



# **NAVY PERSPECTIVE ON MODELING & SIMULATION**

## **DMSO Industry Days '99**

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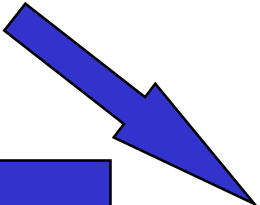
# Navy's New Directions

## Roadmaps

- **Joint Vision 2010**
- **Forward...From the Sea**
- **Operational Maneuver  
From the Sea**

*“...carry out swiftly and effectively any naval, joint or coalition mission and to prevail decisively over any foe...”*

1997 Forward From the Sea



*“The explosion of new technologies has transformed the way militaries conduct warfare. Capabilities available today were not considered possible a mere decade ago.”*

1998 DON Posture Statement

## Technology Initiatives

- **Network Centric Warfare**
- **Information Technology-21**
- **Navy-Wide Intranet**
- **Fleet Battle Experiments**

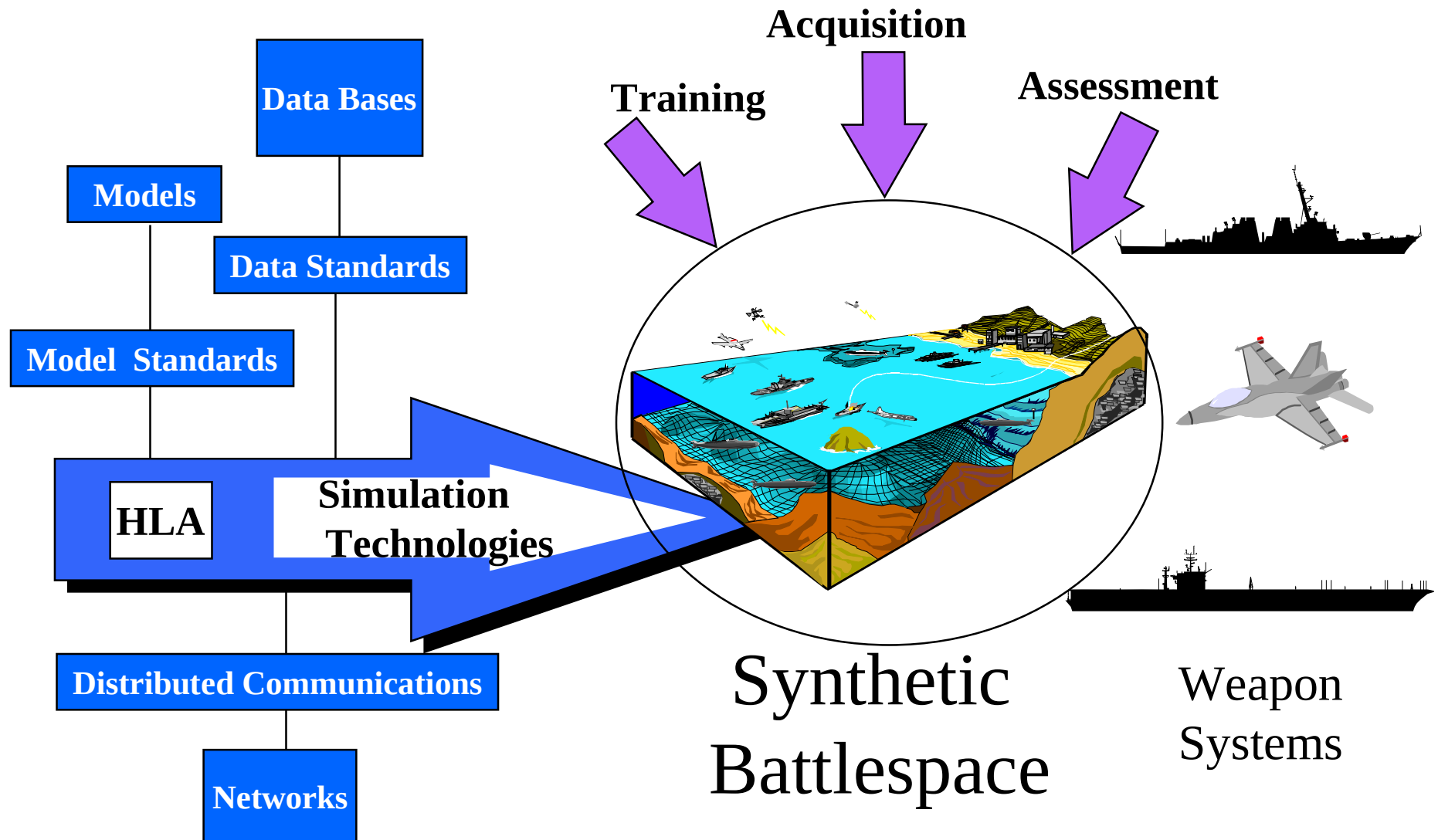
# Navy's M&S Vision

- Support the twenty-first century warfighter to meet current and emerging operational requirements in a timely and efficient manner.

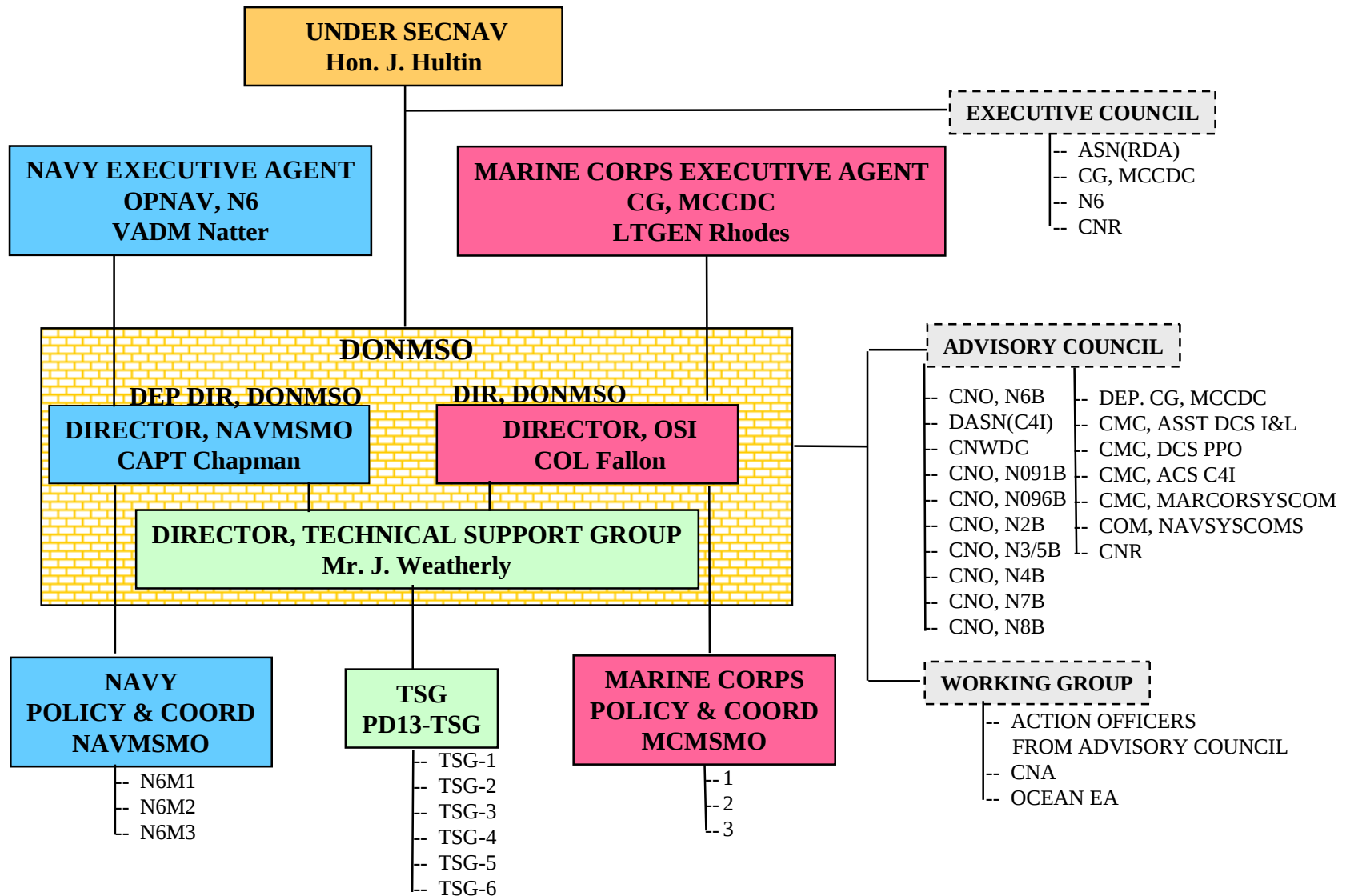


- Interface to the warfighter's real go-to-war systems so that the view in the simulation world mirrors that of the real world.

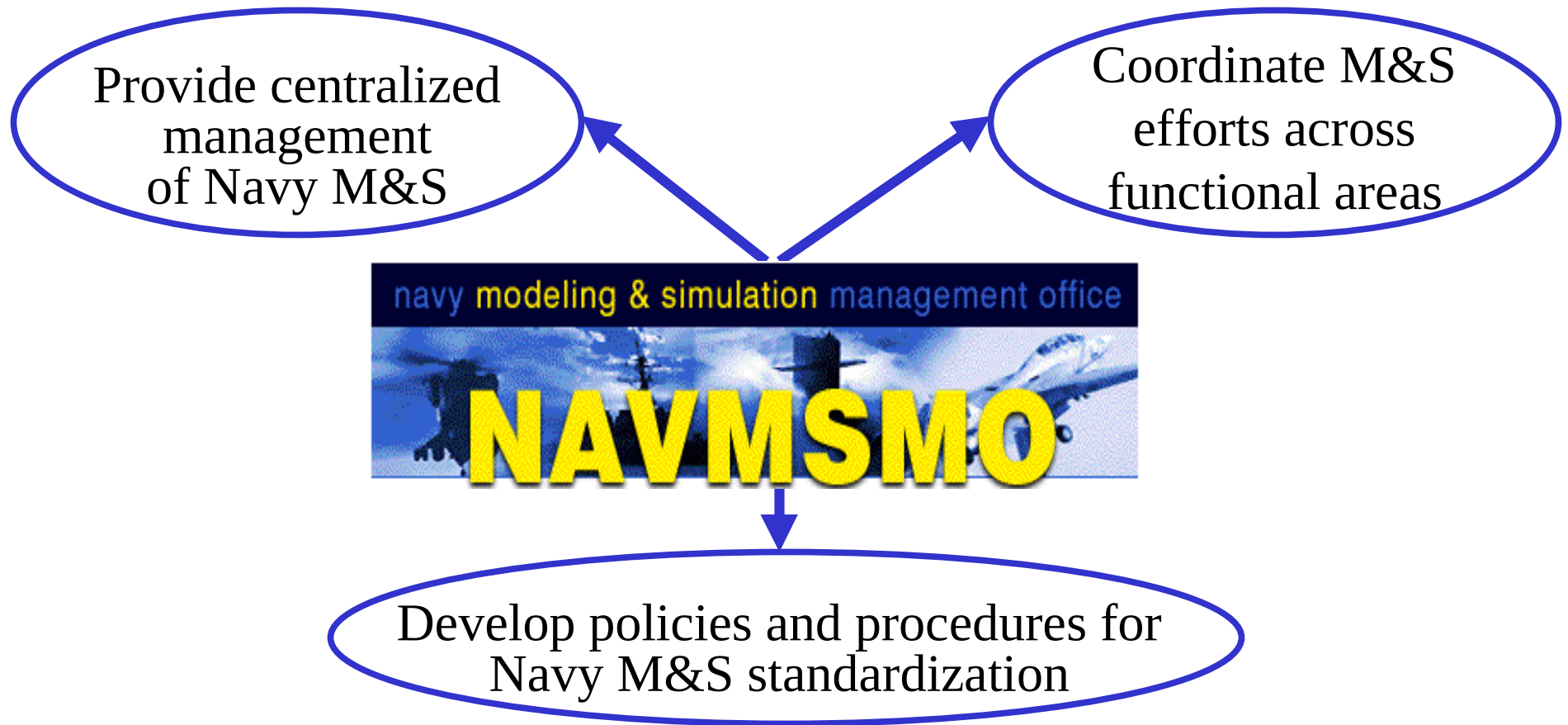
# Building the M&S Environment



# DON M&S Organization



# NAVMSMO Role



**Break the Stovepipe Management of Corporate Navy M&S**

# NAVMSMO Home Page

<http://navmsmo.hq.navy.mil/>



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navy modeling & simulation management office



# NAVMSMO

**Navy M&S catalog** 

Search the Navy Modeling and Simulation database repository.

**news & events** 

Browse through our M&S events calendar and weekly news briefs.

**help desk** 

Call our hotline for answers to your Navy M&S questions.

**policy & guidance** 

Planning documents and guidance from the Navy and DoD.

**resource library** 

Links to M&S publications, forums, briefings, journals, Internet sites, databases, and images.

**about NAVMSMO** 

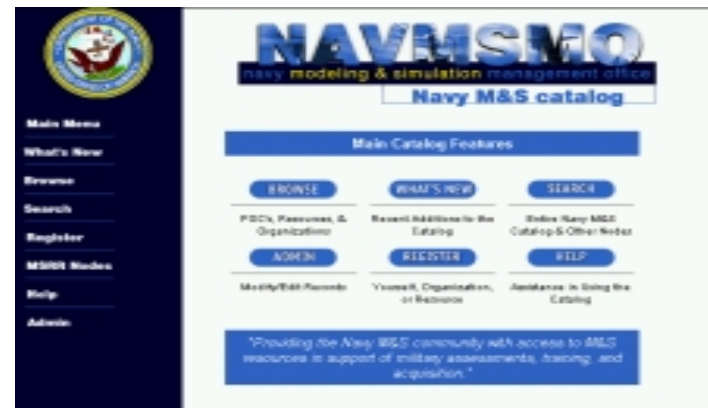
Our mission, goals, and objectives.

**your internet resource for Navy M&S information**

# NMSIS

## Navy Modeling and Simulation Information System

- The Navy MSRR - Modeling and Simulation Resource Repository
- Provides a centralized, single point of contact for the Navy M&S community
  - users
  - managers
  - workgroups
  - developers
- Fosters the reusability and interoperability of Navy M&S



**See NMSIS On Display Today**

# VV&A

- SECNAV Instruction 5200.40 for VV&A  
signed 19 April 1999

**Ensure Accurate Representations of  
Naval Systems and the Natural Environment**

# NAVMSMO Current Interests

- Return on Investment (ROI): M&S support to the fleet
- Authoritative representation of the ocean environment and of Navy systems
- Y2K compatibility
- HLA compatibility
- VV&A
- M&S standards and federations
- Interoperability



# Summary

- Are we making M&S relevant to the Fleet?
- What policies would help industry advance M&S development?
- Challenges to my office:
  - Does M&S provide a measurable ROI?
  - Is M&S overly resourced?
- Industry can help!

