Outline

• Technology
• Workforce development
• Industrial development & organizational relations
• Business practice & economic impact

Presentation format:
Item title
• Description
• Significance
• AMSC recommended action

Presentation available:
cmsa.uah.edu > Downloads

Presentation source:
AMSC Position Paper
Technology

- Conceptual modeling
  - Abstract model identifying objects, actions of interest
  - Valuable for setting requirements, designing model
  - Support establishment of M&S research agenda

- Distributed test & evaluation
  - Networked M&S environment for T&E
  - Enables linkage of distributed LVC assets
  - Support R&D in distributed T&E frameworks

- Virtual targets
  - Validated digital models (IR, RF, visual) of targets
  - Reusable models, accessible on-line
  - Continue support for this on-going activity
Workforce development

• M&S Body of Knowledge
  ▪ On-line organized index of topics composing M&S
  ▪ Defines discipline for education, training, certification
  ▪ URL reference in Caucus page to BOK page

• CMSP revitalization
  ▪ Updates (process and questions) to CMSP exam
  ▪ Professional certification enhances M&S competence
  ▪ Consider CMSP certification in acquisitions

• M&S degree program
  ▪ University degree program (M.S., Ph.D.) in M&S
  ▪ Produce graduates well-prepared for M&S work
  ▪ Implement “M&S Programs” portion of H.R. 4137
Industrial development & organizational relations

- National M&S peer-to-peer relationships
  - AMSC engagement with other M&S organizations
  - Fosters coordination, collaboration, dissemination
  - Support requirements for national M&S consortium

- Government, industry, academic collaboration
  - AMSC engagement with M&S community
  - Understand M&S agendas, infrastructure, usage, needs
  - Establish channels to government M&S users
Business practice and economic impact

• Economics of M&S
  ▪ Understanding of business model for M&S enterprises
  ▪ M&S benefits sustained by M&S business success
  ▪ Maintain awareness of M&S economics activities

• Base Realignment and Closure
  ▪ Significant BRAC moves into AMSC region
  ▪ Growth and change in region’s M&S activities
  ▪ Fully support “brick and mortar” BRAC components

• NAICS codes
  ▪ Standard codes to classify businesses; no M&S code
  ▪ Used for official statistics, analysis
  ▪ Request status of M&S codes from Census, SBA