

# DoD M&S Governance: Vision, Implementation, Progress *The M&S Roadmap to Success*

DoD M&S Steering Committee Chairman's Presentation

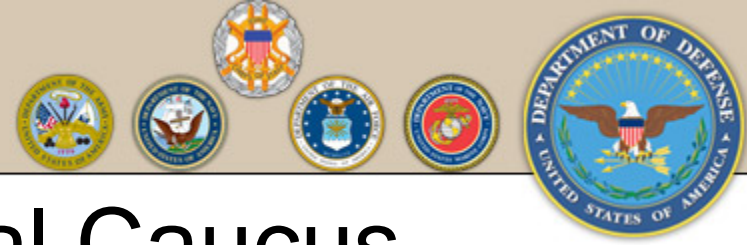


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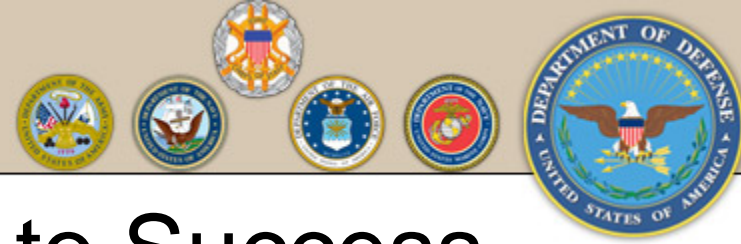
# M&S Congressional Caucus Challenge

“I challenge the M&S communities to better communicate in simple terms the importance of modeling and simulation and to describe its value as a nationally critical technology.”

*Congressman Randy Forbes*

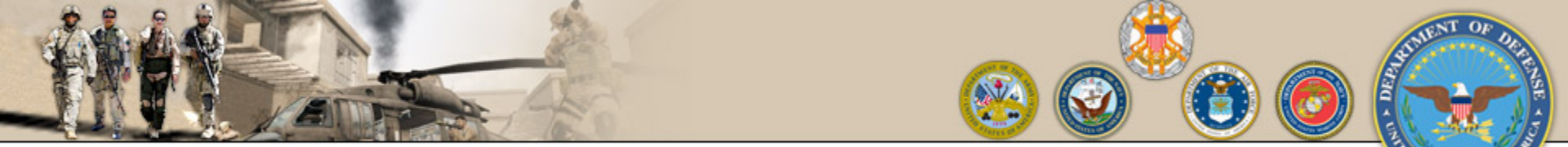
***If we don't begin to describe the value of M&S we will increasingly lose support.***





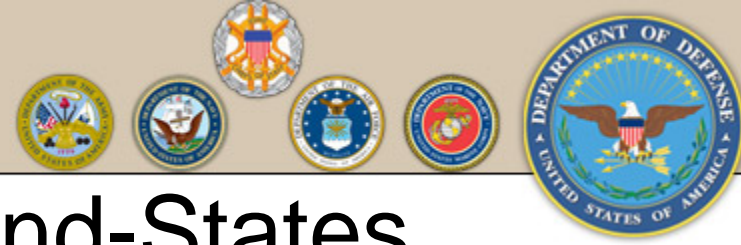
# DoD M&S Roadmap to Success

- **Vision:** Strategic Perspective
  - DoD M&S Strategic Vision
  - DoD M&S Vision End-States
- **Implementation:** M&S Leadership
  - DoD M&S Governance and Management
  - M&S SC Approach and Analysis
- **Progress:** Reaching the goals, implementing the vision
  - DoD M&S Ongoing Efforts
  - Expected Outcomes
- **Challenge:** Achieving necessary standards



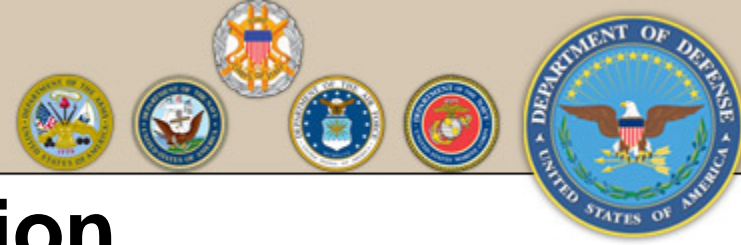
## ***DoD M&S Vision***

***Empower DoD with Modeling and Simulation capabilities that effectively and efficiently support the full spectrum of the Department's activities and operations.***



# DoD M&S Vision End-States

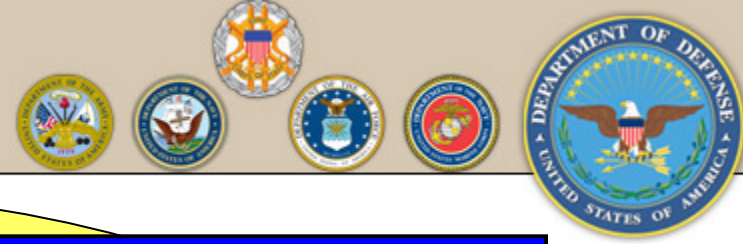
- Foundational M&S architectures, standards, and environments
- Effective policies that promote interoperability, minimize duplication, and leverage M&S capabilities
- Efficient management processes for models, simulations, and data
- Easily understood validation, verification, and accreditation guidelines
- Advance and promote M&S across communities
- Fiscal philosophy to “spend each M&S dollar like it was your own.”



# Implementation

## DoD M&S Governance and Management:

- Uses Board of Directors approach (M&S SC)
- Enables visibility across M&S enterprise
- Enables the Department to more effectively meet its operational and support objectives across Services' diverse activities, combatant commands, and agencies.
- Encourages collaboration and facilitates sharing of data across DoD components
- Promotes interactions between DoD and other government agencies, international partners, industry, and academia.



**New M&S Governance and Management Structure Organized by Communities.  
Designed to Support & Integrate M&S Activities across the Department.  
Led by a 1 to 2 Star M&S Steering Committee (M&S SC) to provide governance.**

**Acquisition**  
AT&L

**Analysis**  
PA&E  
& JS

**Planning**  
JS  
& Policy

**Testing**  
DOT&E  
& AT&L

**Training**  
P&R

**Experimentation**  
JFCOM

**M&S Practices**

**Common and Cross-Cutting M&S Tools**

**Common and Cross-Cutting M&S Data**

**Common and Cross-Cutting M&S Services**

**(SE FORUM)**

**(JADM)**

**(AP EXCOM)**

**(T2 ESG)**

**(JCDE EC)**

**Components**

OSD, Joint Staff, COCOMs, Services

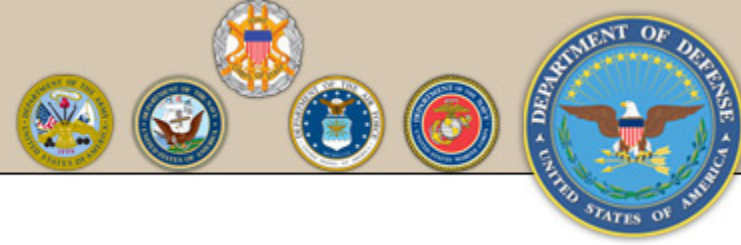
**Goal: Establish corporate M&S management to address DoD goals:  
Leads/guides/shepherds the \$Bs in DoD M&S investments; adds value  
thru metrics & ROI-driven priorities; and seeks to provide transparency.**



# M&S SC Approach & Analysis

## Goals:

- Act as facilitator to achieve DoD mission and operations
- Promote visibility, accessibility, and usage
- Lead, guide, and shepherd investments
- Add value through metrics & ROI-driven priorities



# Progress

- Implemented Governance and Management Structure
  - Codified in DoDD 5000.59
- Authored a DoD M&S Vision: Signed by 13 leaders across DoD
- Fostered Steering Committee-level collaboration
  - Involved fully Office of the Secretary of Defense, Joint Staff, COCOMs, Services, OSD/NII and USD(I) representatives
- Funding multi-community and Service programs that encourage interoperability

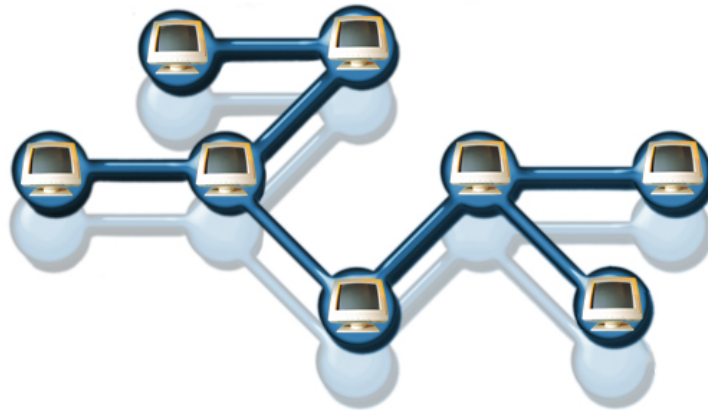


# Community & Service Interoperability A Story of Progress

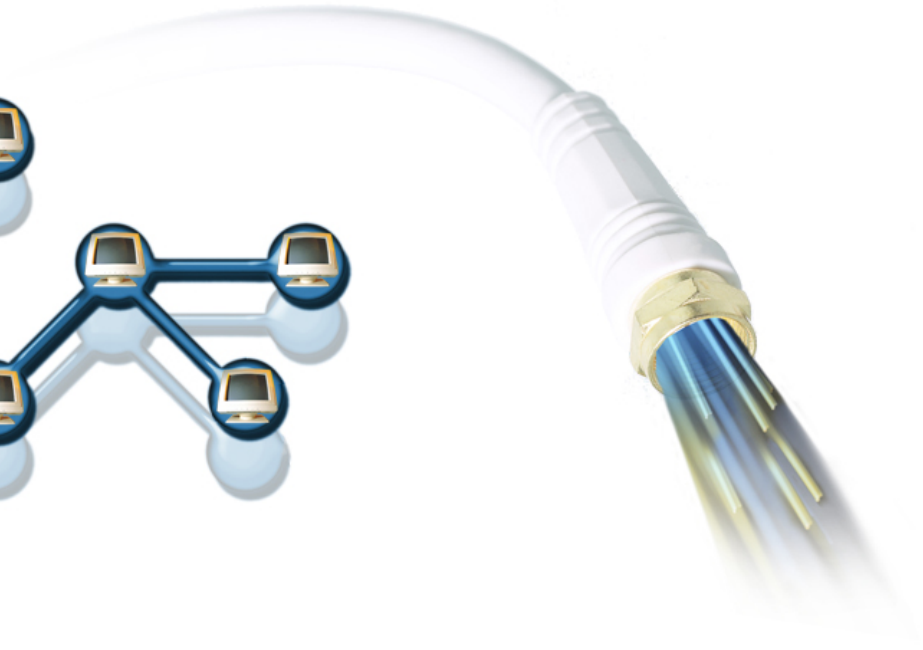
**Past**



**Present**



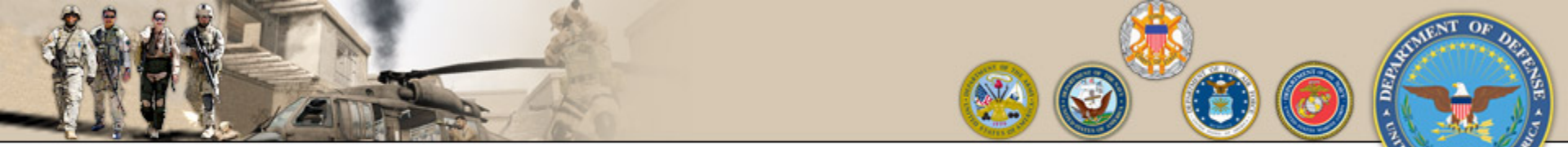
**Future**





# DoD M&S Ongoing Efforts

- Addressing common and cross-cutting M&S initiatives that impact the billions
  - Improving Process for Identifying Common and Cross-cutting M&S gaps
- Developing Community-level Business Plans
- Continuing to stress effective management in communities enabled by M&S



## Ongoing Efforts (Cont)

- Identifying and funding projects that have DoD-wide impacts
- Aligning FY 09 and out-year M&S needs with POM cycles
- Developing metrics for ROI
- Developing and executing M&S strategic outreach



# DoD M&S – Answering the Challenge

We need your ideas and active participation in getting the word out on :

- Strengthening M&S tools, services, data across DoD
- Communicating the importance of M&S
- Promoting interoperability and reuse
- Increasing visibility and accessibility across the defense community

# Discussion

