology

Introduction to: "Web 2.0"

Journals

Research in Progress

Standards, Directives, Guidance

Technical Reports

Topic Links





# DTIC Review

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## DTIC Review:

- Features relevant topics
- Published quarterly
- Here's the latest...

## Improvised Explosive Devices (IEDs)

Reports describe both the risks posed and the steps that can be taken to mitigate the threat.





# DTIC MultiSearch: Enhanced Federated Search



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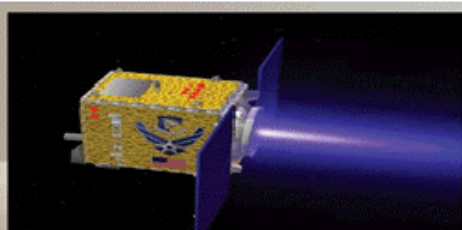
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The Defense Technical Information Center (DTIC®) serves the DoD community as the largest central resource for DoD and government-funded scientific, technical, engineering and business related information available today .

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- [How Do I?](#)
- [MultiSearch](#)
- [Training](#)
- [Technical Reports \(formerly Public STINET\)](#)

### Announcements

### Feedback

MultiSearch – available on DTIC Online Public & Access Controlled; searches more than 460 DoD, federal, commercial & international S&T sources from 50 countries



# Search on MultiSearch Site to Select or De-select Sources



DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004

MultiSearch

Refine Search  New Search  MultiSearch powered by DeepWeb

Your search: **Full Record: nanotechnology and medicine** 134 more results found. 53 of 53 sources complete. [Add results](#)

Results 1 – 25 of 1,058 Sort by: Rank Limit to: All Sources [Source Status](#)

[Your Selections \(6\)](#) [Clear Clippings](#) [Email Results](#) [Session Preferences](#) [Print Page](#)

Clusters

**Nanotechnology** resource].  
Engel, Elisabeth 2008-0  
AGRICOLA Articles Databa

All Results (1056)

Topics

MultiSearch

**Full Record:** nanotechnology and medicine  
Title:   
**Author:**   
Match: All Field(s)  
Date Range: Pick Year to Pick Year

- All Sources
- DTIC - Online Reports Database and Other Resources
- Other DoD -
- Federal Government -
- Online Catalogs -
- Research and Analysis -
- Web Sources - Public

Hear the latest about MultiSearch Alerts and Tabs at "What's Ahead for Searching" session.

## EurekaAlert!

**Nanotechnology:** Will it drive a new innovation economy for the US?  
2009-03-03

The current economic downturn highlights the importance -- and challenges -- of building a new 21st century "innovation economy" for America. To move beyond the current crisis, we need to retain and create advanced ...

[Stimulus debate highlights need for focus on nanotech risks](#)  
2009-02-11

The nearly \$800 billion





# DTIC Update

DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004

## **DTIC Online** **Access Controlled:** **Your DTIC Gateway with Single** **Entry Point to Unclassified,** **Limited Resources**

**Launched Sep 2009**





# DTIC Online Access Controlled

## <https://www.dtic.mil/>

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**Quick Links**

- DTIC Online Public
- Forms & Guides
- IACs
- Quick Navigation Guide
- Tutorials

**R&E Portal - Where Did It Go?**

**Announcements**

This page posts important notices about DTIC. Click [here](#) to go to Announcements!

- DoDTechipedia
- DTIC Annual Conference 2010

**Need Support? [Contact Us](#)**

**Customize Your Home Page**

Start here to customize your interface. Choose categories.

**DTIC Online Access Controlled - Integrates resources for DTIC registered users and allows personal customization.**

**Tutorials available:** Overview, Customize your Home Page, Navigation, and Search

Private STINET (Scientific Network) provides DTIC more complete version of Reports Collection than in Web site including citation and an extensive full text

[Access to Data Control](#)

**TEMS**

The Total Enterprise Information System (TEMS) provides the full online Information scientific and TEMS provide citations and 140,000 documents.

[Access to Data Control](#)

**DoDTechipedia**

enterprise tool focused on technology community. Using a wiki format, DoDTechipedia's goal is to foster

testing. U.S. Army photo by Pfc. Bethany L. Little [Full Story](#) PDF

out customizing DTIC Online [Help](#)

**ASSIST**

Standardization (IST) Online provides information associated with specifications and standards in Defense Standardization by the Department of Defense (DODSSP). This online provides public access to reports over the Internet. Many powerful reporting tools are available. ASSIST is the collection of both documents. ASSIST is the specifications and standards.

[Distribution A](#)



# Customization Options for Your Portal to DoD Resources

DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004



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**Quick Links**

- [DTIC Online Public](#)
- [Forms & Guides](#)
- [IACs](#)
- [Quick Navigation Guide](#)
- [R&E Portal - Where Did It Go?](#)


**Announcements**



Mark your calendars for the DTIC 2009 Conference to be held on 6-8 April at the Hilton Alexandria Old Town, Alexandria, Virginia. More information regarding this conference can be found on the Conference Web site located at <http://www.dtic.mil/dtic/annualconf/2009Home.html>.

[More Announcements ...](#)

**Need Support? [Contact Us](#)**



**DoDTechipedia**



DoDTechipedia is DoD's first enterprise-wide, social-networking tool focused on the science and technology community. Using a

**R&E Database Search**

The [Research and Engineering \(R&E\) Database Search](#) allows you to instrument the data that the Services and Agencies use to manage their operations. It is available on a screen, or you can download the data as it is available in a spreadsheet format.

**Customize Your Home Page**

Start here to customize your interface. Choose one of these content categories.

- [Acquisition](#)
- [General Interest](#)
- [Resource Management](#)
- [Science and Technology](#)

For more information about customizing your home page, see DTIC Online [Help](#)



**These portlets cannot be removed.**

- Quick Links
- Announcements
- Customize Home Page

**Portlets with Xs may be deleted & replaced.**

**DoD Congressional Budget**

Two sites provide information on Congressional Budget changes to the President's Budget Request (PBR).

The [DoD Congressional Budget Data](#) Web site provides PDF and Excel spreadsheet versions of the Congressional Budget reports shortly after they are posted on the [Thomas](#) (Library of Congress) website.





# Customize Your Home Page



DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004



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### Quick Links

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[IACs](#)  
[Quick Navigation Guide](#)  
[Tutorials](#)

### R&E Portal - Where Did It Go?

### Private STINET

Private STINET (Scientific & Technical Information Network) provides DTIC registered users with a more complete version of DTIC's Technical Reports Collection than in the DTIC Online Public Web site including citations to limited document and an extensive full text report collection.

[Access to Data Controlled by Distribution Code](#)

### TEMS



The Total Electronic Migration System (TEMS) provides access to the full online collection of Information Analysis Center (IAC) scientific and technical information. TEMS provides over 1,000,000 citations and 140,000 downloadable full text documents.

[Access to Data Controlled by Distribution Code](#)

### DoDTechipedia



DoDTechipedia is DoD's first enterprise-wide, social-networking tool focused on the science and technology community. Using a wiki format, DoDTechipedia's goal is to foster

### Announcements



This page posts important notices about DTIC.  
Click [here](#) to go to Announcements!

Select one of the categories to start customization process.

Need Support? [Contact Us](#)



### Customize Your Home Page

Start here to customize your interface. Choose one of these content categories.

- [Acquisition](#)
- [General Interest](#)
- [Resource Management](#)
- [Science and Technology](#)

For more information about customizing your home page, see [DTIC Online Help](#)



### ASSIST

[Acquisition Streamlining & Standardization Information System \(ASSIST\)](#) Online provides access to current information associated with military and federal specifications and standards in the management of the Defense Standardization Program (DSP). Managed by the Department of Defense Single Stock Point (DODSSP), Philadelphia, ASSIST-Online provides public access to standardization documents over the Internet. ASSIST-Online includes many powerful reporting features and an exhaustive collection of both digital and warehouse documents. ASSIST is the official source of DOD specifications and standards.

[Distribution A](#)



### Preventive Medicine

Army Spc. Matthew B. Hintermaier sorts through insects caught in a light trap at Forward Operating Base Kalsu, Iraq, July 10, 2009. After sorting the insects, Hintermaier puts the sand flies and mosquitoes into small vials to be sent to Baghdad for disease testing. U.S. Army photo by Pfc. Bethany L. Little [Full Story](#)



# Select and Add Favorite Resources to Your Home Page

DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004

▼ [Expand All](#) ▶ [Collapse All](#)

## ▶ Acquisition

## ▼ General Interest

**ASSIST**  
Acquisition Streamlining & Standardization Information System (ASSIST) provides access to current information associated with military and federal specifications and management of the Defense Standardization Program (DSP).

**AULIMP**  
The Air University Library's Index to Military Periodicals (AULIMP) is a subject index to significant articles, news items, and editorials from English language military and periodicals. The Index contains citations since 1988.

**British Library**  
The British Library's journal and conference proceedings collection provides access to a wide range of scientific, technical, and operational warfare, and operations other than war.

**DoD Strategic Documents**

**DoDTechipedia**  
DoDTechipedia is DoD's first enterprise-wide, social-networking tool focused on technical information.

**DTIC Review**  
The DTIC Review brings its readers the full-text of selected technical reports and documents from a DTIC collection on a specific topic of current interest.

**DTIC SBIR/SSTR Human Systems and Biomedicine Web Site**  
The DTIC Small Business Innovation Research/Small Business Technology Research searches for all topics in these two subject areas from FY04 to Present.

**EBSCO Academic Search**  
EBSCO Academic Search Complete is a database of articles and article citations from a wide range of academic subjects.

**IACs**  
Information Analysis Centers (IACs) are research and analysis organizations that support program managers with expertise in all areas of Defense research and development.

**JDEIS**  
The Joint Doctrine, Education and Training Electronic Information System (JDEIS) provides access to a wide range of electronic information, including doctrine, education, training and related information.

**Knovel Library**  
The Knovel Library combines authoritative reference content from major Sci-tech publishers including John Wiley & Sons, McGraw-Hill and Elsevier. This data is enhanced with analytical tools to help analyze and manipulate the data.

**SCAMPI**  
Staff College Automated Military Periodicals Index to Military Periodicals, science, operational warfare, and operations other than war.

**STCR Activities Calendar**  
The Reliance 21 Science & Technology Collaborative Activities Calendar.

**Tools**  
Links to DTIC Tools

**TopicLINKS**  
TopicLINKS is a gateway to scientific and technical information.

**Wisconsin Project Risk Report**  
The Wisconsin Project on Nuclear Arms Control and Arms Control Site provides DTIC Online Bibliography and Risk Report contains unclassified information about nuclear arms control.

▶ **Resource Management**

▶ **Science and Technology**



# DTIC Online Access Controlled: Private STINET Portlet

### Quick Links

[DTIC Online Public Forms & Guides](#)  
[IACs](#)  
[Quick Navigation Guide](#)  
[Tutorials](#)

### R&E Portal - Where Did It Go?

#### Private STINET

Private STINET (Scientific & Technical Information Network) provides DTIC registered users with a more complete version of DTIC's Technical Reports Collection than in the DTIC Online Public Web site including citations to limited documents and an extensive full text report collection.

[Access to Data Controlled by Distribution Code](#)

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The [Total Electronic Migration System \(TEMS\)](#) provides access to the full online collection of Information Analysis Center (IAC) scientific and technical information. TEMS provides over 1,000,000 citations and 140,000 downloadable full text documents.

[Access to Data Controlled by Distribution Code](#)

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[DoDTechipedia](#) is DoD's first enterprise-wide, social-networking tool focused on the science and technology community. Using a wiki format, DoDTechipedia's goal is to foster

### Announcements



This page posts important notices about DTIC. Click [here](#) to go to Announcements!

- [DoDTechipedia](#)
- [DTIC Annual Conference 2010](#)
- [DoD Root Certificates](#)

**Need Support? [Contact Us](#)**

### Customize Your Home Page

Start here to customize your interface. Choose one of these content categories.

Link to Private STINET to search the TR collection, RS, and IRD databases.



#### Preventive Medicine

Army Spc. Matthew B. Hintermaier sorts through insects caught in a light trap at Forward Operating Base Kalsu, Iraq, July 10, 2009. After sorting the insects, Hintermaier puts the sand flies and mosquitoes into small vials to be sent to Baghdad for disease testing. U.S. Army photo by Pfc. Bethany L. Little [Full Story](#)

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# DTIC Online Access Controlled: TEMS Portlet

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SEARCH DoD Sites & Collections [input] GO More Search Options View Shopping Cart

### Welcome to DTIC

The Defense Technical Information Center (DTIC) is the PREMIER provider of DoD technical information. DTIC is a DoD Field Activity under the Under Secretary of Defense for Acquisition, Technology and Logistics, reporting to the Director, Defense Research and Engineering (DDR&E).

### Announcements



This page posts important notices about DTIC.

Click [here](#) to go to Announcements!

- [DoDTechipedia](#)
- [DTIC Annual Conference 2010](#)
- [DoD Root Certificates](#)

**Link to TEMS to search IAC documents.**

### TEMS



The Total Electronic Migration System (TEMS) provides access to the full online collection of Information Analysis Center (IAC) scientific and technical information. TEMS provides over 1,000,000 citations and 140,000 downloadable full text documents.

[Access to Data Controlled by Distribution Code](#)

Need Support? [Contact Us](#)



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Start here to customize your interface. Choose one of these content categories.

- [Acquisition](#)
- [General Interest](#)
- [Resource Management](#)
- [Science and Technology](#)

For more information about customizing your home page, see DTIC Online [Help](#)



### R&E Database Search

The Research and Engineering (R&E) Database Search allows you to interrogate the data that the Services and Agencies submitted for the FY2006 and FY2007 DoD E-Gov Data Calls. In addition to the parameters you choose on the query screen, the search is limited by the

### Private STINET

Private STINET (Scientific & Technical Information Network) provides DTIC





# DTIC Online Access Controlled: DoDTechipedia Portlet

### Quick Links

- [DTIC Online Public Forms & Guides](#)
- [IACs](#)
- [Quick Navigation Guide](#)
- [Tutorials](#)

### R&E Portal - Where Did It Go?

### Private STINET

Private STINET (Scientific & Technical Information Network) provides DTIC registered users with a more complete version of DTIC's Technical Reports Collection than in the DTIC Online Public Web site including citations to limited documents and an extensive full text report collection.

Access to Data Controlled by Distribution Code

### DoDTechipedia



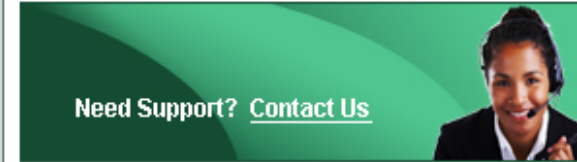
DoDTechipedia is DoD's first enterprise-wide, social-networking tool focused on the science and technology community. Using a wiki format, DoDTechipedia's goal is to foster communication and collaboration among DoD scientists, researchers, program managers, acquisition professionals and warfighters that results in greater capability and more rapidly implemented solutions being deployed to the warfighter.

### Announcements



This page posts important notices about DTIC. Click [here](#) to go to Announcements!

- [DoDTechipedia](#)
- [DTIC Annual Conference 2010](#)
- [DoD Root Certificates](#)



Need Support? [Contact Us](#)

### Customize Your Home Page

Start here to customize your interface. Choose one of these content categories.

For ease of access, have the DoDTechipedia portlet on your home page.



izing help

ASSIST

[Acquisition Streamlining & Standardization Information System \(ASSIST\)](#) Online provides access to current information associated with military and federal specifications and standards in the management of the Defense Standardization Program (DSP). Managed by the Department of Defense Single Stock Point (DODSSP), Philadelphia, ASSIST-Online provides public access to standardization documents over the Internet.

SEARCH **DoD Sites & Collections** ▼ aircraft and stealth **GO**

- DoD Sites & Collections**
- Technical Reports
- Research in Progress
- DTIC Web Site
- MultiSearch

**More Search Options**



**View Shopping Cart**



**Announcements**

Mark your calendars for the DTIC 2009 Conference to be held on 6-8 April at the Hilton Alexandria Old Town, Alexandria, Virginia. More information regarding this conference can be found on the Conference

Web site located at

<http://www.dtic.mil/dtic/annualconf/2009Home.html>.

More [Announcements](#) ...

**DoD R&E Success Story**



**A160 Hummingbird UAV**

The A160 program will exploit a hingeless, rigid-rotor concept operating at the optimum rotational speed to produce a vertical take-off and landing (VTOL).

**What's included in this search?**

- DoD Sites & Collections - searches DoD Web sites and all DTIC collections
- Technical Reports - searches DTIC's TR collection and IAC documents
- Research in Progress - searches databases; e.g., Egov and Research Summaries, describing current DoD research
- DTIC Web Site - searches DTIC Online for products and services
- MultiSearch - searches more than 50 DoD, federal, commercial and international S&T sources

**Search categories from banner search.**

**Join "Searching S&T Resources in DTIC Online AC."**





- DoD Sites & Collections: select/de-select all
- Services and Agencies
  - Service Organizations
    - Army - army.mil and related U.S. Army Web Sites
    - Navy - navy.mil and related U.S. Navy Web Sites
    - Air Force - af.mil and related U.S. Air Force Web Sites
    - Marines - usmc.mil and related U.S. Marine Web Sites
    - Coast Guard
    - JCS & Combatant Commands
  - Agencies
- DoD Wide Science & Technology Web Sites
  - DoD Labs
  - Other DoD
  - DTIC Web Site
- Technical Reports
  - [Technical Reports](#)
  - TEMS
- Search Tools
  - Corporate Source
  - DTIC Thesaurus
- Journal Articles & Conference Proceedings
  - The Air University Library's Index to Military Periodicals (AULIMP)
  - Defense Energy Security
  - National Defense Industrial Association Conference Proceedings
  - Staff College Automated Military Periodicals Index

CSA ILLUMINA  
Here, There, and Everwhere... Arsenic, an Abundant Natural Poison  
Please log in to My Research  
0 Marked Records | Search History  
Help & Support

Logout Quick Search Advanced Search Search Tools

Search

Search Tips: All fields are being searched.  
For best results, use AND between terms, wildcard\*, or "exact phrase"

New Selected: Multiple Databases (hide)  
COS Funding  
COS Scholar

Change: Subject Area

Date Range: Earliest to Current

DTIC Private STINET (Scientific & Technical Information Network)

Home Collections Find It Contact Us Help

Cross-DB Search View Saved Searches View Orders Shopping Cart

**\*\*Important information about Saved Searches and the Descriptor Hierarchy Search\*\***

Technical Reports Quick Search Guided Search Advanced Search  
Search Language Search Tips Fields Corporate Source Hierarchy Thesaurus

Enter words or phrases in the fields you wish to search. If you enter terms in more than 1 field, they will be joined by the "AND" operator. The results set will contain citations that meet the criteria for all fields entered.

Limit search to only those technical reports that have Full Text links available:

All Fields  
Accession Number (A)  
Title  
Personal Author

Optional Search Parameters  
Make a selection from the results  
Report Date Range: 2008  
Limit by User Profile or Distribution Limitation

Display Options:

DTIC NDIA

Conference Proceedings

2009 2008 2007 2006 2005 2004 2003 2002 2001 2000

2008

- 8th Annual CDM Technology Conference & User Group, 18 - 20 November 2008
- 12th Annual Small Business Conference, 12- 13, November 2008

More Search Options:

- Resource name links to either a content site or a search page.
- Links to a description of the resource.



# Congressional Budget Data

## Learn about “Essential Budget Resources” on 24 March

DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004

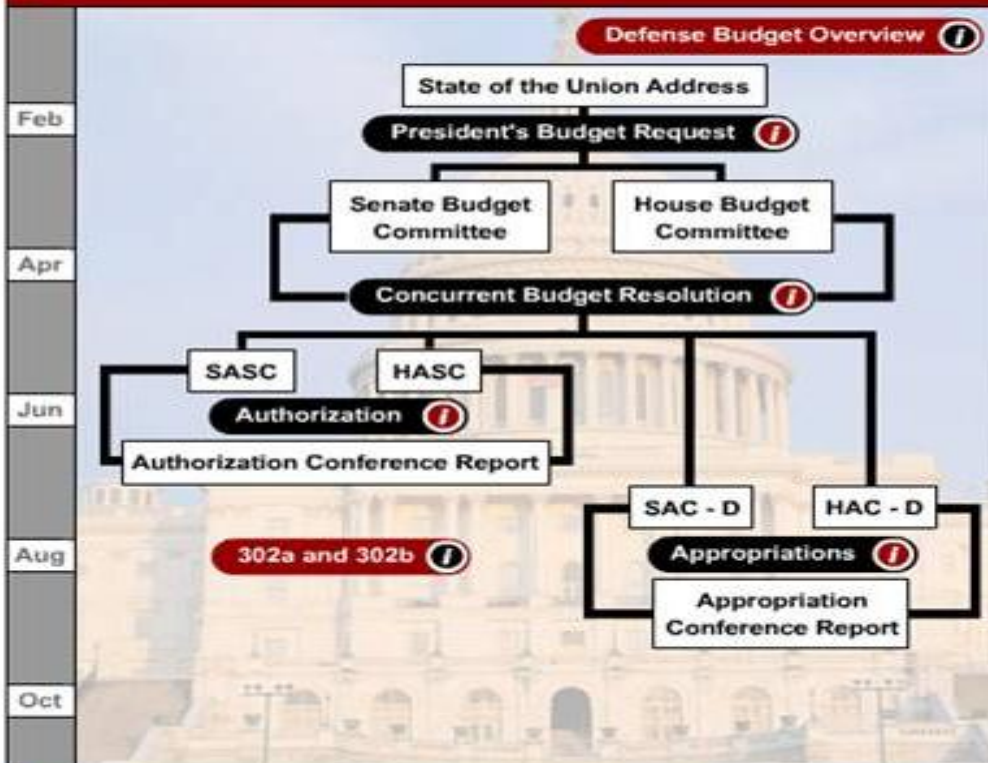
### Congressional Query Site

#### Presidential Budget Request (PBR) Process



▶ [PLAY FLASH TUTORIAL](#)

[Related Links](#)



#### [Search/Queries \(All Years\)](#)

[FY2008 Reports](#) [FY2007 Reports](#) [FY2006 Reports](#) [FY2005 Reports](#)

#### FY2007 Reports

##### Authorization Reports (PDF)

- [HASC 109-452](#) [RDT&E-only](#)
- [SASC 109-254](#) [RDT&E-only](#)
- [Authorization Conference Report 109-702](#) [RDT&E-only](#)

##### Appropriations Reports (PDF)

- [HAC 109-504](#) [RDT&E-only](#)
- [SAC 109-292](#) [RDT&E-only](#)
- [Appropriations Conference Report 109-676](#) [RDT&E-only](#)

##### RDT&E Congressional Mark-up Tables

- [PBR](#) Excel format - [IE](#), [Netscape](#)
- [HASC](#) Excel format - [IE](#), [Netscape](#)
- [SASC](#) Excel format - [IE](#), [Netscape](#)
- [Authorization Conference Report](#) Excel format - [IE](#), [Netscape](#)
- [HAC](#) Excel format - [IE](#), [Netscape](#)
- [SAC](#) Excel format - [IE](#), [Netscape](#)
- [Appropriations Conference Report](#) Excel format - [IE](#), [Netscape](#)

[Security Notice](#)

### More Search Options

#### Field Specific Search

**Full Record:**

**Title:**

**Author:**

#### Options

Sort by:

Display:  search results per page

Summary:  On  Off

Turn on search-term highlighting

- DoD Sites & Collections: select/de-select
- Services and Agencies
  - Service Organizations
    - Army - army.mil and related U.S. Army Sites
    - Navy - navy.mil and related U.S. Navy Sites
    - Air Force - af.mil and related U.S. Air Force Sites
    - Marines - usmc.mil and related U.S. Marine Corps Sites
    - Coast Guard

**• Only documents from the Technical Reports (STINET) collection can be ordered.**

**• You must be registered with DTIC and have a User Code to order documents.**





# What's Ahead for DTIC Online Public and/or Access Controlled?

## Goals and Wish List for DTIC Online

1. Display number of documents searched
2. **DTIC Query Language (DQL)**
3. Field Searching
4. Advanced Search Page
5. Hierarchy Searching
6. Searching PDFs
7. Searching DoDTechipedia (DTIC Online AC only)
8. **Document Ordering** (DTIC Online AC only)
9. Full-text links (DTIC Online AC only)
10. Bibliographies (DTIC Online AC only)
11. Saved & Scheduled Searches (DTIC Online AC only)
12. Display Formats (DTIC Online AC only)
13. Sorting
14. Semantic Search

**Note: These goals are NOT in order of priority or deployment.**

**Some, such as DQL & the Shopping Cart, are in process.**

**Join "What's Ahead for DTIC Searching."**

# DTIC Online

## Three Levels of Access

**Public Site**

**Controlled Access Site**

**SIPRNet Site**

**Public Site  
SIPR**

**Products**

DTIC Public Homepage  
DTIC Search Page  
Public STINET  
Community Managers  
Public Resources

R&E Portal  
TEMS (IACs)  
Private STINET  
Community Managers  
Public & Controlled Resources

Classified STINET  
Classified TEMS  
Community Managers

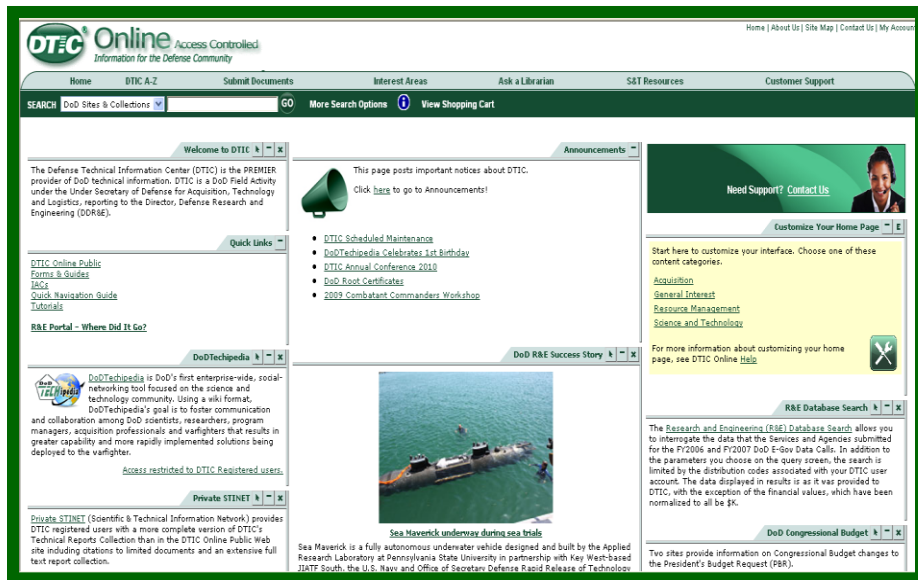
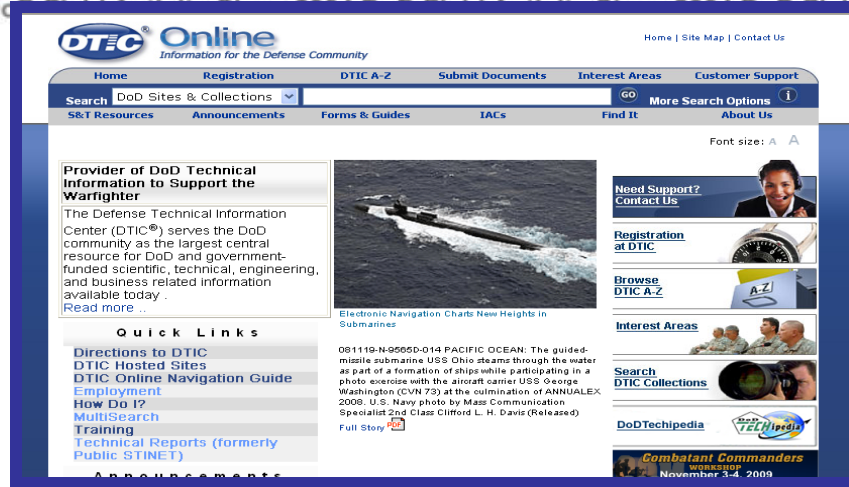


# DTIC Collections Retain Same Color Pattern for Security


DoD Field Activity Since 2004 DoD Field Activity Since 2004 Do

Activity Since 2004

Access to the DTIC Collections – Public, Access Controlled, and Classified



UNCLASSIFIED



UNCLASSIFIED

## STINET

(Scientific & Technical Information Network)

Home Collections Find It Contact Us Help

The [Defense Technical Information Center \(DTIC\)](#)'s Scientific and Technical Information Network (STINET) Service helps the DOD community access pertinent scientific and technical information to meet mission needs more effectively.

[Private STINET](#) is an unclassified expansion of this STINET site on the Internet which also includes the following:

- limited distribution citations and full text reports.
- Active and inactive Research Summaries (RS) from 1965 to present.
- A language translator.
- Access to the British Library's **inside web**
- Canada Institute for Scientific and Technical Information's CISTI Source.
- ProQuest's Research Library Complete

[About STINET](#)  
[What's New](#)  
[Technical Reports](#)  
[RDDS](#)  
[Special Collections](#)  
[MCTL](#)  
[SATCOM Standards](#)  
[Other Resources](#)  
[Ordering Documents](#)  
[Change Password](#)





# Last Year of Private STINET and TEMS as Separate Collections

DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004

## Saved Searches

- Review **Saved Searches** in Private STINET.
- Save favorites in Word files before the conversion of Private STINET to a new search.
- You will not be able to access your STINET or TEMS saved searches after the DTIC Online Access Controlled integration is complete.
- Contact DTIC staff at [dtic-online@dtic.mil](mailto:dtic-online@dtic.mil) if you have any questions or need assistance.



# New Listserv for Users

DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004

## DTIC Online News

- **New listserv, DTIC Online News**, released when DTIC Online Access Controlled was launched, Sep 2009.
- Replaced Private STINET News.
- Your listserv registration is automatic with your DTIC registration.
- Watch for postings about enhancements.



# New Email Address for Assistance

DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004

## DTIC-Online Help

- New **DTIC-Online Help** email address implemented with DTIC Online Access Controlled.
- [dtic-online@dtic.mil](mailto:dtic-online@dtic.mil) replacing [private-stinet@dtic.mil](mailto:private-stinet@dtic.mil) and [stinet@dtic.mil](mailto:stinet@dtic.mil)
- Use address to request assistance when searching DoD and DTIC databases.



# 1<sup>st</sup> Birthday Celebration of S&T Wiki, Oct 2009

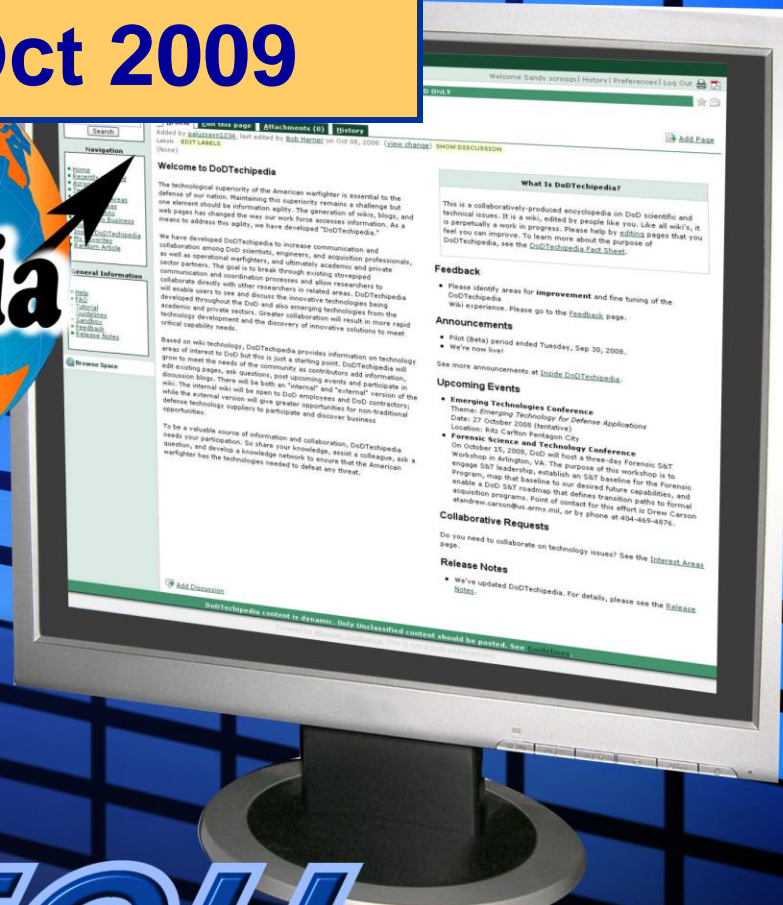


**"Improving collaboration requires a shift in our ideas,  
our values, our behaviors and our processes,"**

**The Honorable John Young, Jr.,  
Undersecretary of Defense for Acquisition, Technology and Logistics**

**The generation of wikis, blogs, and  
Web pages has changed the way our  
work force accesses information  
The answer?**

# DoD TECHIPEDIA!





**UNCLASSIFIED ONLY**

DoDTechipedia is open to DoD, Federal agencies and contractors for broad collaboration. Do not post: DoD Only, company proprietary, acquisition sensitive, Privacy Act, or other information not appropriate for this audience. DoD does not warrant the accuracy or effectiveness of information posted. Opinions expressed are not official. See [Guidelines](#).

Search

### Navigation

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- [Terminology](#)
- [Technology Areas](#)
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- [Organizations](#)
- [Countries](#)
- [How to Do Business](#)
- [Related Resources](#)
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## Welcome to DoDTechipedia

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Added by [paluzsayn1234](#), last edited by [Ashley Gohl](#) on Oct 1, 2011  
TinyLink (useful for email): <https://www.dodtechipedia.mil/do>

Labels [EDIT LABELS](#)  
(None)

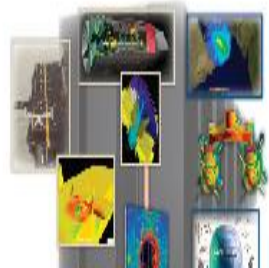
**DoDTechipedia** is a collaboratively-produced encyclopedia on DoD scientific and technical issues. It is a work in progress, available to be edited by you and others.



**THANKS TO YOU**  
In just one year, we've grown to:  
**1,000+ new pages   9,000+ users   250,000+ page views**

## Feature Article: Computational Science and Technology

**Computational Science** involves using computers for simulation of numerical and mathematical models to find solutions to scientific and engineering problems. Similar to how an architect generates a blueprint before constructing a building, computational science helps engineers and designers develop a clear understanding or "blueprint" for the



**DTIC Online Access Controlled** provides a gateway to DoD unclassified, controlled science and technology and research and engineering documents.

You can also find links to additional resources on the [Related Resources](#) page.

### General Information

- [Security and Privacy](#)



# STEM (Science, Technology, Engineering & Mathematics)

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## STEM (Science, Technology, Engineering and Mathematics)

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Added by [Phyllis Bell](#), last edited by [Ashley Gohl](#) on Sep 23, 2009 ([view change](#))

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Labels [EDIT LABELS](#)

(None)

STEM refers to the areas of science, technology, engineering, and mathematics. STEM initiatives started as a way to promote education in these related areas so that students would be prepared to study STEM fields in college and pursue STEM-related careers. Schools with a strong emphasis on STEM education often integrate science, technology, engineering, and mathematics into the entire curriculum. <sup>[1]</sup>

American ingenuity, built on a foundation of science and engineering, has led our country to the forefront of innovation and discovery in the 19th and 20th centuries and has changed the basis of our economy. In the 21st century, scientific and technological innovations have become increasingly important as we face the benefits and challenges of both globalization and a knowledge-based economy. To succeed in this new information-based and highly technological society, all students need to develop their capabilities in STEM to levels much beyond what was considered acceptable in the past. A particular need exists for an increased emphasis on technology and engineering at all levels in our Nation's education system.

Business and industry leaders, governors, policy makers, educators, higher education officials, and our national defense and security agencies have repeatedly stated the need for efforts to reform the teaching of STEM disciplines in the Nation so that the United States will continue to be competitive in the global, knowledge-based economy. Many reports have spoken to this growing crisis over the past 25 years. <sup>[2]</sup>

For our nation to remain a leader in scientific advancement and technological innovation, we must strengthen America's schools. The Enhancing Science, Technology, Engineering, and Mathematics Education Act (E-STEM) of 2009, H.R. 2710 provides the support for the education and skills necessary for students to compete in today's global economy and to understand increasingly complex issues. <sup>[3]</sup>

The United States National Academies have expressed their concern about the declining state of STEM education in the United States. Its Committee on Science, Engineering and Public Policy developed a list of actions federal policy makers could take to advance stem education in the United States to compete successfully in the 21st century.

### Contents

- [REPORTS](#)
- [JOURNALS](#)
- [REFERENCES](#)

### Related Blog

**Thursday, October 15, 2009**

**DOD to Award SMART Scholarships Worth \$45 Million**

Last changed Oct 15, 2009 09:37 by [Phyllis Bell](#)

Search

Go

### Navigation

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# Who Has Access to DoDTechipedia?

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- U.S. Federal Government employees and their contractors
- Registration available online
- Contact [dodtechipedia@dtic.mil](mailto:dodtechipedia@dtic.mil)
- Access to wiki with ID / Password used for other DTIC resources (e.g., Private STINET) or CAC (Common Access Card)
- If you are eligible for the **unclassified, controlled site**, go to <https://www.dodtechipedia.mil>.
- Federal Government wide discussion
- No acquisition sensitive information; no proprietary data





# DoDTechipedia

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- **DoDTechipedia Enhancements**

- Make it easier to find information, share what you know and personalize your profile
- Webinars available for convenient training
- Several online tutorials about using the wiki; new tutorial coming soon

- **You asked; we listened:**

- Two DoDTechipedia areas were renamed
  - Interest Areas is now Technology Challenges
  - Technology Areas is now Technology Discovery



# News about DoDTechipedia

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- **Listserv** postings have current announcements
- **eNewsletter** features highlights about topics, enhancements, calls for Gardeners, and the release of Tutorials



Join the DoDTechipedia session.





# DTIC Online Unclassified on SIPRNET

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- Unclassified site available to all SIPRNET users (No registration)
- Links to login for **Classified STINET**
  - DTIC registration required
  - Complete collections: Tech Reports & Research Summaries
- Links to login for **Classified TEMS** with IAC docs
  - DTIC Registration required
- Links to **DoDTechipedia SIPRNET**
  - Collaborate in SIPR environment

- <https://www.DoDTechipedia.smil.mil>
- Includes S&T Integrated Priority List (STIPL) for Combatant Commands
- <http://www.dtic.smil.mil>

DTIC Online  
Information for the Defense Community

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S&T Resources Announcements Forms & Guides IACs Find It More Search Options About Us

Font size: A A

**Provider of DoD Technical Information to Support the Warfighter**

The Defense Technical Information Center (DTIC®) serves the DoD community as the largest central resource for DoD and government-funded scientific, technical, engineering, and business related information available today.

Read more ...

**Quick Links**

Announcements

Feedback

**ES Detection of LPI Periscope Detection Radar**

ES Detection of LPI Periscope Detection Radar

Abstract addresses a novel cross-band radar detection and identification technique for detecting and identifying low probability of intercept (LPI) and advanced waveform ... Full Story

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Interest Areas

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DoDTechipedia

DTIC 2009 Conference April 6-8, 2009

DEFENSE TECHNICAL INFORMATION CENTER  
8725 John J. Kingman Road, Fort Belvoir, VA 22060-6218



# DefenseSolutions.gov: DoD Portal for Ideas

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DEFENSE SOLUTIONS.GOV

## The U.S. Department of Defense New Idea Portal

A Part of the [DoDTechipedia Suite of Services](#)

Search:



### Propose an Idea

Funding decisions fast: DoD's new idea portal

The U.S. Department of Defense (DoD) is looking for a few really good ideas—concepts that have the potential to advance our military's missions. This program focuses on the development of leading edge, research-oriented technology culminating in the assembly of a pre-acquisition prototype or multiple prototypes suitable for field testing.

DefenseSolutions.gov is a portal through which innovative companies, entrepreneurs, and research organizations can offer potential solutions to the DoD needs. Although anyone can submit an idea, this portal, and the team behind it, primarily are designed to encourage companies to participate that have never considered doing business with the DoD.

Use this portal to submit your ideas and get an initial response in less than 30 days. For the time being, we can accept ideas in only one theme area, but new themes will be added. To begin the submission process for a current theme, click on the theme below, or join our e-mail list and we will

### Find Out More

Different ways to do business with DoD

DefenseSolutions.gov is a portal through which innovative companies, entrepreneurs, and research organizations can offer potential solutions to the Department of Defense. This portal, and the team behind it, are designed to encourage companies that have never considered doing business with DoD to participate.

Our process depends on direct communication with you when you submit an idea that is attractive in an area where we need a solution. The review process is continuous to avoid internal delays in decisions and review. [More »](#)



# 107 Total Ideas Received; 41% from Non-traditional Sources



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Use this portal to submit your ideas and get an initial response in less than 30 days. For the time being, we can accept ideas in only one theme area, but new themes will be added. To begin the submission process for a current theme, click on the theme below, or join our e-mail list and we will notify you when other topics are added.

Our process depends on direct communication with you when you submit an attractive idea in an area needing a solution.

 [Click here to see how your intellectual property rights remain intact.](#)

YOUR IDEAS  
ARE  
PROTECTED.

## Themes Accepting Offers:

Click button to submit your idea or solution. [Click link](#) for more information.

**FORENSICS**  
BATTLEFIELD FORENSICS

[About Battlefield Forensics](#)

 [How is my idea is reviewed? Click here to find out.](#)

## Awards:

Click [here](#) for a listing of awards made.

## Join Our Mailing List :

area where we need a solution. The review process is continuous to avoid internal delays in decisions and review. [More »](#)

MORE ABOUT  
OTHER DoD RESOURCES

## NII/DoD CIO

### Industry Outreach and Partnership

The Industry Outreach and Partnership Team in the Office of the Assistant Secretary of Defense for Networks and Information Integration / DoD Chief Information Officer (NII/DoD CIO) is the first stop for vendors, educational institutions, Federally Funded Research and Development Centers (FFRDCs), Labs, and others looking to make their Information Technology/National Security Systems (IT/NSS) and Information Assurance (IA) products, services and capabilities solutions known.

Once you have submitted your information using the link to the form below, the Industry Outreach and Partnership Team will review and route your product or service information to the appropriate NII/DoD CIO Point of Contact for follow up. We use a structured process in order to provide responses to all submitters in a timely fashion.

NII/DoD CIO Connect

IA Connect





# White House Announcement on Open Government Initiative

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the WHITE HOUSE PRESIDENT BARACK OBAMA



the BRIEFING ROOM

ISSUES

the ADMINISTRATION

ABOUT the WHITE HOUSE

## Open Government Initiative - Transparency, Participation, Collaboration

About Open Government | Innovations Gallery | Open Government Blog

LEARN MORE AT OSTP: From the Inbox | Listening Sessions

### OPEN GOVERNMENT INNOVATIONS GALLERY

#### DoDTechipedia

Department of Defense

Using Wikis to Rapidly Deliver Technology Innovation to the Military



DEFENSE SOLUTIONS .gov

#### The U.S. Department of Defense New Idea Portal

An Official Website of the Department of Defense

Search:



#### Propose an Idea

Funding decisions fast: DoD's new idea portal

#### Find Out More

Different ways to do business with DoD



# White House Announcement: DoDTechipedia (May 2009)

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## The Challenge

The Department of Defense needs to improve its ability to make existing science and technology (S&T) investments accessible and discoverable by Department decision makers. They also need to dramatically improve their ability to keep pace with the vast innovation occurring in industry.

## The Solution

By bringing experts and expertise together in both government and industry, DoDTechipedia is making information transparency a reality in finding internal and external technology innovations that address the Department's capability needs. The DoDTechipedia Family of Services utilizes a wiki-based approach to foster collaboration between the S&T community and the military services and combatant commands. The Department of Defense is also fostering government and industry collaboration to improve overall technology awareness, and is experimenting with innovative procurement approaches that leverage the innovation of industry in addressing immediate military needs.

DoDTechipedia Family of Services currently has 4 Components: DoDTechipedia Limited for internal collaboration on key technologies and our existing S&T investments; a classified version of DoDTechipedia; DefenseSolutions.gov which allows entrepreneurs in industry and academia an easy way to get innovative solutions funded; and a future public version of DoDTechipedia, which, consistent with the framework and guidelines of National Security, will enable informal collaboration between government S&T personnel, large and small companies, research organizations and sole proprietors with emerging technologies and products.

## The Benefit

DoDTechipedia levels the playing field to ensure that everyone with good ideas, even if they have never worked with the Department of Defense, can share them with decision makers. In addition, DoDTechipedia ensures that Combatant Commands have access to the information they need from the science and technology community to make the best investment decisions. This helps keep both our soldiers and the American people more safe.

## Additional Details

DoDTechipedia Limited, which launched in October, 2008, now has over 6400 registrants who have logged over 150,000 page views while creating 30 separate blogs and more than 900 technology area, interest area and organization pages. DefenseSolutions.gov has received 37 innovative ideas on its initial theme area, six of which are now being considered for funding.



# Government Computer News (GCN) Award, Oct 2009

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"The annual GCN Awards honor agencies for their outstanding achievements in the application of information technology to advance their work and the services they provide. The 2009 agency winners are now part of a tradition of innovation, excellence, and service. We congratulate them for their extraordinary work and their continued dedication to better serving the public sector."

- GCN Editor-in-Chief Wyatt Kash

## 2009 Agency Award Winners included:

Rapid Reaction Technology Office (RRTO), Director,  
Defense Research & Engineering (DDR&E), **Defense  
Technical Information Center (DTIC)**, Department of  
Defense Chief Information Officer - **DoD Techipedia  
Team for the DoDTechipedia Suite of Services**



New

# Aristotle

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Administration | Home | About Us | Site Map | Contact Us | My Account

Home DTIC A-Z Submit Documents Interest Areas Ask a Librarian S&T Resources Customer Support

**Aristotle**

Search... **GO**

People Projects Topics

Sort by Relevance

Actions List Pad **Hide**

File Edit View Search Account Help

Sign Out... Bruce Gilbert

History Bruce Gilbert

## Aristotle Today

Aristotle upgraded to v2.0 with new features and fixes for this release!

### Recent Changes

- My DoDTechipedia Home Page : New link: Written by Bruce Gilbert
- My DoDTechipedia Home Page : 2 new links

### Inside DTIC

**Most Actively Linked**

- Graphic Survey of Radio and Radar Equipment Use... : Has subject 62 new topics this week
- Graphic Survey of Radio and Radar Equipment Use... : Involves 62 new topics this week
- Scratch list for Alton Hoover : Contains 37 new items this week

**New Items**

- PeoplePoint Systems, Inc. Web Site
- Aristotle - A Social Networking Solution Designed an...
- Alton Hoover - Publications List

**Most Connected**

People: Arje Nachman - 693

craig christian - 624

Projects: Iraq: Post-Saddam Governance an... - 152

Measuring Stability and Security in... - 125





# What Is Aristotle?

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- ***A new DTIC product in Beta Testing***
- **A Web-based social networking tool similar to LinkedIn, MySpace or Facebook**
- **A “Professional” social networking tool designed for the DoD Science and Technology community**
- **A way to extend your professional network across the DoD S&T Community**
- **A tool organized in the following categories: People, Projects, Topics and Documents.**



# Aristotle Training

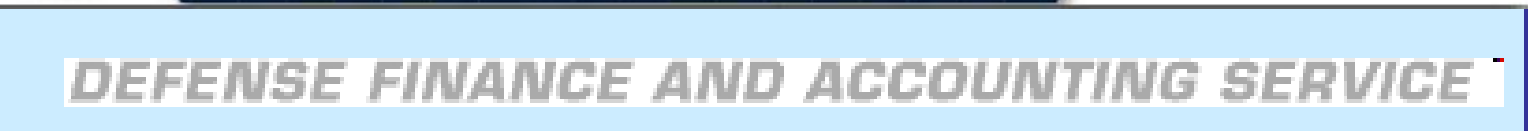
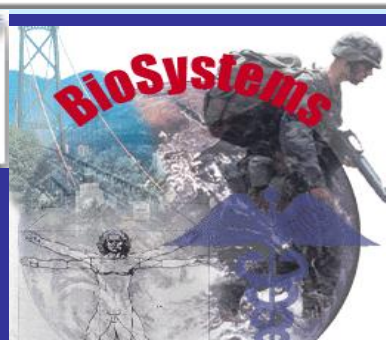
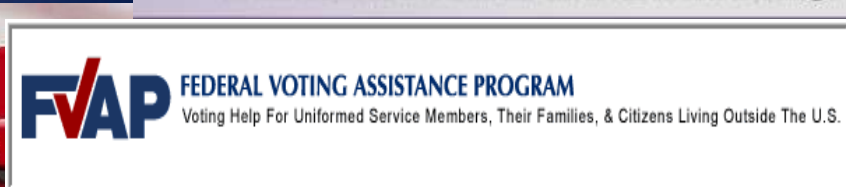
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## Steps for Getting Started:

- Learning about Aristotle Today
- Creating Your Profile Aristotle
- Connecting to Your Colleagues
- Uploading Files
- Searching in Aristotle (People, Projects, Topics)
- **Join the Aristotle training.**



# DTIC: 16 Years as a Leader in Web Hosting for DoD





# Web Hosting Since 1994

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- **DTIC supports over 100 Web sites and applications that support the wide ranging missions of DoD components**

Examples in process:

- **Federal Voting Assistance Program - Web Site's Automated Register, Request and Receive Ballot Process**
- **DoD Comptroller's R-2 Exhibits XML Database – designed to accept R-2 budget data as eXtensible Markup Language (XML) or as text entered through Web form**
- **Hear more at the “Web Hosting” session.**





# DTIC's Suite of Services

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## Information for the Defense Community



### DTIC®

The Defense Technical Information Center (DTIC) is the central facility for the acquisition, storage, retrieval, and dissemination of scientific and technical (S&T) information supporting the research and engineering (R&E) needs of the Department of Defense (DoD). For over 60 years, DTIC has been the recognized leader in online information and knowledge management innovations.

### What does DTIC do?

- Collects, consolidates, and provides controlled access to DoD S&T and R&E information.
- Supports S&T specialized subject areas through Information Analysis Centers (IACs).
- Designs and hosts more than 100 DoD Web sites.
- Offers customized training and reference services.

*DTIC's products and services provide users with the resources they need to access DoD scientific, technical, research and engineering information*



### DTIC Online Suite of Services

**DTIC Online:** <http://www.dtic.mil> (Does not require registration)

- Public Technical Reports (TR) with free access to unclassified, unlimited full-text documents.
- Public release bibliographic citations to reports describing the progress or results of research efforts and other S&T information held by DTIC.
- Citations to full-text documents along with Handles (persistent identifiers for the location or URL).
- MultiSearch, DTIC's federated search.
- Research and Development Descriptive Summaries (RDDS).

**DTIC Online Access Controlled:** <https://www.dtic.mil> (Requires DTIC registration)

- A Common Access Card (CAC) accessible gateway to DoD science, technology, research and engineering information with a customizable home page.
- DoD Congressional Budget Queries.
- R&E project information in Research Summaries and the R&E Database Search.
- Free online access to citations and available full-text documents for unclassified, unlimited as well as unclassified, limited information from DTIC's TR collection.
- DTIC's Independent Research and Development (IR&D) database.
- Militarily Critical Technologies List (MCTL).

**DTIC Online SIPRNET:** <http://www.dtic.mil/dtic/registration> (Requires DTIC registration)

- Available free on the official U.S. Only Secret Network-Secret Internet Protocol Router Network (SIPRNET).
- Access to DTIC's entire TR collection (unclassified, unlimited; unclassified, limited; and classified up to SECRET documents).

### DoDTechipedia Suite of Services

**DoDTechipedia Limited:** <https://www.dodtechipedia.mil> (Requires DTIC registration)

- A CAC accessible internal Wiki for the federal government S&T community.
- Provides a forum to post ideas, ask questions, make suggestions or share information with colleagues on organizational pages and technology areas.

### DoDTechipedia Classified:

- (Requires DTIC registration)
- An internal Wiki for the DoD S&T Community focused on information at the secret level.
- Available free on the SIPRNET.

### DefenseSolutions.gov - Submit a Solution:

- <http://www.defensesolutions.gov>
- A portal through which innovative companies, entrepreneurs, academia, and research organizations can submit potential ideas or solutions to the DoD through the Open Business Cell.
- A venue for vendors, educational institutions, Federally Funded Research and Development Centers (FFRDCs), Labs and others wanting to make their Information Technology/National Security Systems (IT/NSS) and Information Assurance (IA) products, services and capability solutions known to DoD.

### Information Analysis Centers (IACs)

- IACs:** <http://www.dtic.mil/dtic/iac/>
- Research organizations chartered by the DoD to assist researchers, engineers, scientists and program managers in locating and analyzing scientific and technical information in specialized subject areas.
- Maintain the Total Electronic Migration System (TEMS) databases, providing access to both citations and downloadable full-text IAC documents.



# COCOM Support

## Hear more about Reference on 24 March.

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- **Completed research for all 61 COCOM S&T Integrated Priority List (STIPLs) for CY2009**
- **Created DTIC section on JIEDDO Knowledge & Information Fusion Exchange (JKnIFE) site; added documents on Human Terrain, Sniper, & IEDs (NIPR and SIPR)**
- **Conducted research on Cyber Security & Nuclear Knowledge Management** in support of the Global Innovation and Strategy Center (USSTRATCOM) interns.



# DTIC Update

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## **DTIC's Expanded Outreach and Collaboration to Benefit the S&T Community and the Warfighter**



# Defense Technical Information Center



*Providing technical research, development,  
testing & evaluation (RDT&E) information rapidly,  
accurately and reliably*



*Information for the Defense Community*





# Combatant Commanders WORKSHOP

TAMPA, FLORIDA  
November 3-4, 2009





# COCOM Workshop: Focus on DR&E Imperatives

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1. Accelerate delivery of technical capabilities to win the current fight.
2. Prepare for an uncertain future.
3. Reduce the cost, acquisition time and risk of our major defense acquisition programs.
4. Develop world class science, technology, engineering, and mathematics capabilities for the DoD and the Nation.



# DTIC Outreach to Combatant Commands

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- **Operational Information Sharing – 2<sup>nd</sup> year**
- **DTIC working with Office, Assistant Secretary of Defense/Networks & Integration Information (NII)/DoD Chief Information Officer (CIO), Information Policy & Integration Directorate**
- **DTIC personnel available to provide briefings, training, reference, and on-site assistance with exercises for Combatant Commands**





# COCOM Outreach

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## **Combatant Commands briefed and /or supported during FY 2009 with follow-up research, exercise, and invitational conferences:**

- African Command (AFRICOM) – Stuttgart, Germany
- Central Command (CENTCOM) – MacDill AFB, FL
- European Command (EUCOM) – Stuttgart, Germany
- Joint Forces Command (JFCOM) – Norfolk, VA
- Northern Command (NORTHCOM) – Peterson AFB, CO
- Pacific Command (PACOM) – Honolulu, HI
- Southern Command (SOUTHCOM) – Miami, FL
- Special Operations Command (SOCOM) – MacDill AFB, FL
- Strategic Command (STRATCOM) - Offutt AFB, NE
- Transportation Command (TRANSCOM) – Scott AFB, IL



# DTIC Support for Exercises

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## Pacific Command (PACOM) Exercises

- DTIC participation in Hawaii exercise, Spring 2008 & 2009; scheduled Spring 2010

## Northern Command (NORTHCOM) Exercise

- DTIC participation in Colorado exercise, Spring 2008

## DTIC Support

- Advance research of gaps on Classified STINET
- Embedded DTIC Librarian with TS for entire 2-week exercise
- DTIC training by Librarian to COCOMs
- DTIC reachback reference support with DoD, IAC, & other Web resources during exercise
- Communication possible via secure telecon and Defense Connect Online (DCO) SIPRNET





# DTIC Promotional Video

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Over 2 Million DoD Related Technical Reports



Americans need information **now.**







# DTIC Update

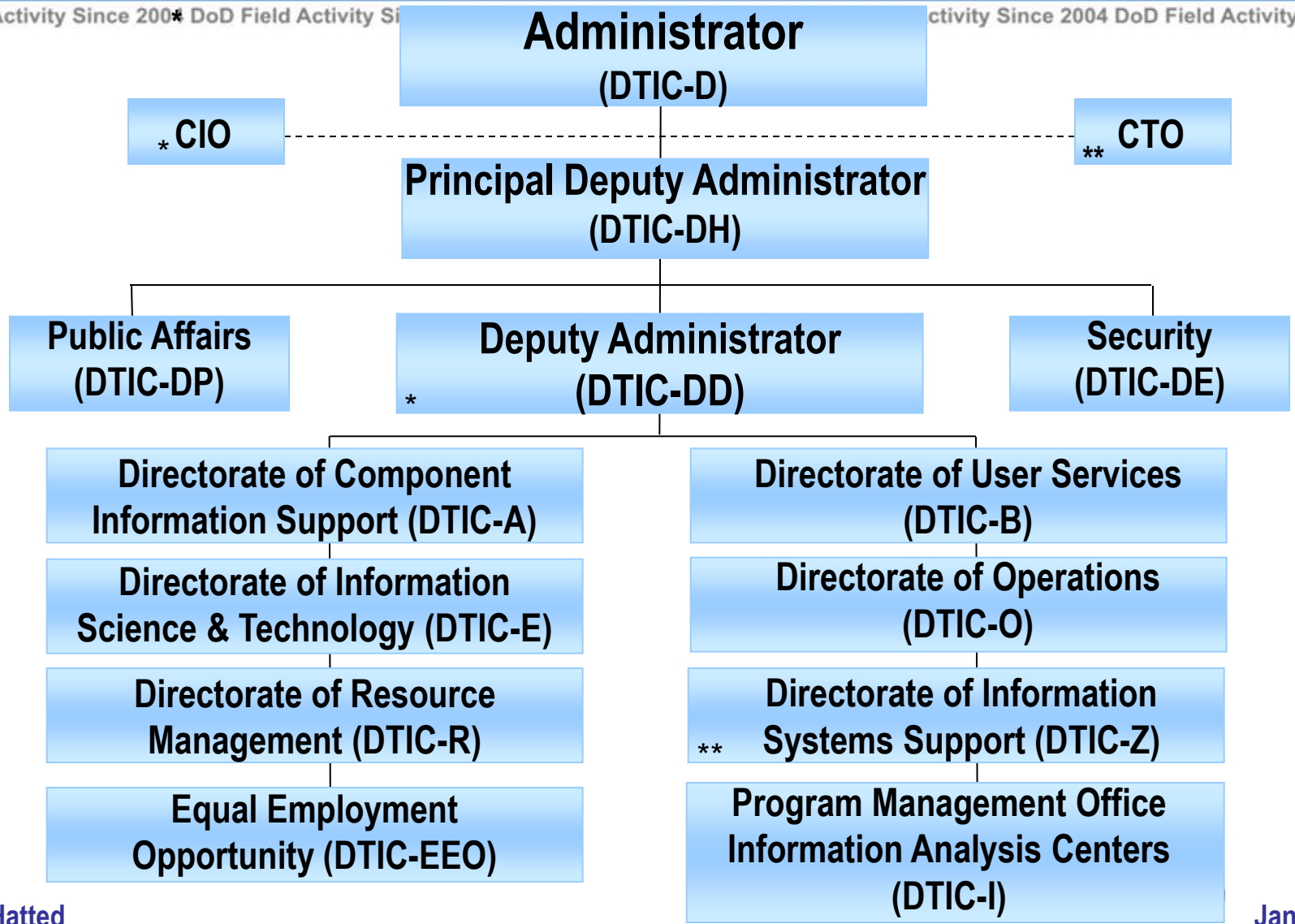
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**DTIC's Administrative News -**  
including organization, mission  
essential functions, policy, and  
strategic planning



# DTIC Organizational Chart

DoD Field Activity Since 200\* DoD Field Activity Since 2004 DoD Field Activity Since 2004



\*/\*\* Dual Hatted



# Defense Agencies Initiative (DAI): DTIC Aligned with DoD Business Transformation

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## Budget Formulation (FOC)\*

- Develop budget for out years and POM
- Support forecasting, and "what if" scenarios
- Generate required documents

## Budget to Report

- Enter funds from treasury
- Allocate funds to organizations
- Update general ledger
- Update reports

## Cost Accounting

- Collection of all costs such as: Activity Based Costing, Job Order Number, Process Costs and Standard Costs
- Allocation of indirect costs
- Update general ledger
- Update reports



## Order to Fulfill

- Set up agreements
- Collect cost and calculate bill
- Billing and collection
- Update general ledger
- Update reports

## Time and Attendance

- Automated individual or timekeeper input into system
- Time allocation for Cost Accounting purposes

## Procure to Pay

- Create commitment
- Create obligation
- Perform receipt and acceptance
- Update general ledger
- Update reports

## Grants Accounting

- Apportion and allot funding

## Acquire to Retire

- Define asset





# NSPS to GS Transition, Mar 2010: DTIC Job Search Includes GS Only

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You are here: Home » [aboutus](#) » [employment](#)

Font size: A A

## Job Announcements

DTIC Job Opportunity Announcements (JOA) are posted at [USAJOBS](#) as soon as they are open for application. Qualification requirements, application procedures, etc., are included with each job announcement.

## Career Opportunities

Positions at DTIC® offer a diversity of experience and potential for advancement and career development. Procedures for applying for Federal employment are included with each job announcement. For more detailed information, contact the U.S. Office of Personnel Management (OPM) at (478) 757-3000.

## Types of Positions Available

The following are the **major** functional groups and primary occupational series offered at DTIC:

- **Management Analysis:** Management Analysts develop, analyze, evaluate, advise on, and improve the effectiveness of work methods, concepts, and procedures concerning policy and plans involved in the management process.
- **Program Analysis:** Program Analysts administer and perform analytical and evaluative work related to the development and/or execution phases

### About Us

- Administrator
- Affiliated Organizations
- Employment
- Mission Statement 2008
- Policy Memoranda
- Current Research & Initiatives
  - Data Sets
  - iSchool Outreach
  - Metadata Extraction
  - PDF/A Adoption
  - Reference Linking
  - Search Enhancements
- DoD programs
  - HBCU/MI
  - HBCU/MI Resources
  - SBIR
  - URS/DEPSCoR
- DTIC Hosted Web Sites
  - DDR&E Web Sites
  - DoD Web Sites



# Policies and Agreements

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- **DTIC's Scientific & Technical Information Program (STIP) Policies** – being reviewed and updated based on changes and guidance for directives, instructions, and manuals.
- **Share your input DTIC's Policy Analyst at the "Overview of STIP Policy for Stakeholders" session.**



# DTIC Information Analysis Centers (IACs)

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## IAC

- AMMTIAC
- CBRNIAC
- CPIAC
- DACS
- IATAC
- MSIAC
- RIAC
- SENSIAC
- SURVIAC
- WSTIAC

## Expertise and Technology

- Advanced Materials and Testing
- Chemical, Biological Radiological, Nuclear
- Chemical Propulsion
- Data and Analysis Center for Software
- Information Assurance
- Modeling & Simulation
- Reliability
- Sensor Technology
- Survivability/Vulnerability
- Weapons Systems Technology

## Prime

- Alion Science & Technology
- Battelle Memorial
- Johns Hopkins University \*
- ITT
- Booz Allen Hamilton
- Alion Science & Technology
- Wyle Labs
- Georgia Tech Research Ins \*
- Booz Allen Hamilton
- Alion Science & Technology

\* Academic Institutions

<http://iac.dtic.mil>  
**Documents in TEMS database**





# Productive Year for the IACs

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- Centers of Excellence managed by the DTIC
- Developing, capturing, managing & disseminating STI
- Supports all four DDR&E Imperatives
- Participated in the DTIC Combatant Commanders Workshop, Nov 2009, by presenting customized briefs for each of the 10 COCOMs
- Planning to support DTIC's Fall Workshop for DOD
- Developed new contracting construct in response to Congressional mandated requirement for all federal agencies; will transition to multiple award contracts **(Any questions, see DTIC's IAC Program Manager at the IAC session.)**





# News from Operations about DTIC Documents

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**Mailbox established for submitters to send PDFs already accessioned in TR: [AD-Replace@dtic.mil](mailto:AD-Replace@dtic.mil)**

## **Document Processing Changes from FY05 to FY10**

- 35% increase in document production - over 30,000 annually: new documents added to the collection
- 43% increase in electronic documents - 78% docs processed are EDOCs
- Hardcopy average processing times 24.8 days today vs. 34.2 in FY 05
- EDOC average processing times 21 days today vs. 33.5 in FY 05
- **Hear the “DTIC Information Collection Update.”**

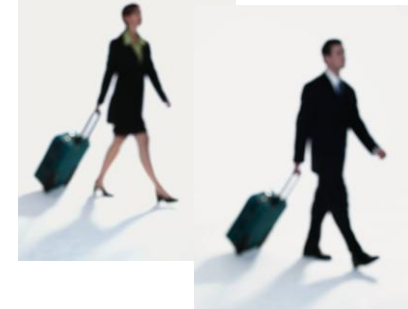


# Operations Outreach & Site Visits FY 2009

DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field A

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- Office of Naval Research (ONR), Arlington, VA
- National Security Agency (NSA), Fort Meade, MD
- Naval Post Graduate School (NPS), Monterey, CA
- Joint Council on Aging Aircraft (JCAA), Arlington,
- Air Force Modernization Directorate/SGRS, Office of the Air Force Surgeon General, Falls Church
- Naval Submarine Medical Research Laboratory, Groton, CT
- Coast Guard Academy, Groton, CT
- Naval War College, Newport, RI
- Naval Underwater Weapons Center, Newport, RI
- National Ground Intelligence Center (NGIC), Charlottesville, VA
- Modeling and Simulation Coordination Office (M&S CO), Alexandria, VA
- Defense Threat Reduction Agency, Chemical Biological Integration Branch, Alexandria, VA







# Planning for Future Talent: Student Paper Competition Meet the Winners!

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## Student Paper Competition for Defense Technical Information Center (DTIC) 2010 Conference March 22-24, 2010

DTIC, in support of the Department of Defense (DoD) Scientific and Technical Information Program, solicits student papers for consideration on the agenda of its annual conference. Selected student authors will be invited to present their papers at the DTIC 2010 Conference, March 22-24, 2010, in Alexandria, VA (see <http://www.dtic.mil/dtic/annualconf/2010Home.html>).

### **PURPOSE:**

- To promote the generation of new ideas and the conduct of new research in areas of strategic interest to DTIC
- To promote understanding of DTIC's mission and program among information professionals

### **TOPICS:**

Papers should show relevance to DTIC's mission. DTIC is the central scientific, research and engineering information support activity for the DoD, Director of Defense Research and Engineering (DDR&E) and supports the DDR&E's execution of the DoD Scientific and Technical Information Program. General information about DTIC is available at: <http://www.dtic.mil/>.

Examples (to stimulate input, not to constrain topics):

- Use of Web 2.0 and 3.0 technology for collaborative searching and problem solving
- Making scientific and technical information discoverable through virtual worlds
- Delivering scientific and technical information to mobile devices
- Recommended features of a tool suite for usability experimentation

### **CONFERENCE PARTICIPATION:**

DTIC will consider the papers for presentation at the DTIC 2010 Conference. Selected authors will be compensated for traveling expenses to attend the conference. Papers may have multiple authors, but only one person will be



# Usability Testing on Wednesday: Register or Send Feedback

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## DEFENSE TECHNICAL INFORMATION CENTER



# Online

Access Controlled  
Information for the Defense Community

# Your Gateway to Scientific and Technical Resources

# <https://www.dtic.mil>

**Bringing together DTIC's  
restricted access sites**

**Providing access to:  
Research and Engineering Database  
Technical Reports  
Congressional Budget Data  
and more...**

**Access using DoD CAC  
Customize your home page**







# DTIC CARES

## Customer and Relationship Experiences

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- Submit feedback on DTIC's products and services
- Real-time evaluation allows DTIC to monitor customer satisfaction levels
- Captures suggestions, inquiries and contact information
- Accessible through DTIC Online Public, DTIC Online Access Controlled, and DoDTechipedia

**We welcome your feedback...**

**Because DTIC CARES.**

[www.dtic.mil](http://www.dtic.mil)





# You Are Encouraged to Provide Real-Time Customer Feedback

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Font size: A A

## Provider of DoD Technical Information to Support the Warfighter

The Defense Technical Information Center (DTIC®) serves the DoD community as the largest central resource for DoD and government-funded scientific, technical, engineering, and business related information available today .  
[Read more ..](#)

### Quick Links

### Announcements



Soldiers try to maintain 'cool' during Battle Lab experiment

Sgt. Matthew Mergele of Company A, 1st Battalion, 29th Infantry Regiment, crawls through a window Monday at McKenna's urban assault course during the Maneuver Battle Lab's evaluation of micro-climate cooling options. Photo credit Vince Little, The Bayonet

[Full Story](#)



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**Combatant Commanders**  
 WORKSHOP  
 November 3-4, 2009  
 Tampa, Florida

Presentations from the



# Coming Soon...DTIC To GO

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## DTIC To Go

- Special site for users
- DTIC's most popular fact sheets and resources available to be downloaded in PDF format from DTIC Online and DTIC Online Access Controlled
- Available for your reference shelves, open houses, or individual and group training sessions



# What's Ahead in 2010?

DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004

- Increased access, innovation and collaboration
- Enhancements to existing and new services
- Continued outreach to users
- Exploration and implementation of more Web 2.0 services for the DoD community
  - Twitter
  - Facebook



**Save The Date!**



**2011 DTIC  
CONFERENCE**  
APRIL 4-6, 2011

A composite image featuring a calendar, a hand writing in a notebook, and an American flag. The calendar shows dates from 1 to 31, with some dates in red. The hand is writing in a spiral notebook. The American flag is draped across the bottom of the image.

# Save The Date!

**DTIC**

## **FALL WORKSHOP**

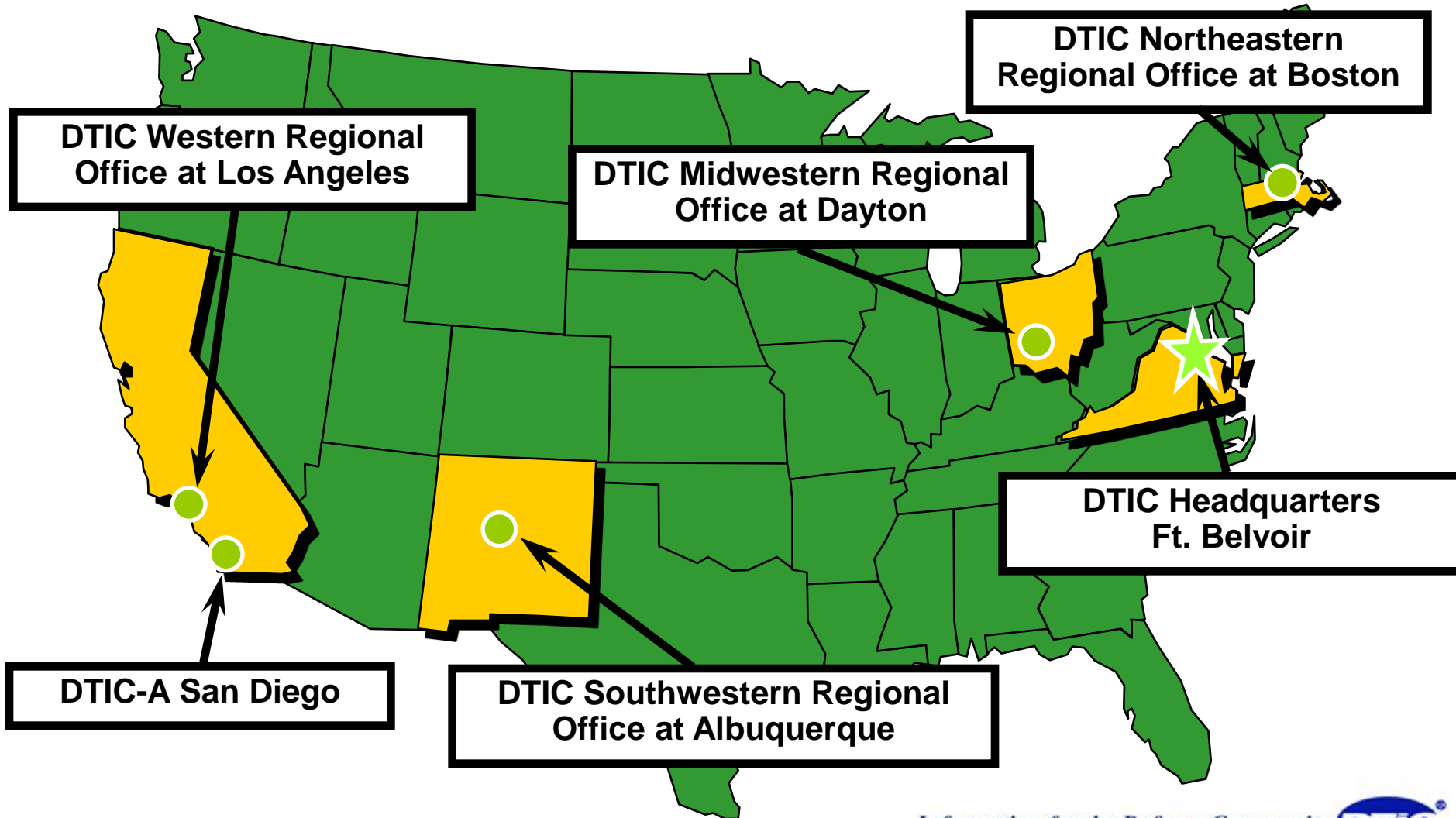
**For DoD Laboratories and Acquisitions  
October 26-27, 2010**

**Watch for Details**



# DTIC Locations

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# Regional Offices Provide Reference Assistance and Training

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## Midwestern Regional Office, Dayton

(937) 255-7905 DSN 785

dayton@dtic.mil

## Northeastern Regional Office, Boston

(781) 377-2413 DSN 478

boston@dtic.mil

## Southwestern Regional Office, Albuquerque

(505) 846-6797 DSN 246

albuq@dtic.mil

## Western Regional Office, Los Angeles

(310) 653-2483 DSN 633

losangel@dtic.mil



# Questions for DTIC?

DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004

- “**Ask a Librarian**” virtual reference service on DTIC homepage (Online form on [www.dtic.mil](http://www.dtic.mil))
- Email: [ref@dtic.mil](mailto:ref@dtic.mil)
- Fax: 703-767-8228, DSN 427-8228
- Telephone:  
703-767-8274, DSN 427-8274  
1-800-CAL-DTIC (225-3842)





# DTIC Contact Information

DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004 DoD Field Activity Since 2004

**Ms. Helen Q. Sherman**  
**Director**  
**DTIC User Services**  
**[hsherman@dtic.mil](mailto:hsherman@dtic.mil)**





# Disclaimer of Endorsement

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**Reference herein to any specific commercial products, process, or service by trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government, and shall not be used for advertising or product endorsement purposes.**