Live-Virtual-Constructive Simulation
Integrated Environment for the USAF

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11 March 2008
DoD M&S Conference
1. REPORT DATE          2. REPORT TYPE     3. DATES COVERED
11 MAR 2008            N/A              -

4. TITLE AND SUBTITLE
Live-Virtual-Constructive Simulation Integrated Environment for the USAF

5a. CONTRACT NUMBER
5b. GRANT NUMBER
5c. PROGRAM ELEMENT NUMBER

6. AUTHOR(S)

5d. PROJECT NUMBER
5e. TASK NUMBER
5f. WORK UNIT NUMBER

7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)
U.S. Air Force

8. PERFORMING ORGANIZATION REPORT NUMBER

9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)

10. SPONSOR/MONITOR’S ACRONYM(S)

11. SPONSOR/MONITOR’S REPORT NUMBER(S)

12. DISTRIBUTION/AVAILABILITY STATEMENT
Approved for public release, distribution unlimited

13. SUPPLEMENTARY NOTES

14. ABSTRACT

15. SUBJECT TERMS

16. SECURITY CLASSIFICATION OF:

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17. LIMITATION OF ABSTRACT
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18. NUMBER OF PAGES
7

19a. NAME OF RESPONSIBLE PERSON

Standard Form 298 (Rev. 8-98)
Prescribed by ANSI Std Z39-18
“...allow us to demonstrate the flexibility, responsiveness and utility of air power in peace and war.”

“...get senior leadership understanding and involvement in the development of an accelerated Air Force M&S Program.”

source: A New Vector for Air Force Simulation, Gen Ronald Fogleman, Air Force Chief of Staff, Jan 95
**MISSION**
- Orchestrate and provide AF support for OSD, Joint, and AF M&S activities
- Facilitate the appropriate representation of air, space, and cyberspace in M&S
- Explore new warfighting concepts, roles, and missions
- Ensure AF personnel have the appropriate M&S skills, experience, and training
- Maintain configuration control for and modernize selected models
- Establish high level architectures, interoperable databases, protocols, and standards
- Act as a central repository and / or access point for AF M&S knowledge

**VISION**
The Air Force Center of Excellence for modeling and simulation delivering realistic, reusable, and cost-effective tools for operations, training, analysis, and acquisition support – ensuring the contributions of air, space & cyberspace are accurately represented to the Joint Warfighter.

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**Orlando Personnel**
- Military: 16
- Civilian: 15
- Contractor: 25

**Budget – FY08**
- AFAMS: $3M
- AFRL: $47M
- 677 AESG: $407M
- 507 ACSS: $523M

**Training Systems Product Group**
- Air Force Research Lab
- 677 Aeronautical Systems Group
- 507 Aircraft Sustainment Squadron

Air Force organizations that support warfighter training through the use of modeling and simulation techniques. Collectively provide the warfighter with a full range of training system lifecycle support.

**MISSION**
Lead the development, acquisition and sustainment effort necessary to meet every MAJCOM’s simulation and training requirement.

**VISION**
Provide the world’s best training systems to the combat forces of today and tomorrow.
2007 Challenges

Weapon System Capabilities

Range Capabilities / Limitations

Asset Availability

AFSO 21

PBD 720

Everything Has a Joint Context
LVC Capabilities
What Are We Trying To Do?

Training:
- Mission Rehearsal
- DMO
- AOC
- Exercise Support

Testing (Accelerated Development):
- Developmental Test
- Operational Test
AFAMS

Advancing Air Force M&S

To Support the Warfighter