



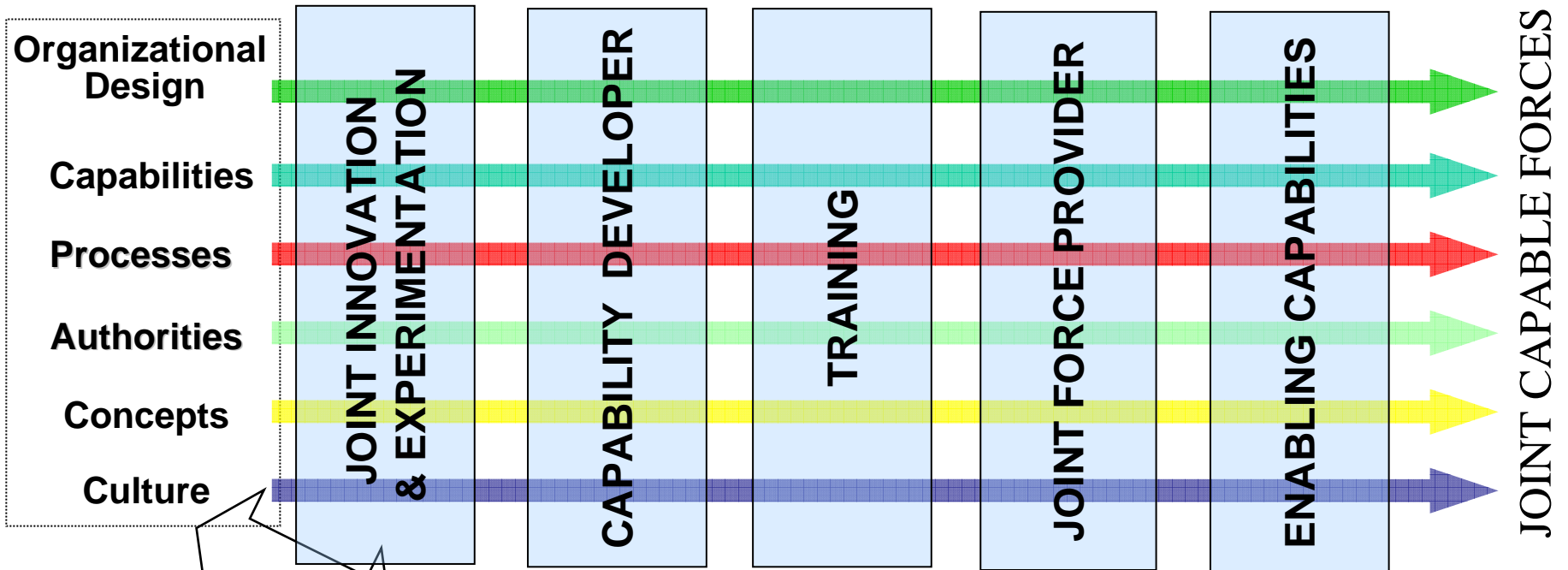
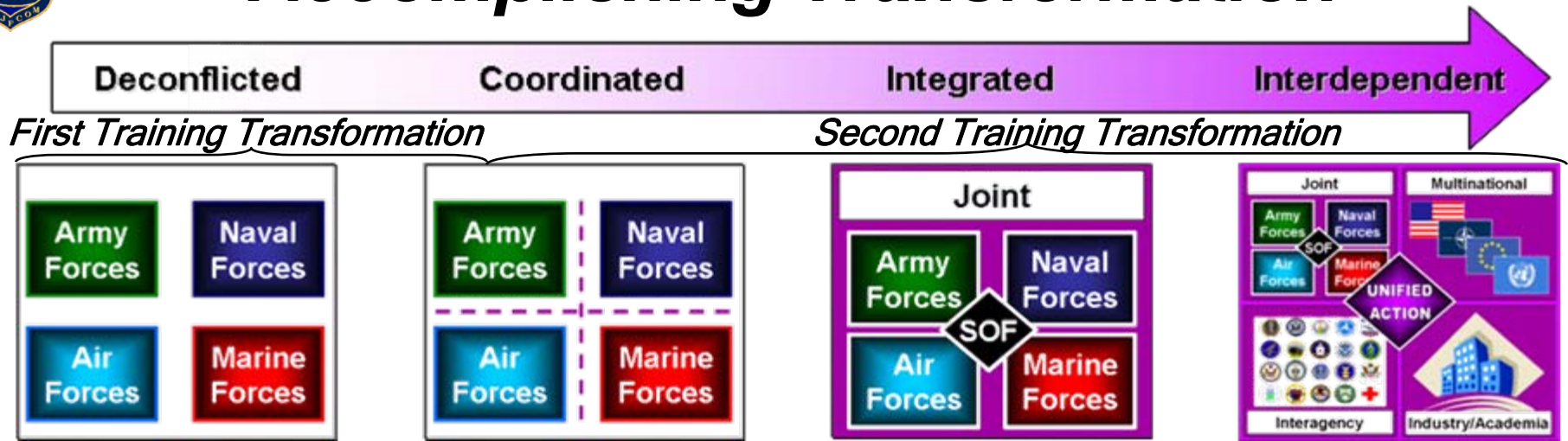
The Growing Importance of Modeling & Simulation to Joint Transformation

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USJFCOM Joint Warfighting Center

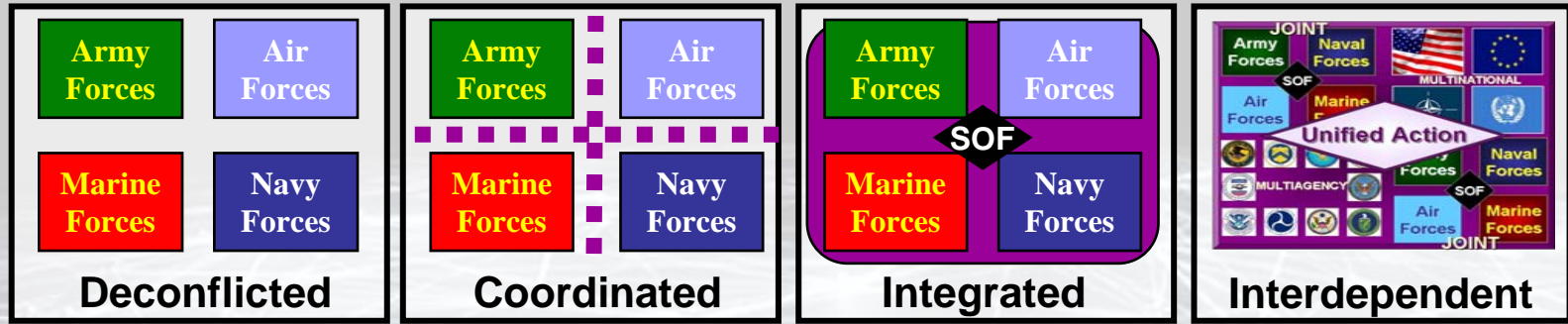


Accomplishing Transformation



Enabled by Modeling & Simulation

Training Transformation Strategy



1st Training Transformation
YESTERDAY

2nd Training Transformation
TODAY

TOMORROW

Collective

- Service Combat Training Centers
- Team Trainers
- Service Feedback
- Limited Ground Truth
- Joint Context/LVC
- Realistic Joint OPFOR
- Joint Feedback
- Common Ground Truth

- Interdependency Context
- Asymmetric OPFOR
- PMESII Feedback
- Effectiveness Truth

Segmented Operations

Individual

- Schoolhouses
- Correspondence courses
- Distributed Learning
- Joint Courseware

Full-spectrum Operations

- Knowledge & Contextual Play
- Training Anytime/Anywhere

Enablers

- Computer Technology
- Service Investments

- JTEN – IO Range Architecture
- Architecture & Standards
- LVC Integration
- Joint Incentives
- IO JMO—IOPC-J and T2

- Coalition Linkage/MLS
- Interagency Play
- Interdependence of Exp/Testing/IO/etc. Portfolio Management
- Joint IO Analysis & Planning Tools



M&S Challenges

- **Keep up with accelerating requirements**
- **Test, train, experiment and rehearse in a continuously available environment**
- **Reduce time and cost to set up exercises / simulations**
- **Encompass all real-world environments**
- **Provide interoperability across the Unified Action partners, i.e., interagency & multinational**
- **Develop a focused National investment strategy**

The World is Transforming but M&S is Evolving



USJFCOM Perspective

- **We need an efficient and effective Global Synthetic Environment solution that enables Unified Action.**
- **The Global Synthetic Environment is the combination of live, virtual, and constructive simulations that support training, experimentation, acquisition, test, analysis and planning.**
- **Evolution of our current capabilities is not enough; we must transform our approach to modeling and simulation.**

M&S is a Critical Enabler to Maintain our Edge



Joint Advanced Training Technologies Lab (JATTTL) Open House 1000 – 1100, Tuesday, February 27, 2007

- **JATTTL “101” Overview**
- **Demonstrations**
 - **Rapid Reconfiguration Capability**
 - **Joint Rapid Scenario Generation (JRSG)**
 - **Joint Mission Preparation Rehearsal and Operations (JMPRO) System**
- **Ops Training Using M&S**
 - **Live, Virtual, Constructive Joint Training Environment**
 - **Common Operational Picture Display**
 - **After Action Review**
- **Sign-up in Lobby by 1200 Today (Limited to 1st 100)**
- **Car Pool Preferred - Parking is Limited**
- **Maps and Directions Available**
- **Address:**
 - JATTTL Lab
 - Joint Technology Exploration Center Bldg
 - 112 Lake View Parkway
 - Suffolk, VA 23435
- **POC: Mr Scott Wood,
757-203-7375**