Invitation to the XMSF Transformation Workshop

Where: Virginia Modeling, Analysis, and Simulation Center (VMASC),
7000 College Drive, Suffolk, VA 23323.

When: Thursday, May 15, 2003; starting at 8:30 AM; ends at 4:00 PM.

Who: By invitation only; please contact atolk@odu.edu

The Extensible M&S Framework (XMSF) in intended to enhance the High Level Architecture (HLA) by applying open standards and open sources to increase the efficiency and applicability of distributed simulation systems. In other words, XMSF can be described as an evolutionary step toward advanced distributed simulation using open standards – in particular standards related to the web – complementary to the HLA to reach the next level of this domain of distributed computing.

In the end of 2001, chief architects for M&S applications of the Modeling, Virtual Environments and Simulation (MOVES) Institute of the Naval Postgraduate School in Monterey, CA, the C3I Center of George Mason University in Fairfax, VA, and SAIC in San Diego, CA, started to harmonize their efforts to apply commercially viable integration efforts to distributed M&S challenges. In late 2002, the Virginia Modeling, Analysis, and Simulation Center (VMASC) of the Old Dominion University in Suffolk, VA, joined the circle of the XMSF partners to tighten the relations between the M&S and the C4I community using similar technical solutions for establishing their future system architecture frameworks. The most recent report with the latest findings can be downloaded from the XMSF website at the MOVES Institute: http://www.movesinstitute.com/xmsf.

In summary, XMSF is seen as an enabling information technology backbone to support the transformation of the armed forces by bringing M&S applications to the Warfighter. You are invited to learn how U.S. JFCOM can apply XMSF to their missions. The XMSF Transformation Workshop will be conducted to start a discussion on possible applications and collaborations. Furthermore, outcome of this XMSF workshop will be a crisp set of goals and requirements to successfully demonstrate XMSF capabilities in upcoming U.S. JFCOM events.

Agenda:
- Outbrief of the Composable Mission Space Environment Workshop: M&S and C4I
- Overview of XMSF
  - Scope, Definitions, History
  - Recent Workshops and Activities
- XMSF for Transformation and Net-Centric Warfare / Implications for U.S. JFCOM
- Examples of XMSF Applications
  - XMSF Web-Enabled RTI
  - Open Standards-Based HLA-ADL Integration
  - XMSF Web Services exemplars
    - SAVAGE 3D Model Library
    - On-Demand DTED Terrain Visualization Services
  - XMSF C4I Testbed / Battle Management Language (BML) / Battlespace Generic Hub (BGH)
  - XMSF Distributed Common Experimentation Environment (DCEE) Viewer (XDV)
- User and Customer Presentations and Requirements
  - Exercise and Experimentation Support by XMSF
  - Demonstration Requirements, Components, and Action Plans

If you are interested in giving a presentation, please contact atolk@odu.edu.