DoD Partnering with Independent Research and Development (IR&D)

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DoD-Industry Engagement
The Marketplace: Your DoD S&T/R&D Resource

Defense Innovation Marketplace website - communication resource between DoD S&T/R&D and Industry/Academia

- DoD R&E Strategic Guidance
- Long-Range Research and Development Program Plan
- Communities of Interest (COI)
- Technology Interchanges Meetings
- Independent Research & Development (IR&D) Secure Portal

Are YOU using the Marketplace and the IR&D portal?
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Defense Innovation Marketplace – Industry Engagement

LRRDPP
BBP 3.0
Technology Interchange Meetings
Access to Portal
Feedback

IR&D: Why is it important?

- **DoD – and industry – benefit** from IR&D efforts to address technical challenges – reduce cost, technical and schedule risk early.

- **IR&D as Market Research**: DoD uses the IR&D Secure Portal to find projects that address, mitigate, or improve a DoD technical challenge – transition to a program of record.
  - *Only approved and registered DoD government employees or military can access the Portal.*

- **Encourages greater contribution to technology** related to future defense systems; *all projects summaries are aligned to a COI / COI Sub Area,*

- **Creates technology surprise.**

- **Hedges** against the uncertainties, inflexibilities and short time horizon of defense planning and systems development.

- **Translates new ideas and technologies** into defense capabilities.
The Marketplace: Resources for DoD and Industry

- **For Industry:**
  - Contains information, links, documents, and events on DoD R&E / S&T priorities.
  - Links to DoD R&E solicitations.
  - **COI Tier 1 Taxonomy**

- **For DoD:**
  - IR&D Secure Portal with more than 18,000 project summaries broken down by COI.
  - Technology Interchange Meetings
  - See where Industry is investing its IR&D

The Marketplace: Industry Engagement – Technology Interchange Meetings

- **For Industry:**
  - Specific technology challenges posted to engage with industry – use of Multimedia and podcasts to ensure message is delivered.
  - Weapons Technology COI: April 2015
  - Human Systems COI: June 2015
  - Responses submitted through the IR&D Secure Portal; efforts already in the Portal can be identified to Host for review with no further action required.

- **For DoD**
  - All responses are in same format, accessible to all Subject Matter Experts to review.
  - Most relevant efforts selected for more detailed, in-person review; more effective and efficient process.
DOD R&E Gateway
Community of Interest Wiki

COI Collaboration Wiki – Accessible to all DoD Civilian and Military (CAC Required) – DoD Contractors can access with approval of Government Sponsor

https://www.dodtechipedia.mil/dodc/x/1gO0.
Summary

• The need for collaboration in Research and Development has increased: across the Department, with our industrial base partners and Internationally

• Opportunities exist for industry/academia to learn about our challenges and provide solutions
  – Long Range Research and Development Program Plan (LRRDPP)
  – Defense Innovation Initiative (DII)
  – Technology Domain Awareness (TDA)

• Communications between the Department and potential solution providers is key. Several communications vehicles are available:
  – Technology Interchanges Meetings
  – Assistant Secretary of Defense for Research and Development Community of Interest (COI) Collaboration site (COI Wiki)

Maintaining Tech Superiority is the foundation of the ASD(R&E) strategy
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Defense Innovation Marketplace

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