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# DoD Modeling and Simulation Conference Executives' Panel

11 March 2008

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# Report Documentation Page

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What Policies/Programs  
Do We Need in the M&S Vision  
~~For 2020~~  
In 12 years



## VISION

- **Provide readily available, operationally valid environments for use by the DoD Components:**
  - To train jointly, develop doctrine and tactics, formulate operational plans, and assess warfighting situations.
  - To support technology assessment, system upgrade, prototype and full-scale development, and force structuring.
- **Common use of these environments will promote a closer interaction between the operations and acquisition communities in carrying out their respective responsibilities. To allow maximum utility and flexibility, these modeling and simulation environments will be constructed from affordable, reusable components interoperating through an open systems architecture.**

## OBJS

1. **Common Technical Framework**
2. **Authoritative Representation Natural Environment**
3. **Authoritative Representation Systems**
4. **Authoritative Representation Human Behavior**
5. **Infrastructure to Meet Developer and End-User Needs**
6. **Share the Benefits**

## VISION

- Empower DoD with modeling and simulation capabilities that effectively and efficiently support the full spectrum of the Department's activities and operations.
- A robust modeling and simulation (M&S) capability enables the Department to more effectively meet its operational and support objectives across the diverse activities of the services, combatant commands, and agencies. A defense-wide M&S management process encourages collaboration and facilitates the sharing of data across DoD components, while promoting interactions between DoD and other government agencies, international partners, industry, and academia.

## Goals

1. Standards, architectures, networks and environments
2. Policies at the enterprise level
3. Management processes for models, simulations and data
4. Tools in the form of models, simulations, and authoritative data
5. People

**DoD Memo: Strategic Vision for DoD Modeling and Simulation, 24 AUG 2007**

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DoD M&S Master Plan, October 1995

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8

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9

## WHAT'S COMMON

A LOT – in general

## WHAT'S NOT

- More General – More WHAT not HOW
- Limit proprietary restrictions
- Make capabilities, limitations and assumptions easily available

**From 1996 to 2008: A move towards the Broad vs the Specific**

2008

VISION

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2020

VISION

?

OBJs

Strategic Vision for DoD Modeling and Simulation 2020, TBP

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## WHAT'S COMMON

A LOT – in general

## WHAT'S NOT

- General/Specific – WHAT and SOME HOW
- Retains “enduring” themes
- Inclusion of Focused Areas where M&S Capability Gaps exist (maybe even now)

From 2008 to 2020: Retains the Broad with Selective Specifics

## VISION

- Provide M & S capabilities that effectively and efficiently support the Preparation and Prosecution of National Defense.
  - Collaboration
  - Reuse
  - Authoritative M&S and data

1. Standards  
2. Policies  
3. Tools  
4. Data  
5. People

OBJs

6. Focus Areas
- Irregular Warfare
  - Disaster Relief
  - Model Ready Data & Data Ready Models
  - ???

Strategic Vision for DoD Modeling and Simulation 2020, TBP

# BACKUP

VISION



OBJs

**Strategic Vision for DoD Modeling and Simulation 2020, TBP**

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