DoD IR&D Information Access

Questions and Answers

Naval R&D Partnership Conference
Pre-Conference Workshop, IR&D
3 August 2004

Dave Hyman
DTIC IR&D Program Manager

DEFENSE TECHNICAL INFORMATION CENTER

DEPARTMENT OF DEFENSE
UNITED STATES OF AMERICA

Questions!

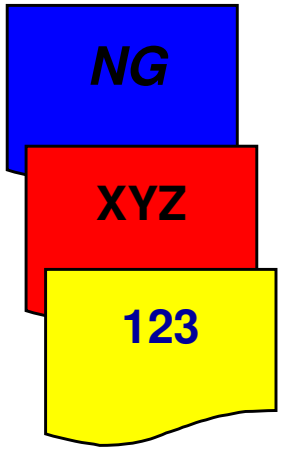
<u>Question:</u> What is DTIC's role in the IR&D Program?

DTIC's Role

Answer:

Defense Contractors

"Contributors"

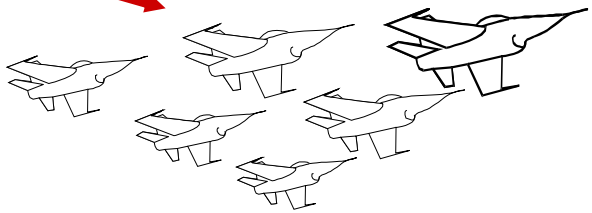


DTIC IR&D Database

"Proprietary"

DoD Labs, Activities

"Users"



? ? ? ? ? ? ?

Backup Chart: 1

04NRDPC3

Question: Can you tell me more about DTIC and the IR&D database?

DTIC IR&D Database

Answer:

- *A Field Activity of DDR&E*
- *DoD central facility for collection and dissemination of Scientific and Technology Information (STI)*
- *IR&D one of top three collections*
- *28+ years of data, approx 170K records, text search, full graphics on .pdf's*
- *Only for use by DoD employees and selected other Fed gov't personnel*
- ***Proprietary, proprietary, proprietary***
- ***http://www.dtic.mil***

Backup Chart: 2

DTIC IR&D Database

"Proprietary"

04NRDPC5

<u>Question:</u> Why should Defense Contractors submit info about their IR&D to DTIC?

Contributors

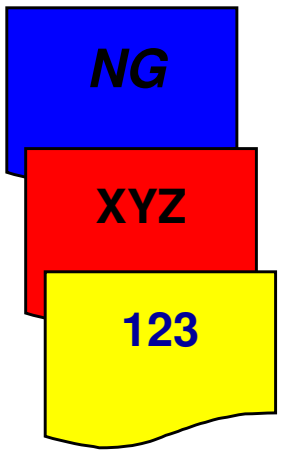
Answer:

- *Cornerstone of Program success*
- *Few limits on areas of DoD interest*
- *Value in submitting:*
  - *Marketing*
  - *Documenting*
  - *Referring*
  - *Archiving*
- *Annual submission cycle*
- ***Proprietary, proprietary, proprietary***
- ***http://www.dtic.mil/dtic/submitting/ird.html***

Backup Chart: 3

Defense Contractors

"Contributors"



<u>Question:</u> Why should Defense Science and Engineering (S&E) professionals use the IR&D database?

Users

Answer:

- *You have to!* ***Backup Chart: 4***
- *Bundled with DTIC registration* ***Backup Chart: 5***
- *Easy to add to your other DTIC searches*
- *Soon, we'll tell you what you told us you want to know about - aka the "Push" system* ***Backup Chart: 6***
- ***Proprietary, proprietary, proprietary***
- ***http://www.dtic.mil/dtic/registration/ (click on "employee of a DoD organization" link…)***

DoD Labs, Activities "Users"

<u>Question:</u> Where can I always go for more information about the DTIC IR&D database?

DoD IR&D Website

DOD IR&D Research and Development - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit

Address http://www.dtic.mil/ird/ Go

Department of Defense
Independent Research
and Development
IR&D

- Home
- IR&D Program
- Law, Regs, & Policy
- DTIC Database
- Publications
- IR&D Cost
- Related Sites
- Events
- Contact Us
- Site Map

Welcome to the DOD IR&D Program Web Site

http://www.dtic.mil/ird/

DoD Components are required to consider the work and accomplishments of contractor IR&D

Done Internet

Contact Info

David M. Hyman

Program Manager

Technology Transition Collections

DTIC

703/767-9039

dhyman@dtic.mil

Back-up Slides

IR&D Keywords

Not just the technology (-ies), but all the

- ***concepts***
- ***programs***
- ***systems***
- ***platforms***
- ***challenges/issues***
- ***variations***

related to it/them

IR&D Benefits

- **A way to leverage resources**

Information found in the IR&D database allows the DoD to better manage and allocate scarce R&D resources, to reduce duplication of effort in R&D efforts, and to increase communication between DoD planners and the defense industry.

- **A valuable marketing tool for defense contractors**

By submitting to the IR&D database, defense contractors can safely (by virtue of DTIC's treatment of IR&D data as "business proprietary") present detailed discussions of their R&D efforts to a large, targeted and very interested audience.

- **A way to link DoD needs to Defense Industry solutions**

The IR&D database is a "one-stop" repository for current defense industry activity in a myriad of disciplines and functional areas. As new, and frequently acute, DoD requirements come up, the IR&D database can yield existing solutions to problems which can be implemented quickly and inexpensively.

- **A glimpse into the future**

Frequently IR&D represents a company's "pure" R&D – research that has no specific business application yet, but which represents valuable and important work that DoD could use, and needs to know about, as the "Revolution in Military Affairs" progresses. The IR&D database is designed to readily capture exactly this kind of information for the benefit of DoD.

- **A way to reduce system development time and system lifecycle costs**

When the two previous IR&D database benefits are applied simultaneously, the DoD can, and has, realized significant savings in both time and dollars, as its various weapons and warfighter support systems move through their lifecycles.

IR&D Focus Areas

- **Enable superior performance of future United States weapon systems and components**
- **Reduce acquisition costs and life-cycle costs of existing military systems**
- **Strengthen the US industrial and technology bases**
- **Enhance the industrial competitiveness of the United States**
- **Promote the development of “critical”technologies**
- **Increase the development and promotion of efficient and effective applications of dual-use technologies**
- **Provide efficient and effective technologies for DoD to meet its societal responsibilities (e. g. environmental)**

DoD Directive on IR&D Use

DoD Directive 3204.1, *Independent Research and Development (IR&D) and Bid and Proposal (B&P) Program, May 10, 1999*

Policy -

4.3. The Department of Defense shall seek to enhance the efficiency and productivity of DoD R&D, and DoD contract R&D, by considering the work and accomplishments of contractor IR&D programs when planning, programming and budgeting for DoD R&D.

4.4. The Department of Defense will enhance its knowledge of contractor IR&D by reviewing summary reports of contractor IR&D efforts. Information from industry includes research goals, progress, results, and actual and planned expenditures for projects conducted as IR&D.

Responsibilities -

5.4. The Heads of the DoD Components shall ensure that their staffs who plan and introduce new in-house and contract R&D projects search the IR&D database to determine whether the proposed work duplicates substantial contractor IR&D efforts.

IR&D and Private STINET

- **Web-based**
- **Secure server**
- **All IR&D information**
- **Fast access to new and updated data**
- **Search across other DTIC collections**
- **Search across multiple/all years**

The New IR&D "Push" System

- **Will "push" info about new IR&D project summaries to registered users via e-mail**
- **Allow for multiple saved searches**
- **Quarterly**
- **Designed, approved**
- **T&E in 1st qtr FY05**