How Can the Community Increase the Effectiveness of M&S in Support of Acquisition?

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Summary

- The DoD is facing a critical challenge to improve acquisition in an era of reduced budgets.
- M&S can be an enabler for offsetting budget reductions and improving acquisition outcome.

Challenges
- Technologies are attainable, but will require focused efforts to validate and implement.
- Process changes to use new technologies and increased discipline at key decision points very challenging.
- Process and data/model ownership critical to success – will require collaborative government and industry approach.

NDIA Members represent key industry process owners – need to collaborate with government to help lead acquisition process changes.
One Course of Action

No Time or Resources!

Applications??

Proprietary!

More Data!!

Program Manager

Modeler

Industry

Tester
Or a Different Approach?

**Sustainable Industry/Government Consortium**

**Effective, Efficient Systems Engineering**

- Architecture
- Characteristics
- Lean/Six Sigma
- Leveraging M&S
- Introducing Technologies
Moving Ahead

• Forums?
  – NDIA
  – SE 2020 / Engineering Resilient Systems
  – Acquisition Community – ATL, Service Chains

• WIFM?
  – Taxpayer – strong defense in declining budget
  – Warfighter – capability on time and cost
  – Acquisition Community – revitalized, effective processes producing more outcome per dollar
  – Industry – More program opportunities for fixed top line DoD budgets, shorter time to market
  – M&S and T&E Communities – Quantifiable value proposition, sustainability