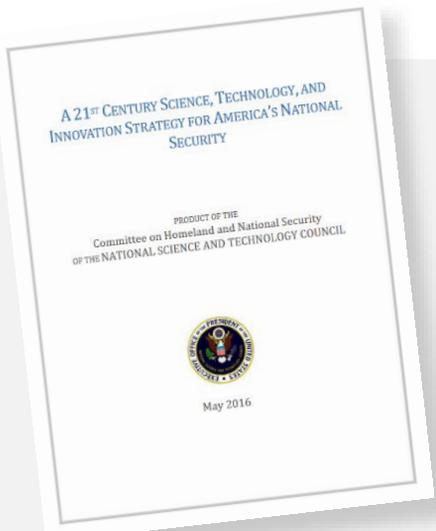


DTIC eXchange

PRESERVING KNOWLEDGE | CONNECTING PEOPLE | INSPIRING INNOVATION



Strategy for Revitalizing America's National Security S&T Enterprise

In May 2016, the White House released a new report from the National Science and Technology Council titled, "A 21st Century Science, Technology and Innovation Strategy for America's National Security." The strategy calls for the modernization of the national security science and technology (S&T) enterprise to ensure an innovative, agile, responsive and resilient S&T base capable of countering the rapidly evolving national security technology challenges of today's world.

Some key takeaways from the report include:

- Recruitment of diverse and talented human capital
- Modernization of business management systems
- Strategic multi-sector partnerships
- Proactive investment in quality infrastructure
- Adoption of transformative framework and innovative practices
- Robust research programs

Download and read the entire report at <http://go.usa.gov/ch45A>



DoD Public Access Initiative

The 2013 Office of Science and Technology Policy (OSTP) memo, "Increasing Public Access to Federally-funded Research," kicked off a government-wide initiative to make publicly available the journal articles and data from federally-funded research.

In February 2015, the DoD Public Access Plan was published. The Plan intends to implement public access by focusing first on intramural basic research (research performed by DoD personnel) followed by extramural; applied research and other budget activities will follow, building on the lessons learned with basic research. (Continued on p. 2)



Naval Safety Center:
"We wish we had found DTIC years ago."

Who hasn't experienced the frustration of clicking on a link, waiting for a document to open, only to receive the dreaded error message, "This page cannot be displayed"? What about the challenge of managing documents as physical offices move or organizational restructuring occurs? What can be done to not only store documents permanently and effectively, but also make them findable for years to come?

Not too long ago, the staff at the Naval Safety Center Liaison Office were confronting these questions and challenges. Fortunately, they soon discovered that DTIC was the perfect solution for addressing their concerns regarding data loss, impermanence and preservation.

According to Joy Erdman, Acting Deputy Special Assistant for Safety and Acting Director of the Naval Safety Center Liaison Office, DTIC "couldn't have come to us at a better time, as our website is being transferred again to another platform, with leadership guidance to eliminate information and to free up space." (Continued on p. 2)

What You Should Know to Comply

(From p. 1, DoD Public Access Initiative)

Both the OSTP memo and the DoD Public Access Plan require the creation of Data Management Plans (DMP) as part of the Public Access Initiative. DMPs will now be required for all new projects in order to document the lifecycle (creation, dissemination, storage, and archiving) of any data associated with a project.

In addition to DMPs, DoD-funded authors are also encouraged to include a funding acknowledgement along with their submission to publishers. As DoD begins to receive manuscripts via DTIC's newly launched Public Access Search tool, the funding acknowledgements will help expedite the identification of DoD-funded research and ensure that they are matched against the publishers' versions that are already part of DTIC's initial collection. Citation data can then be combined and made available through the Public Access Search tool.

DTIC will ensure a 12-month embargo from publication date before posting the full-text of the manuscript on its public site. Prior to the embargo end date, users will be presented with a link to the publisher's site.

The beta version of the Public Access Search tool was created in conjunction with the Department of Energy and is available at <http://publicaccess.dtic.mil>. A more robust version will be released in late June 2016. To learn more, visit <http://publicaccess.dtic.mil> or contact the Public Access team at dtic.belvoir.ooa.list.publicaccess@mail.mil.

Naval Safety Center

(From p. 1, DoD Public Access Initiative)

DTIC's stability of permanent storage with readily available public access on a website that is managed by government employees is very exciting for us," Ms. Erdman added.

"We've had one teleconference and very informative on-site visit from their staff and are very excited to post important information in DTIC. We wish we had found DTIC years ago."

With guidance from DTIC staff, Ms. Erdman and her team are continuing to transfer numerous documents that previously resided on the Naval Safety Center website to DTIC.

Other Defense communities can also benefit from DTIC. Submitting documents to DTIC, not only saves resources and time, but also preserves documents long-term and improves the visibility of both documents and their authors.

For assistance, contact DTIC's **Information Collection Division** at dtic.belvoir.ecm.mbx.acquisitions@mail.mil or 1-800-225-3842 (select 6).



"Scientific research supported by the federal government catalyzes innovative breakthroughs that drive our economy... become the grist for new insights... assets for progress in areas such as health, energy, the environment, agriculture, and national security."

— Dr. John Holdren, Assistant to the President for Science and Technology & Director of the White House Office of S&T Policy (OSTP)



FY17 Defense RDT&E Budget:

Tracking DoD Investments on Next Generation Technologies

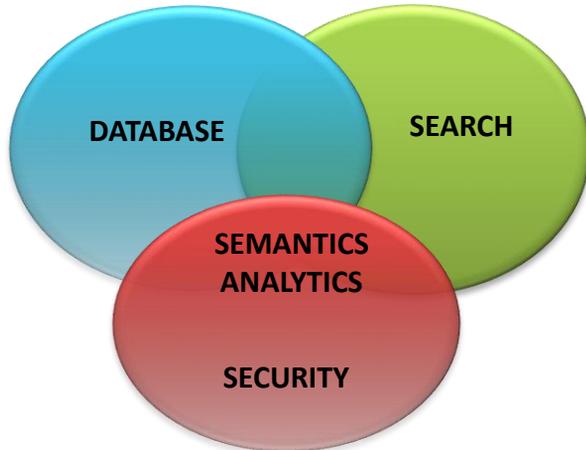
The 2017 President's Budget Request (PBR) continues the DoD's focus on maintaining our military's technological superiority and accelerating the adoption of advanced capabilities that offset our adversaries.

The FY17 PBR of \$582.7B includes \$71.4B for the Defense RDT&E base budget. In a speech on February 2, 2016 Defense Secretary Ash Carter stated that the budget includes support for micro-cameras and sensors on small diameter bombs, swarming autonomous vehicles, micro-drones, self-driving boats, installing the projectile developed for the electromagnetic railgun on existing weapon systems, and arsenal planes.

To learn more about planned, in-progress, and completed research on these technologies, search the **DTIC Collections** at <https://www.dtic.mil>. Check out **DoDTechipedia** at <http://go.usa.gov/cJeEj> to find an information page on links to these technical reports and saved searches. For analysis on the state of one of these technologies, take advantage of research provided by **DTIC's Information Analysis Centers (IAC)** by visiting <http://iac.dtic.mil> — the first four hours of research are free. The **DTIC Reference Staff** can also assist you with setting up scheduled searches on one or more of these topics to run periodically as an alert; call 1-800-CAL-DTIC (225-3842) and choose option 1.

Behind the Scenes of DTIC's Master Data Repository

DTIC is enhancing the infrastructure of its databases with the implementation of a **Master Data Repository (MDR)**. As DTIC continually strives to provide a complete and accurate view of research and development work funded by the DoD, the MDR will provide a single platform to ingest all content from DTIC's multiple systems and applications/databases.



Consolidation of these systems and databases will improve DTIC's ability to provide a 360 degree view of DoD-funded research. While most of the work to implement the MDR is behind the scenes, there are some benefits for you.

The MDR will shorten the time for DTIC to provide:

- New functionality and data sets
- Enable simple and complex search queries
- Improve data security
- Support the mapping of terms and related concepts across disperse data sets and tools

In essence, the MDR will help DTIC bring the right information, to the right person at the right time.

The first phase of this project is consolidating the databases that support the R&E Gateway Search. Some of the new features you can look forward to in the R&E Gateway Search, as early as this summer, are truncation, wildcards, nesting, Boolean operators, and more fidelity in result counts.

R&E Gateway Training @ DTIC:

DTIC Offers Free Training

Discover the value and capabilities of DoDTechSpace, DoDTechpedia and DTIC's Search.

Class list, schedule and registration information are available at: <http://go.usa.gov/cJeV3>



Upcoming S&T Events

- 6/21- 6/22/2016
Revolutionizing Aerospace and Defense Innovation, Production, Logistics and Readiness (Washington, D.C.)
- 6/22 - 6/24/2016
Cyber Security for Defense 2016 Conference (Augusta, GA)
- 8/2- 8/4/2016
8th Annual Ground Vehicle Systems Engineering and Technology Symposium (Novi, MI)

The *DTIC eXchange* newsletter is published by the Communications Team within DTIC's Customer Access and Communications Division. If you have any suggestions or would like to contribute content, please send an email to: dtic.belvoir.us.mbx.communications@mail.mil



COMBATANT COMMAND (CCMD) CLASSIFIED READING ROOM

A complimentary and one-of-a-kind, access-controlled room

Exclusively located within the U.S. Department of Defense's Defense Technical Information Center Headquarters

Overview:

Admission is restricted to cleared industry/government/DoD personnel with potential technology solutions to meet the mission requirements of the CCMDs.

The access-controlled room features two workstations for viewing sensitive CCMD capability needs.

User Benefits:

Gain invaluable insights on the top priorities and current capability demands of the CCMDs.

The requirements provided by participating CCMDs are current—within six (6) months.

Access Requirements:

Authorized industry/government/DoD personnel must submit an application to visit the CCMD Classified Reading Room located within the DTIC Headquarters in Fort Belvoir, Virginia.

Applicants must have an active security clearance of SECRET or higher and be a U.S. citizen.

Application Process:

- ✓ Download and complete the application form at <http://go.usa.gov/cJeVA>
- ✓ Applications must be received 10 business days in advance of desired appointment date
- ✓ DTIC will verify applicant's security access
- ✓ CCMDs will review and approve applicant's request to view their respective classified capability needs
- ✓ DTIC will notify applicant and coordinate the visit appointment
- ✓ Appointments can be made for Tuesdays, Wednesdays and Thursdays only

Learn more and download the application form at:

<http://go.usa.gov/cJeVA>

For other products and services offered by DTIC, visit:

<http://www.dtic.mil>

Questions?

Email: dtic.belvoir.pm.mbx.ReadingRoom@mail.mil

**Support Challenging Technology Needs
of Current and Future Warfighters**



DEFENSE TECHNICAL INFORMATION CENTER

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