

DEFENSE TECHNICAL INFORMATION CENTER

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2011 DTIC CONFERENCE

DTIC: Your Authoritative Source of Defense Information for the Front Line and the Homeland

April 4-5, 2011

Unified Research & Engineering Database (URED)

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Information for the Defense Community 



Unified Research & Engineering Database (URED)

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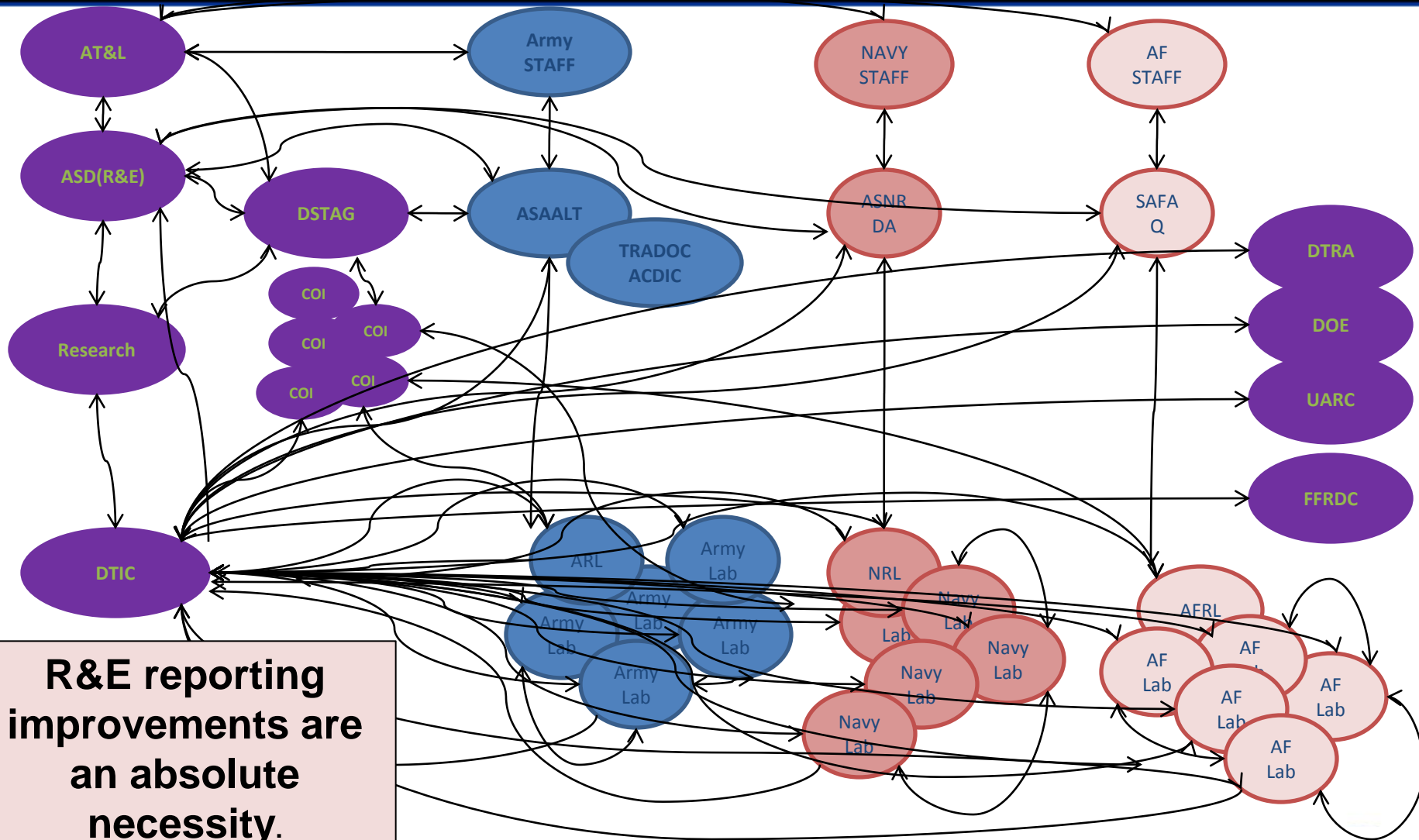
Chief, Information Analysis and Technical Support, DTIC

Ms. Julia Foscue

Information Collection Division, DTIC



R&E* Reporting Challenge



**Research & Engineering*



URED Purpose

- **The Unified R&E Database (URED) will streamline, update and modernize R&E reporting across the DoD**
 - **In-House Science & Technology (S&T) Report**
 - **Research Summaries**
 - **Research & Engineering (R&E) Database**
 - **And potentially:**
 - **Lab Demographics**
 - **Budget Activity (BA) 2/3 Data Call**
- **Benefits:**
 - **Improved reporting fidelity**
 - **Expanded access & utility**
 - **Efficiency gains/duplication removal**
 - **Analytic tools**
 - **Cost saving**



POAM* Flexible Timing

ROLES

- ASD(R&E) Laboratories Office will:**
- Serve as the ASD(R&E) Lead for this effort.
 - Conduct Army, Navy, AF and agency outreach
 - Leverage the DSTAG** as the clearinghouse to secure approval for data field changes.
 - Serve as the content manager for the data collection tool and the repository
 - Assist DTIC with the development of the functional requirements for the data collection tool and data repository and reporting application

RESPONSIBILITIES

- DTIC will:**
- Serve as the technical lead
 - Develop the XML schema for the approved data fields
 - Develop a Web-service enabled data collection tool
 - Develop a Web-service enabled data repository and reporting application
 - Provide O&M*** support for the data collection tool and the data repository and reporting application on an annual basis.

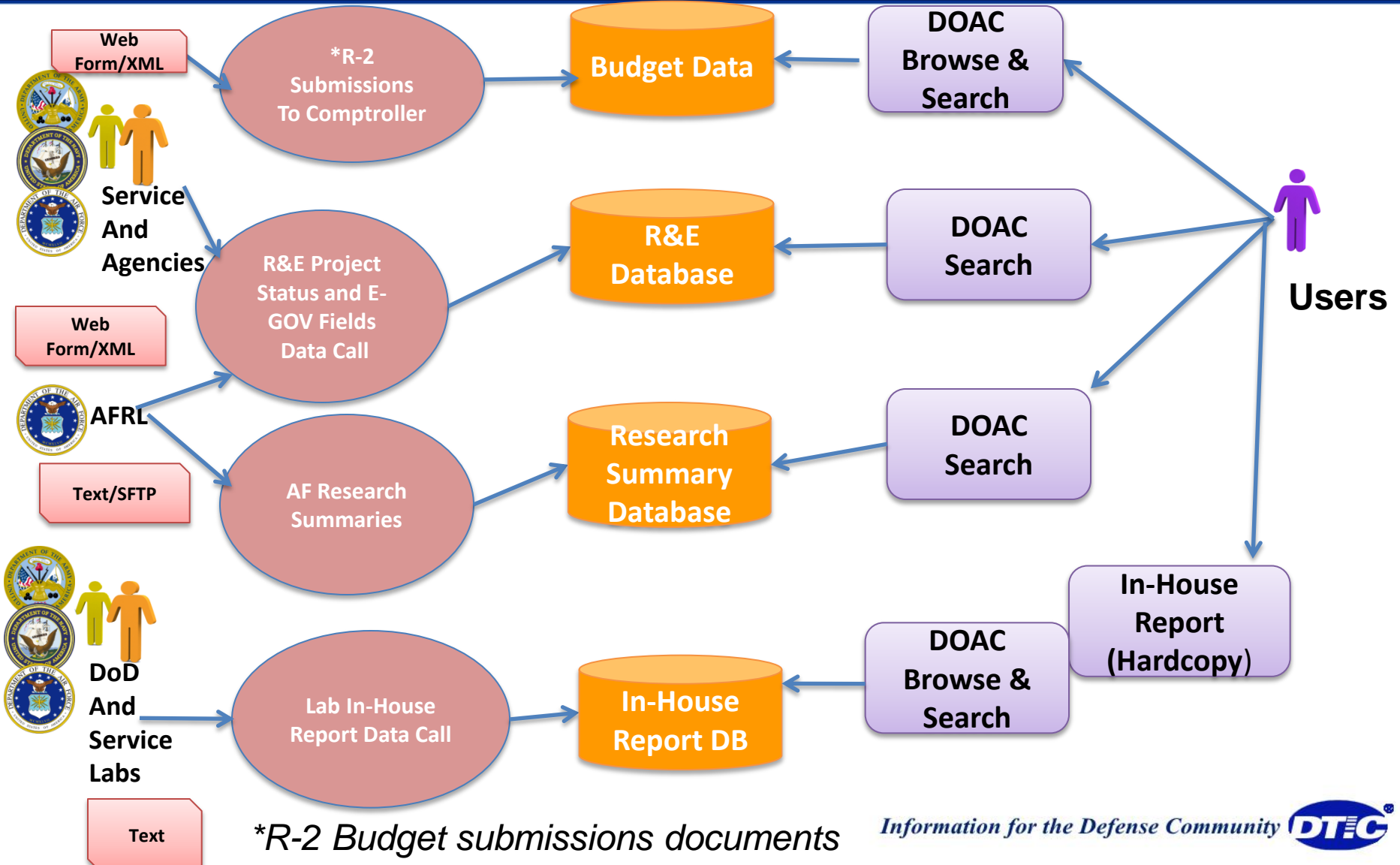
- DoD Services and Agencies will:**
- Identify a Point of Contact (POC) for coordination
 - Collect and validate the data prior to DTIC submission
 - Update data records as changes occur or at least annually by end of 3rd quarter of each fiscal year

*Plan of Action & Milestones
**Defense Science and Technology Advisory Group

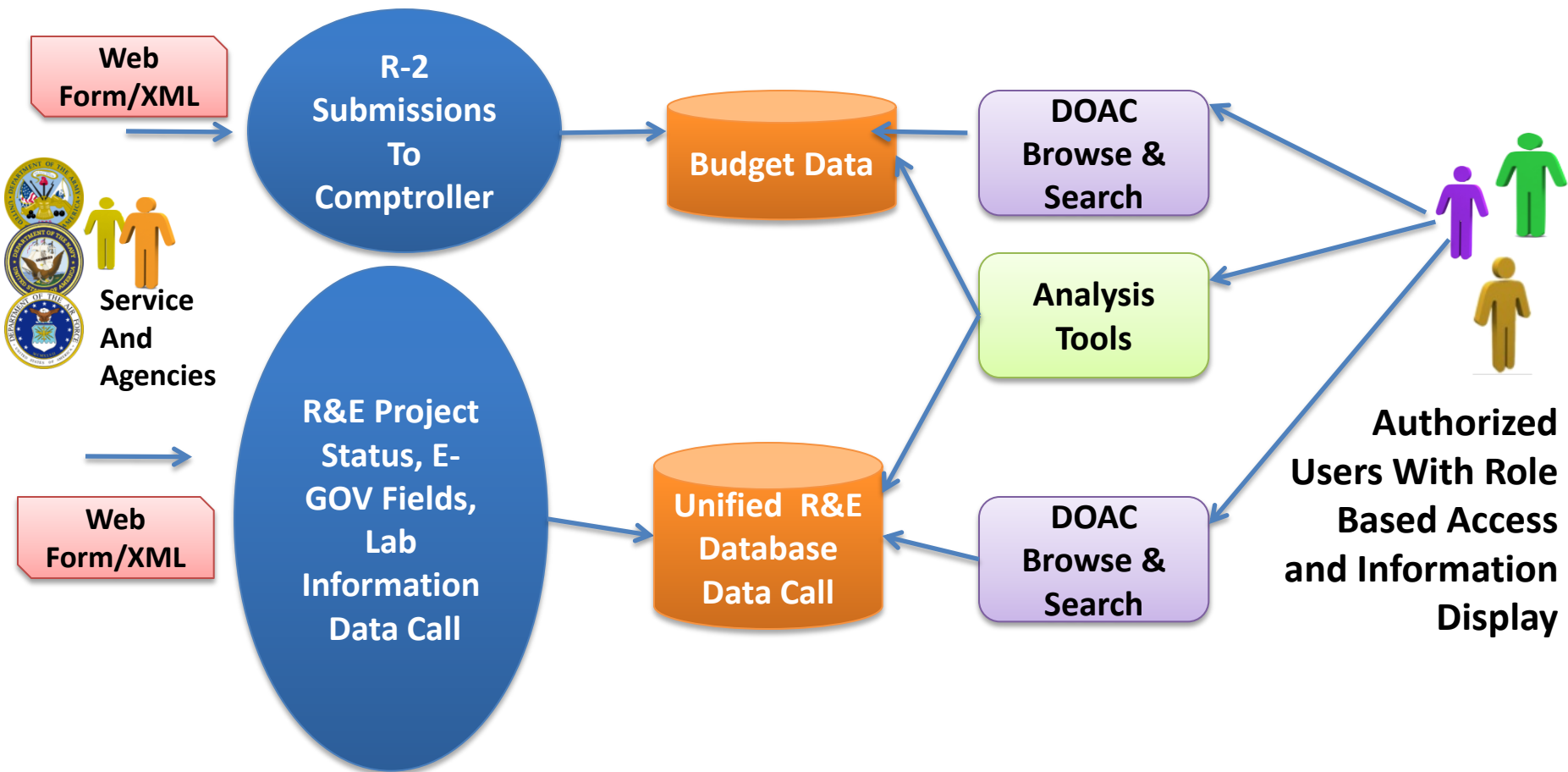
***Operations & Maintenance

Distributed Responsibility with Coordinated Impact

Current Submission Process



Future



Unified Data Call, Simplified User Interface, Analysis Tools
Reduced Workload on Researchers and Labs/Improved Tools for Users



Moving Forward

- **FY 11 Plan – Collection and application**
 - **DTIC document is a starting point: iterative**
 - **Analytic application**
 - **Legacy data migration**
- **Collection windows**
 - **Always on, Web access and real-time update**
 - **Transition to distributed, regular reporting**
 - **Rolling windows of reporting**
 - **Challenges to service validation data models**
- **User access**
 - **Improved DTIC processes to secure access**
 - **Encourage decentralized access and usage**
 - **Improve reporting**



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