# Mr. Lee James, SES
# Deputy Program Executive Officer

## Advancing Today's Training … Defeating Tomorrow's Threats

# Agenda

- Introduction and Welcome
- Panel discussion with Q&A:
  - OTAs
  - MOSA
  - Agile Methods
  - Technology Gaps
- Closing remarks and Summary

# Panel Introductions:

| | |
|---|---|
| **PM SE:** | Mr. John Gillette, Project Manager |
| | Mr. Amit Kapadia, Chief Engineer |
| **PM CT2:** | Ms. Christina Bell, Deputy Project Manager |
| | Mr. Robbie Parrish Jr., Chief Engineer |
| **PM TRADE:** | COL Thomas Monaghan, Project Manager |
| | Mr. Jesse Campos, Chief Engineer |
| **PL ETI:** | Mr. Brian Kemper, Chief Engineer |
| **CTO:** | Mr. Marwane Bahbaz |

## Technical Exchange Meeting (TEM) Objectives:

Facilitate open communication, collaboration, and knowledge sharing between PEO STRI and industry partners.

# Other Transaction Agreements (OTAs)

**Strengths:**

- Flexibility & Speed.
- Attract Non-Traditional Vendors.
- Encourage Risk Taking.
- Rapid Response to Capability Needs & Changes.
- Suitable for Prototyping.
- Low-Risk Termination.

**Weaknesses:**

- Lack of Consistent Structure.
- Accountability Concerns.
- Government Under-Involvement
- Not Suitable for Commercial Off-The-Shelf (COTS) products & mature designs.
- No CPAR Reporting.
- DoD/Other Agencies adding red tape to OTA processes.
- Lack of understanding in Pentagon / on Hill of OTA utilization & implementation.
- International Considerations



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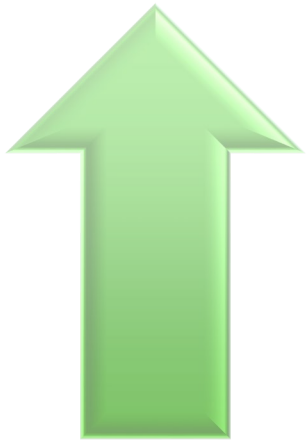
# Agile Methods



**Strengths:**

- Continuing Iterative Improvement.
- Increased Adaptability.
- Improved Stakeholder Engagement.
- Delivers Products Iteratively.
- Soldier-Centric Design.
- Rapid Rework and Prioritization.

**Weaknesses:**

- Agility vs. Runaway Scope Creep.
- Inflexible Government Processes and Cultural Barriers.
- Too much “flexibility” potentially leading to ill thought-out procurement processes and frequent stake holder changes of mission.
- Rituals without Results.
- Challenging Timelines.
- Limited Understanding by Key Stakeholders.



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# Modular Open Systems Approach (MOSA)

## Strengths:

- Standardization
- Emerging Technologies
- Ongoing Updates
- Industry Feedback
- Warfighter utilization of nested training systems at Home Station & Combat Training Centers
- Enterprise Architecture

## Weaknesses:

- PDK Maintenance
- Repository Needs
- Cross-Community Coordination



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# Technology

## Highlighted Gaps

- All-Domain Operations Modeling
- Cyber Range Capabilities
- Digital Twin Infrastructure
- Cybersecurity Friction
- Upgradable training systems IOT rapidly/efficiently replicate current threats during training

## Insights

- Day 2 Operations
- Data-Driven Decision Making
- Cloud Delivery vs. heavy server footprint
- Technology Fragmentation
- Scalability and Progress
- Autonomous and Robotics Technologies
- Deliver “good enough” capability faster…then enhance based off threats

## Enterprise-Wide Gaps

- Simulation Electronic Warfare
- Radio Frequency Jamming
- Cyber Engagements (modification)
- Augmented Reality
- Artificial Intelligence
- Intelligence Radio Frequency Network



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# Closing Remarks/Summary

- TEMs to be led by PEO STRI quarterly, in lieu of Standard PALT
- Requesting industry recommendations/ input on topics for next TEM
  - Next TEM:  13 May 2025 (T)
- One on One engagements (Post TEM) to be scheduled as requested

**https://www.peostri.army.mil/Engagement-Request/**

# AUSA Tech Exchange Feb 25

AUSA
SUNSHINE CHAPTER

- Thanks for those who attend the Pre ~~PALT~~ Tech Exchange social last night at Island Wings UCF. Thanks for sponsoring Engenium.
- Next Pre PALT social 10 Mar 25 at Island Wings sponsored by CESI (T).
- Next CFL AAAA social Feb 14th at Froggers. Great place for Valentine's day…. Q4 is the sponsor. Membership night.
- General Membership Meeting 24 APR 25 COL Jason West, STE CFT Director, Holiday Inn UCF.
- Army 250th Birthday Ball 21 Jun 25 Dr Phillips Center. Website coming soon!
- SPC Brenden Salazar Memorial 3rd Annual Golf 8 Sep 25, Eagle Creek
- Any questions Kevin Vizzarri kvizzarri@avtsim.com