



U.S. AIR FORCE

# Air Force Agency for Modeling and Simulation

Lt Col Joseph Wright  
AFAMS  
13 June 2024



# Who We Are



## MISSION

*Champion enterprise multi-domain Modeling and Simulation concepts; develop capability-based requirements, conduct studies and analysis, foster collaboration, and drive modernization to advance Airmen preparedness and lethality.*

## VISION

*Through leadership and innovation, transform Modeling & Simulation for warfighter training and readiness to meet future operational needs.*



# Air Force M&S



## Three Pillars of Modeling & Simulation

- Training & Readiness ← **AFAMS**
- Test & Acquisition
- Decision Support



# How We're Organized



- (3) Divisions:
  - Exploration
    - Immersive Technology
    - AI / ML
  - Requirements
    - SCARS & C2SET
    - AODR for OTTI Boundary
  - Workforce Development
    - Courseware
    - KM



# Why Orlando?



- AFAMS intentionally placed in Orlando to leverage the “World’s M&S Mecca!”
- World’s largest concentration of training systems developers & human performance experts
- All DoD Services + Federal, State & Local Gov’t + Industry (>220 companies) + Academia
- Collaboration Examples: *Enterprise Data Services, Enterprise Network Guard (CDIS), Cyber Training, Multi-Domain Command and Control (MDC2)*



*Ops Training Synergy: Government – Industry – Academia*

# Championing Innovation



- **80% of the fighting force of 2027 exists and is operating today**
- **Innovation is thinking and approaching problems with a new mindset (and toolset)**



# Where We Need Your Help



- **Scenarios that are Whole-of-Service / Joint and Coalition-holistic**
- **Models that are timely, operationally relevant & realistic**
- **Entity counts that sufficiently express the modern battlefield**
- **EMOIE interactions that are accurate / physics-based**
- **Embrace Data-centricity**
  - **Three generations of aircraft sims and C2 need to interface seamlessly (Compatible)**
- **Distributed / Resilient / Multi-Level Security**

# Contact Info



**Lt Col Joseph Wright**  
**Program Manager**  
**AFAMS, Orlando, FL**  
**(407) 384-3670**

**[joseph.wright.2@us.af.mil](mailto:joseph.wright.2@us.af.mil)**

**Capt Richard Snyder**  
**Contracting Officer**  
**AFDW, JB Andrews, MD**  
**(240) 612-6182**

**[richard.snyder.12@us.af.mil](mailto:richard.snyder.12@us.af.mil)**





U.S. AIR FORCE



**QUESTIONS?**