



SPAWAR Overview

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Information Dominance Vision

▼ Navy's Information Transformation

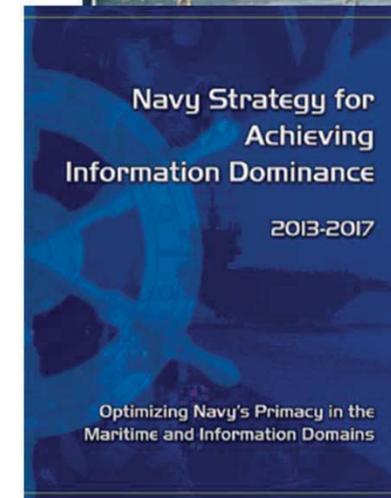
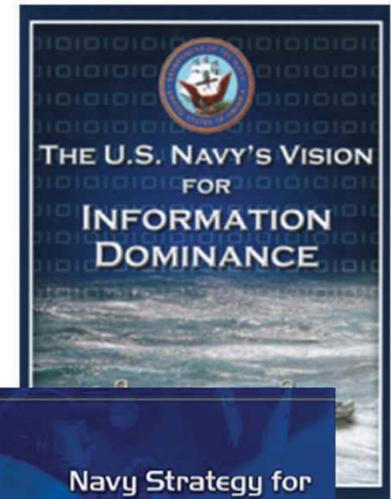
- Shift from information **IN** warfare to information **AS** warfare
- Organizations - N2/6, Fleet Cyber Command / 10th Fleet
- Personnel - Information Dominance Corps

▼ Fundamental Capabilities

- Assured Command and Control
- Battlespace Awareness
- Integrated Fires

▼ Major Goals

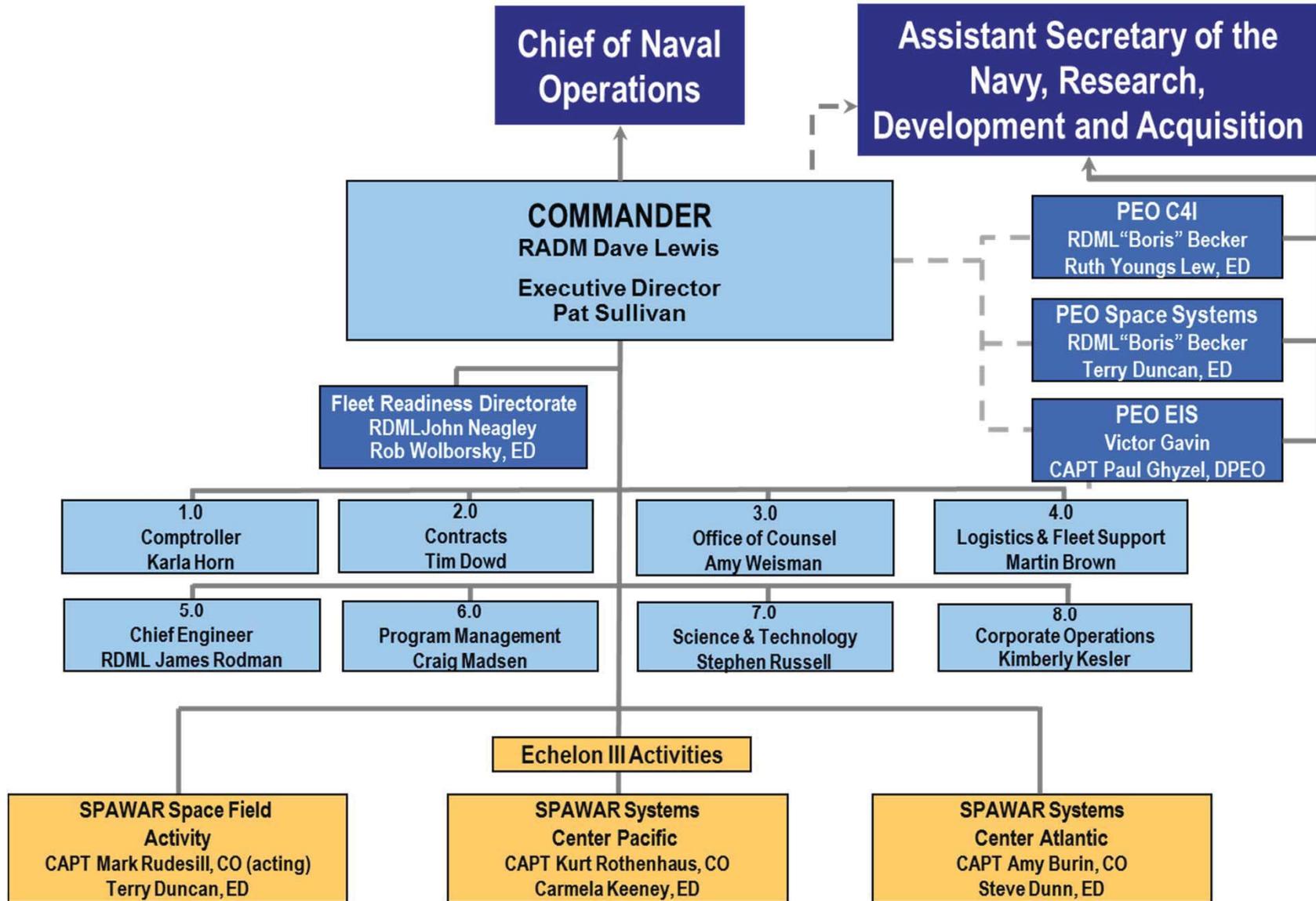
- Strong and Secure Navy Command and Control
- Persistent, Predictive Battlespace Awareness
- Integrated Combat Information
- Integrated Kinetic and Non-kinetic Fires
- Information Dominance as a Warfighting Discipline



Information Dominance is the operational advantage gained from fully integrating the Navy's information functions, capabilities and resources to optimize decision making and maximize warfighting effects.

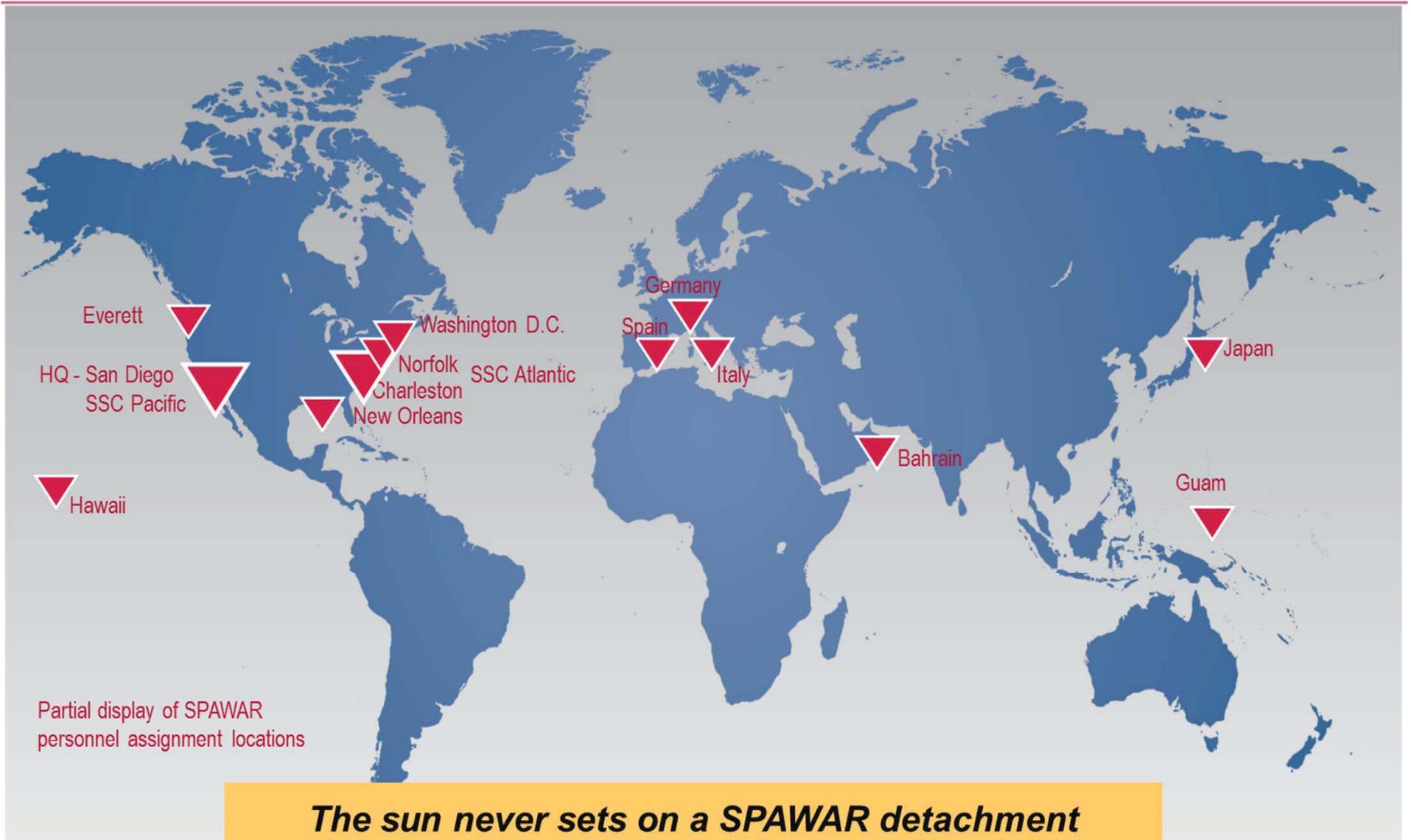


SPAWAR Organization





Team SPAWAR: Global Presence





SPAWAR's Role

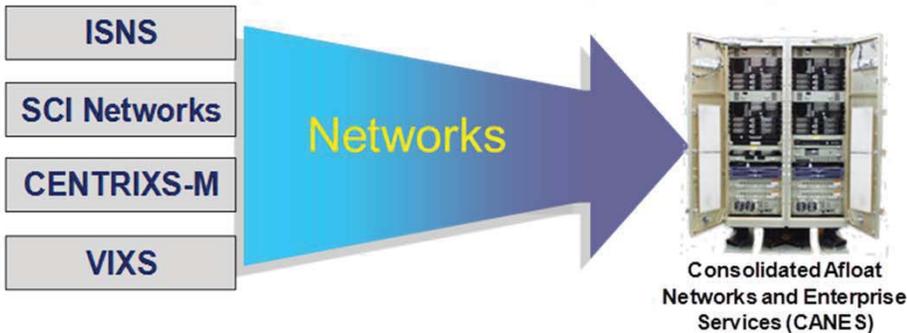
- ▼ Navy's Information Dominance Systems Command
- ▼ Provide advanced communications and information capabilities to Navy, joint and coalition forces
- ▼ More than 9,700 employees deployed globally and near the fleet
 - Military - 591
 - Civilian – 9,170



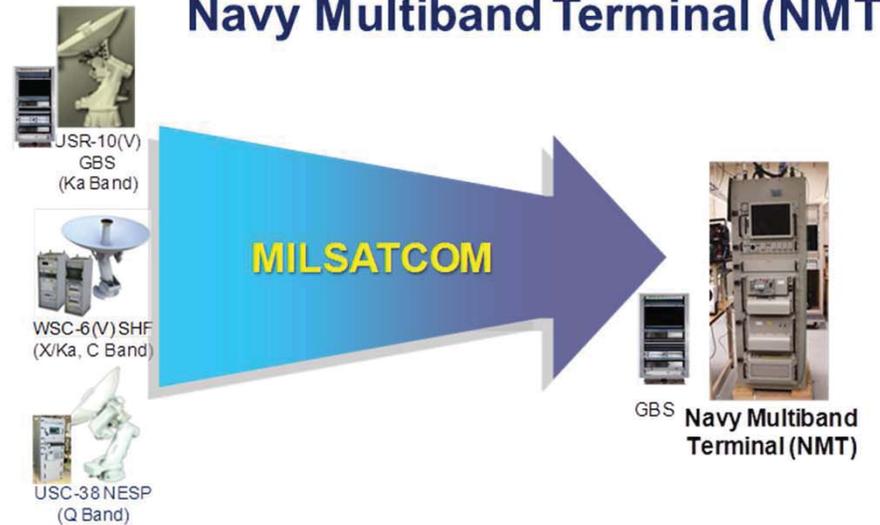


System Consolidation Reduces Variance

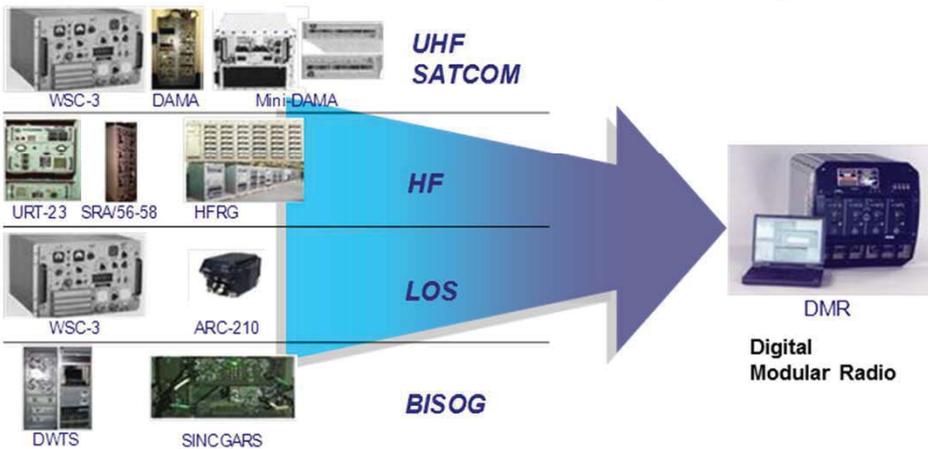
Consolidated Afloat Networks & Enterprise Services (CANES)



Navy Multiband Terminal (NMT)



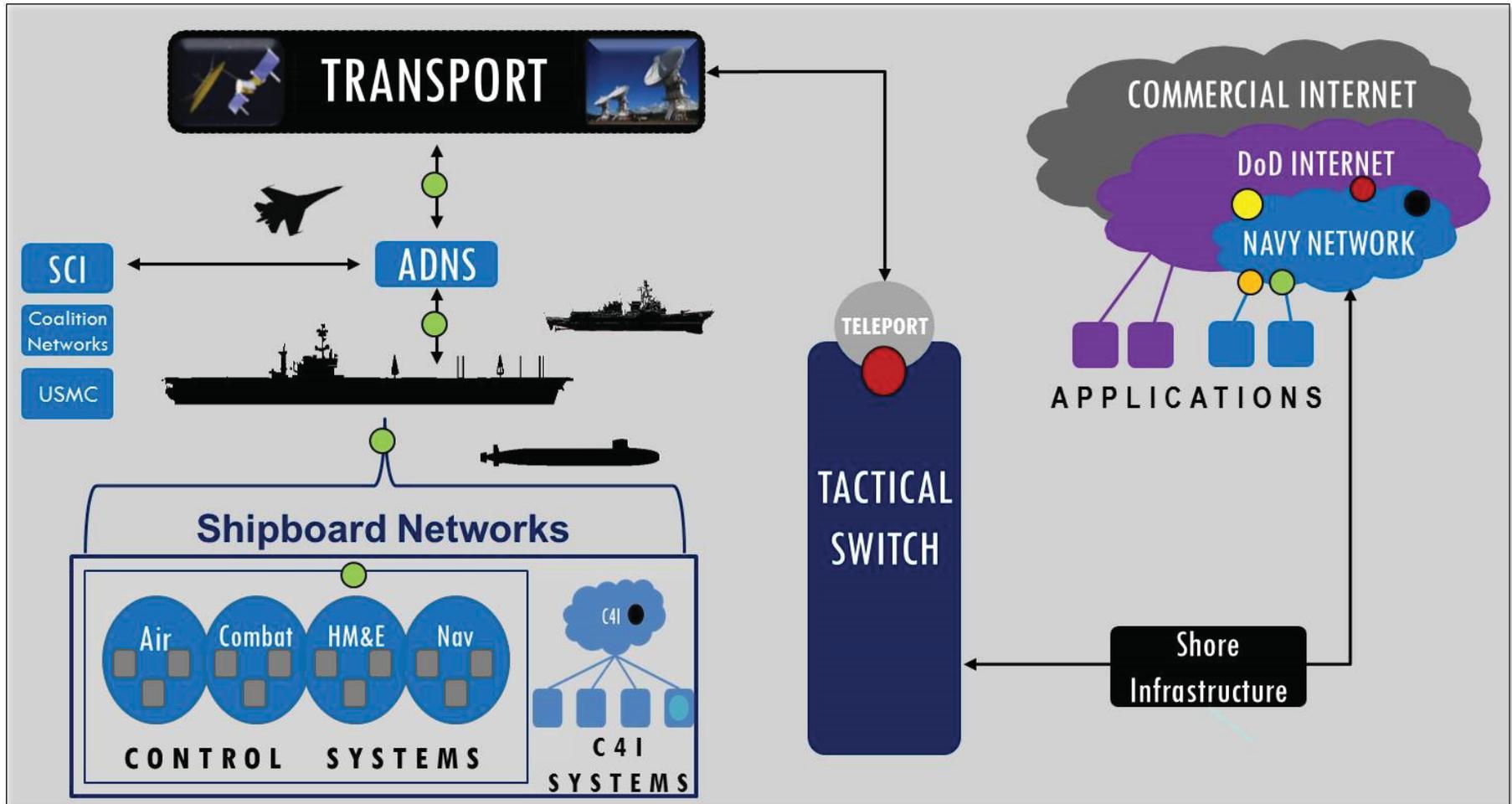
Digital Modular Radio (DMR)



Commercial Broadband Satellite Program (CBSP)



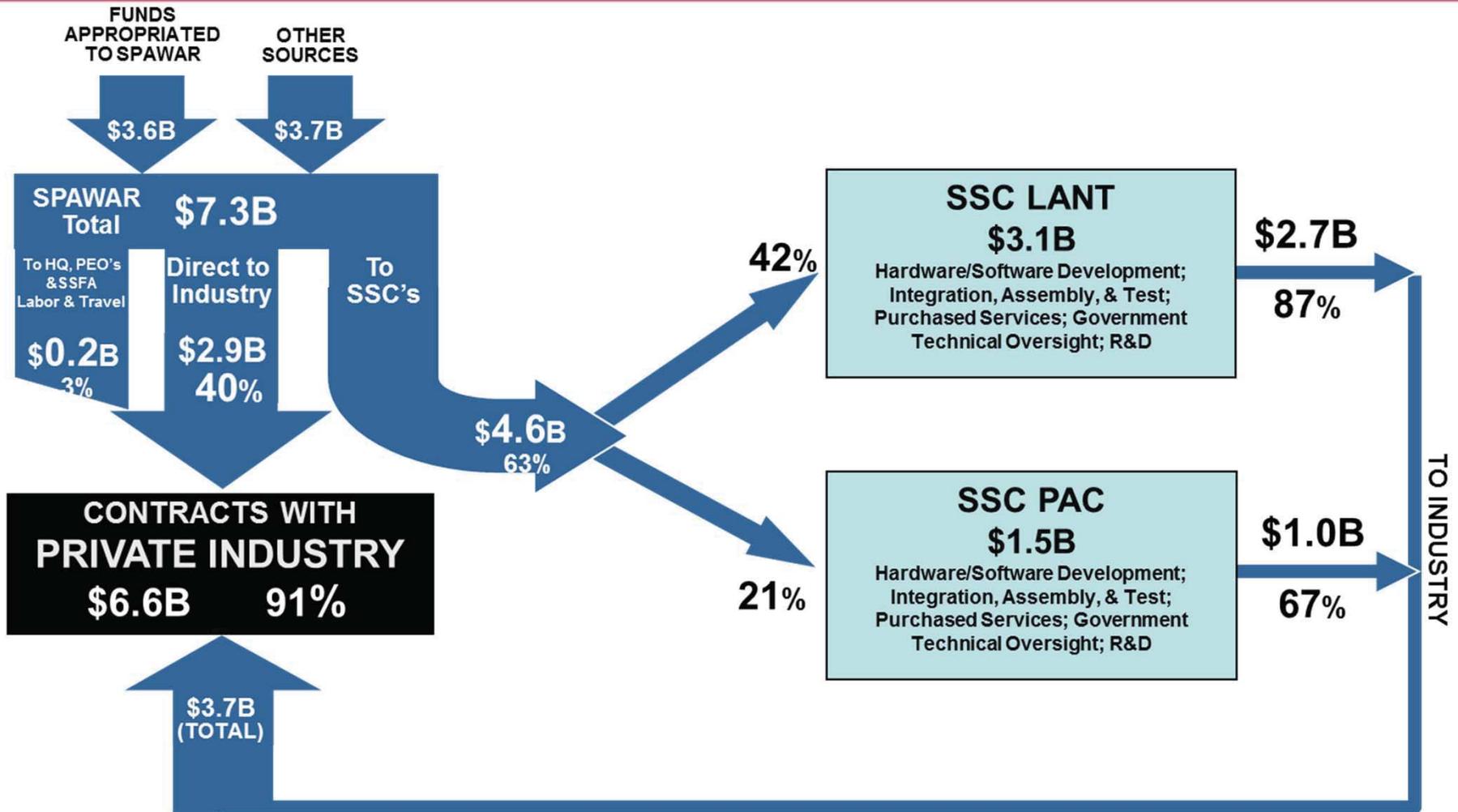
Cyber Security - Defense in Depth



- **External Boundary** – Access point between Navy & DoD
- **Demilitarized Zone** – External-facing systems
- **Internal Boundary** – Access point between Navy enclaves
- **Core Systems** – Users and internal apps hosts systems
- **Network Mgmt.** – Consoles monitor & manage enclaves
- **Defense in Depth** – Normalization of Networks



FY13 MACRO FUNDS FLOW



Sources: N-ERP

NOTES:

- SSC LANT includes Norfolk and NOLA; SSC PAC includes PAC General Fund (formerly NCTSI)
- Delta between SSC inflow and Outflow to industry is primarily associated w/ NWCF Labor Costs
- Outflow percentages total 106% representing that SPAWAR obligated more than its new funds received in FY13, this slide does not account for prior year(s) carry-in/over with regards to Inflows; however, these funds are account for in Outflow



Commander's Intent

- ▼ **A promise is a commitment.**
- ▼ **Cyber is a warfighting problem and requires an all hands on deck approach.**
- ▼ **There is opportunity in adversity. Take it.**



"Control of the information is going to be the key to the future. SPAWAR is the information dominance systems command and the technical agent providing and sustaining fleet capabilities through the entire spectrum."

- Chief of Naval Operations



SPAWAR Overview

