SE Tactical/Strategic Focus Areas

• **Tactical**
  - Near term SE transformation; Agile, Architectures, linked multi-site platform Modeling & Simulation Environments, User friendly tools
  - System Safety Integrity/Consistency in Implementation
  - IT/IA Tech Authority and implementation

• **Strategic**
  - Articulating and decomposing cyber/system security requirements; implementing risk management framework in SoS context
  - Enabling mission systems engineering with appropriate tools, views/architectures, insights, allocations, interfaces, SETR integrity
  - Long term SE transformation; SE modeling, mission architectures, leading indicators, completion of effects chains
  - Promulgation to SE practitioners across geographic and competency boundaries
  - Leading/influencing SE policy/process development with OSD(AT&L)/SE, Component Acquisition Executives, industry
  - Sustained, mission level M&S environments
  - Applying specialty engineering at mission levels; A_o, Reliability & Maintainability, Risk Management, Spectrum, Anti Tamper

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Transforming how we operate across the Systems Engineering “V”

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GATE

**Mission Level Architecture Verification**

JROC / OPNAV identify Mission Level Performance Drivers to Deliver Warfighting Effects

**Allocation of Architectures / ICD To Systems**

PMs, Warfare Centers, SYSCOMs historically function in this domain; aligned with Funding

**System Component System Req’ts**

**Sub-System Req’ts**

**Component Design**

**Sub-System Design**

**Component Unit Test**

**System I&T**

**Sub-System I&T**

**System I&T**

**Operational Node Integrated Test**

**OPEVAL**

**CBT&E**

**Inform**

**Allocate**

**Test**

**Discover**

**Model**

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Questions?

Mr. Stu Young
Director, Systems Engineering Department, AIR-4.1
(301) 757-2328
stu.young@navy.mil