

# Department of Defense Adoption of GenAI



## Enabling Decisional Advantage

to identify operation centers and weapons platforms where GenAI models can be integrated immediately and securely



## Enhancing Operations

for (1) logistics and sustainment; (2) investment and divestment decisions; (3) experimental course of action generation; (4) global force deployment management decisions



## Developing the Talent

by recruiting, developing, and retaining personnel that can develop mission-driven requirements for GenAI and evaluate, build, and employ AI tools for military effects



## Identifying New Defenses

by assessing what threats can be expected to arise, and begin to plan for additional defense measures, including counter AI-generated attacks by our adversaries

## Recommendations for DoD

- 1. Establish a Defense Experimentation Unit**  
to complement either the Defense Innovation Unit or the Chief Digital and AI Office, and provide for much-needed operational experimentation and iteration with AI models.
- 2. Build an Automated Orchestration Platform**  
- a GenAI-powered interface that can access relevant tools and datasets, receive user prompts, break down queries into specific tasks, and complete those tasks with either partial or full autonomy.
- 3. Develop defense-tailored generative AI models**  
trained on specific military terms and jargon, secured from revealing the data they were trained on, and the content of prompts and their outputs, inspectable and instrumented by cleared researchers, and broadly accessible to cleared personnel, including for operational purposes.