

Bringing the Technology Edge to the Warfighter

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Research Development and Acquisition

ASN (RDA) Mission

To provide weapons, systems and platforms for the men and women of the Navy/Marine Corps that support their missions *and* give them a technological edge over our adversaries.









ASN (RDA) Goals

- Expedite GWOT acquisition programs as much as possible without compromising safety.
- Reduce volatility in current acquisition programs.
- Develop an investment/transition strategy for Science and Technology (S&T) to ensure future technological edge.
- Lead the Acquisition Enterprise component of the Naval Enterprise, in collaboration with OPNAV/HQMC and the fleet.



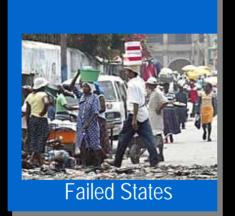




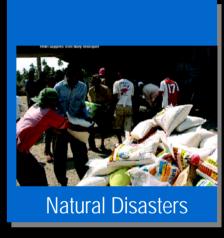


Our Changing Environment



















Desired Attributes of our Future Systems

- Develop and field systems that are:
 - Adaptable
 - Multi-Mission
 - Modular
 - Reconfigurable
 - Reusable
 - Affordable
- Open Architecture is the answer to many of these goals









Open Architecture Business Model

- We must adopt open architecture practices, opening our business models to
 - Using commercial standards as much as possible
 - Decoupling and reusing components
 - Opening competition on replacement components to third parties
 - Allowing new capabilities to be added with minimal dependency on integrators
- Small business is a key asset in the open architecture business model









Open Architecture Business Practices

- We must changes our contracts to:
 - Include OA requirements from our Program Managers Contract Guidebook
 - Obtain Government Purpose Rights (GPR) when the business case warrants
 - Award collaboration among multiple players
- We need internal business models to appropriately reflect accountability
- The SBIR and STTR programs provide education and opportunity to know how to participate in this process









Impacts of Open Architecture on our Partnership with Industry

- Challenges/Benefits:
 - Increases Competition
 - Allows Small Business to Compete
 - Changes Lead Systems Integrator Role
- To Be successful, our partnership must be based on :
 - Accountability
 - Transparency
 - Trust
 - Shared Risk
 - Measure Performance









How Can Small Business Participate?

- DoN SBIR Solicitation http://www.navysbir.com
- Repository and Collaboration Sites
 - Software Hardware Asset Reuse Enterprise (SHARE) for Surface Navy Combat Systems
 - https://viewnet.nswc.navy.mil
 - PEO C4I & Space Collaboration Site for Navy C4I and Space
 Systems https://sesi.spawar.navy.mil
- Technology Collaboration Center http://www.fedbizopps.gov/
 - Lockheed Martin
 - General Dynamics
 - Northrop Grumman









Looking Forward

- We need to:
 - Remain committed to making small business participation a priority
 - -See successes in new areas
 - Collaboration in available centers
 - Develop a win-win strategy with industry









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