



DIGEST

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The Research and Engineering (R&E) Portal

The new R&E Portal will be more powerful and more useful to DoD researchers than the Google™ search engine, currently the favorite information source of many researchers.

Keeping pace with the latest Research and Engineering (R&E) developments is an ongoing challenge to DoD researchers, engineers and acquisition professionals. In order to provide these customers with the most up-to-date information, the Office of the Director, Defense Research & Engineering (DDR&E) and DTIC are developing the R&E Portal, a one-stop, single sign-on information gateway for the R&E community.

In keeping with the spirit of this ambitious project, Dr. Ronald M. Sega, Director of Defense Research & Engineering, believes DoD personnel should be able to sit down at their desktop computers and quickly and easily locate answers to such questions as: What is DoD doing in R&E? Why is the work being done? When will the work be completed? How much is the DoD investment? and Who is the point of contact for more information?

This is where the Portal comes in. It will be the premier source for all current and historical R&E information, including all DTIC technical data resources, DDR&E planning documents, financial databases and other DDR&E resources. Some of its features are the new E-Gov database, R&E points of contact, a news service, and DDR&E general information. It will also be able to intelligently search multiple databases and have single sign-on capability, which means one password access control.

The Portal project was generated by three key events. In the aftermath of September 11, 2001, Dr. Sega was concerned about the lack of a central location for information on DoD research that could be critical to national security. Secondly, in September 2002, Congress passed the E-Government Act. This legislation mandated the creation of a database and Web site that integrated information about federally funded R&D. And finally, on June 7, 2004, DTIC became a field activity of the Under Secretary of Defense (Acquisition, Technology & Logistics), reporting directly to DDR&E. This established a direct partnership between DTIC and its primary customer – the DoD R&E community – and enabled them to work together to address a strategic plan and identify what specifically was needed from DTIC in order to bring the Portal project from concept to reality.

Since DTIC's establishment as a DoD Field Activity, the R&E Portal project has proceeded along four separate phases of development. Phase I, completed on January 24, 2005, demonstrated proof of concept for providing consolidated access to assorted databases, Web pages, financial data and ongoing research projects. Phase II, the actual Portal itself, was completed on April 15, 2005, offering a sophisticated taxonomy-based search tool. It also incorporated assorted portal tools such as Communities of Interest, NewsEdge and Calendar. Phase III will be completed over the next few months and will integrate full DTIC R&E reference content such as technical reports, research summaries, and Independent Research and Development (IR&D) data into the system. Finally, Phase IV will extend the search capability across all DTIC resources and provide single sign-on access to all DTIC applications. Its expected completion date is January 2006.

Once all of the Portal components are in place, the R&E community will possess the means to access comprehensive technical information quickly and easily. As such, the R&E Portal is the solution of choice for DDR&E, and DTIC is

the preferred solution provider. With this in mind, the Portal project has become and will remain DTIC's number one priority.

Military Sensing Information Analysis Center (SENSIAC) Established

On December 7, 2004, the new Military Sensing Information Analysis Center (SENSIAC) was established in Atlanta, Ga. It replaces and significantly expands the scope and functionality of the former Infrared Information Analysis Center (IRIA) located at Fort Belvoir, Va.

SENSIAC is a DoD chartered IAC, sponsored by DTIC, and operated by the Georgia Tech Applied Research Corporation. Its mission is to enable government, industrial and academic activities involved in the Defense establishment to perform their tasks more effectively, efficiently, and at less expense to the government, by providing Military Sensing Technology (MST) related information products and services.

SENSIAC provides the military sensing community with timely and authoritative information on MST for the design, development, testing, evaluation, operation and maintenance of DoD systems. The community which SENSIAC serves is involved with MST applications ranging from basic physics to training soldiers in the use of actual MST devices. MST areas within the scope of the SENSIAC are:

- Passive optical, electro-optical, ultraviolet, and infrared sensors and seekers and their supporting technologies
- Laser-based systems for sensing and energy projection
- Radar and passive RF systems and related technologies
- Air acoustic, seismic, magnetic, electrical field, and gravitational sensors and related technologies
- Optical and infrared materials and detectors
- EO/IR and RF countermeasures
- Camouflage, concealment and deception
- Sensor and data fusion
- Signal and communications sensing
- Underwater acoustics
- Missile defense technologies
- Aroma sensors and related technologies
- Unexploited observables
- X-ray, chemical and other sensing for homeland defense

For additional information, contact:

Military Sensing Information Analysis Center (SENSIAC)
Georgia Tech Applied Research Corp.
505 Tenth Street, NW
Atlanta, GA 30332-0420
(404) 894-3626
FAX (404) 385-0924
Email: www.sensiacy.gatech.edu

The Total Electronic Migration System (TEMS)

The Total Electronic Migration System (TEMS) is the gateway to the information collections of the DTIC-sponsored Information Analysis Centers (IACs), and is now available online. TEMS provides the ability to perform full-text searches and retrieve mission-critical information. The following IAC collections are currently available for searching:

AMPTIAC - Advanced Materials & Processes Technology IAC

CBIAC - Chemical & Biological Defense IAC

IATAC - Information Assurance Technology Analysis Center

WSTIAC - Weapon Systems Technology IAC

Private STINET users automatically have access to TEMS using their Private STINET user ID and password. Links to TEMS from Private STINET can be found on the:

“What’s New?” page

“DTIC Collections” page in the “Other DTIC-Sponsored Collections” section, above the DoD Libraries

“Other Resources” page under the “DTIC Resources” section

“Find It” index under Total Electronic Migration System (TEMS) or TEMS (Total Electronic Migration System)

For further information about TEMS, contact:

TEMS Government Sponsor
Defense Technical Information Center
IAC Program Management Office (DTIC-AI)
8725 John J. Kingman Blvd, Suite 0944
Fort Belvoir, VA 22060-6218
(703) 767-9120
FAX: (703) 767-9119
Email: tems@dtic.mil

New Science.gov Alert Service

Science.gov, the “go to” Web portal for federal science information, now provides a free and convenient Alert Service that delivers information about the most current developments in science directly to desktops every Monday.

Launched at the annual meeting of the American Association for the Advancement of Science (Feb. 17-21, 2005) in Washington, D.C., the Science.gov Alert Service provides weekly emails to those interested in scientific information.

From the Science.gov homepage (www.science.gov), individuals can set up an account and let Science.gov do the searching. Each week, up to 25 relevant results from selected information sources will be sent to the subscriber’s email account. Results are displayed in the Alert email and in a personalized Alert Archive, which stores six weeks of results. In the Archive, past activity can be reviewed and Alert profiles edited.

Individuals can choose specific sources to monitor, or select the “All Sources” option. Science.gov deeply searches hard-to-find research information collections, spanning more than 47 million pages of government R&D results. More

than 1,700 government information resources and 30 databases on a wide variety of scientific topics are available - all in one location and searchable with just one search tool.

Since its launch in 2002, Science.gov, the science companion to FirstGov, has been the one-stop gateway to reliable federal science and technology information. Science.gov allows individuals to search for information based on subject, rather than by government agency.

Science.gov is made possible by the Science.gov Alliance, a collaboration of 12 federal agencies, including the Departments of Agriculture, Commerce, Defense, Education, Energy, Health and Human Services, and Interior, as well as the U.S. Environmental Protection Agency, the Government Printing Office, the National Aeronautics and Space Administration and the National Science Foundation, with support from the National Archives and Records Administration.

DTIC's New Electronic Mail Service for Contributors

Are you interested in keeping up with the latest information or in receiving valuable tips regarding the document submission process? If so, a subscription to DTIC's On/Off-Line Contributing (DOC) or DOC-L list server mail service is just for you!

In addition to providing information about document submissions to the E-Doc and STINT-TR systems, this list server will also cover issues that arise in submitting traditional hard-copy, nonprint, and complex electronic documents. Additionally, we hope this moderated list server will function as a forum for technical report authors, STINFO managers, agency publishers and editors to ask questions and voice opinions, as well as allow DTIC to share information and tips about contributing documents to the Technical Reports (TR) database. Approximately twice a month, or on an as-needed basis, messages will be sent through DOC-L on such topics and issues as:

- DTIC points of contact
- DTIC's selection criteria
- Cataloging guidelines
- Guidelines for document creation (such as NISO standards and formatting tips)
- Appropriate document markings
- Government information policy
- Distribution statements
- Information control
- Copyrights
- E-Doc and STINT TR system
- Electronic document submission process

To subscribe to this new mail service, simply send a message to listserv@dtic.mil. Leave the subject line blank and send the following message: SUBSCRIBE DOC-L.

This electronic list is our primary means of communicating up-to-the-minute information concerning DTIC's document submission process and other items relating broadly to document contributions. However, if at any time you wish to discontinue receiving these messages, you may unsubscribe by sending an email to listserv@dtic.mil leaving the subject line blank and having UNSUBSCRIBE DOC-L as the body of the message.

We look forward to serving your information needs pertaining to submitting documents to DTIC's Technical Reports database. If you have any questions, contact DTIC's Information Collection Division at (703) 767-9001/DSN 427-9001. The FAX number is (703) 767-9247 and the email address is *spitts@dtic.mil*.

Upcoming Meetings

Book Expo America

June 3-5, 2005
New York, N.Y.
www.bookexpoamerica.com

Special Libraries Association

June 5-8, 2005
Toronto, Ontario, Canada
www.sla.org

American Library Association

June 23-29, 2005
Chicago, Ill.
www.ala.org

Internet Librarian

October 24-26, 2005
Monterey, Ca.
www.infoday.com