# ACQUIREAI - AI PLATFORM FOR ACQUISITION MANAGEMENT

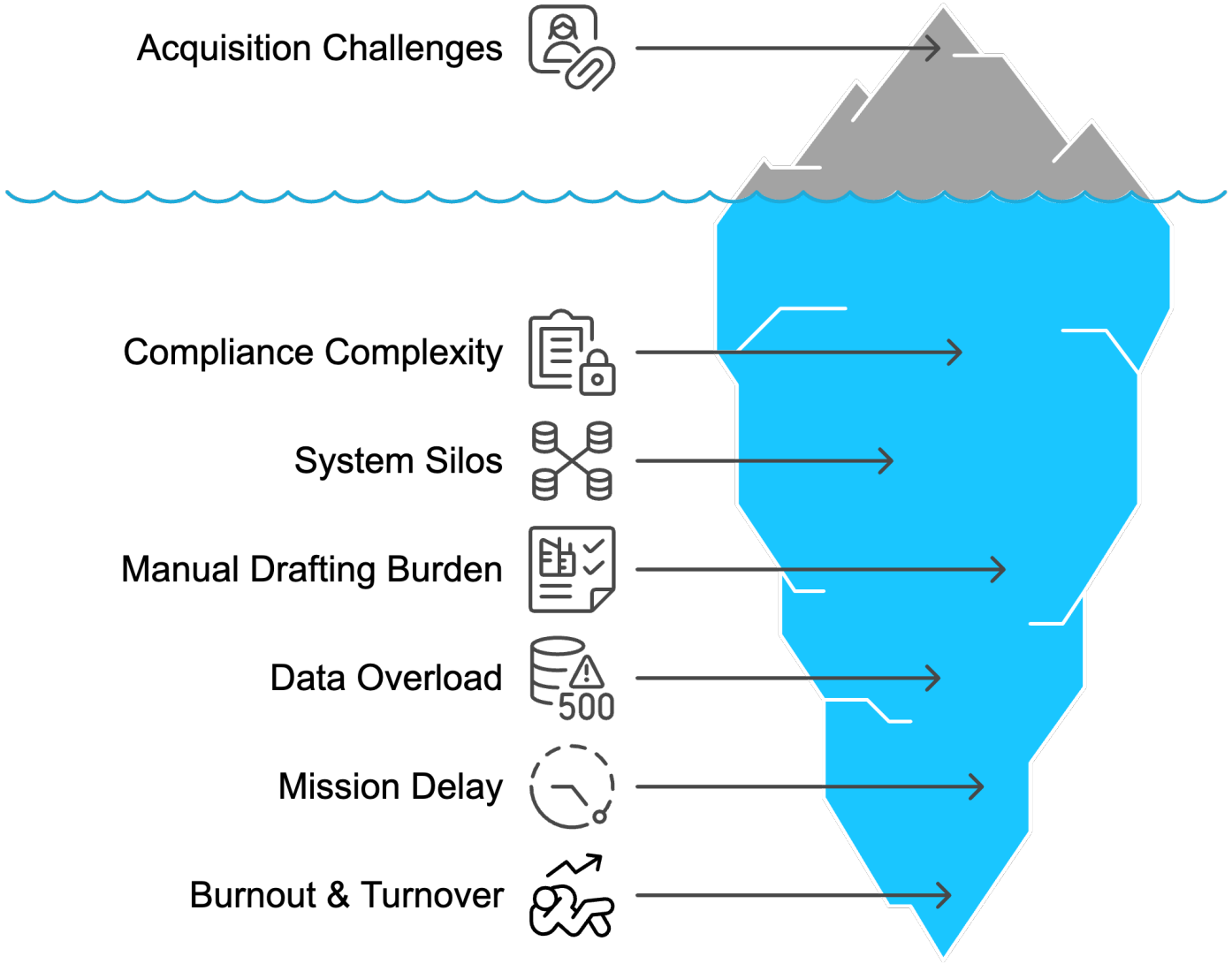
TECHSUR
PASSION MEETS TECHNOLOGY

**Presented By: Pradeep Krishnanath, SVP Digital Solutions – TechSur Solutions**

**22nd Annual Acquisition Research Symposium & Innovation Summit**

**MAY 8, 2025**

# DoD Acquisition Pain Points



# Defense Needs

- TechSur's solutions, including AcquireAI, optimize DoD contracting by enhancing readiness, reducing costs, and improving transparency, streamlining procurement to ensure timely, accountable, and mission-aligned support for national defense.
- TechSur is pioneering research into generative AI to revolutionize government and DoD acquisition processes—unlocking faster, more secure capability delivery where investment has historically lagged.
- While most focus on AI's impact on warfare, TechSur targets the overlooked opportunity: using generative AI to transform underfunded acquisition systems and drive rapid, mission-ready innovation.

"Underinvestment in maintaining the acquisition workforce in the 1990s has weakened the workforce's capability to manage an increasingly complex acquisition system."

- RAND Corporation

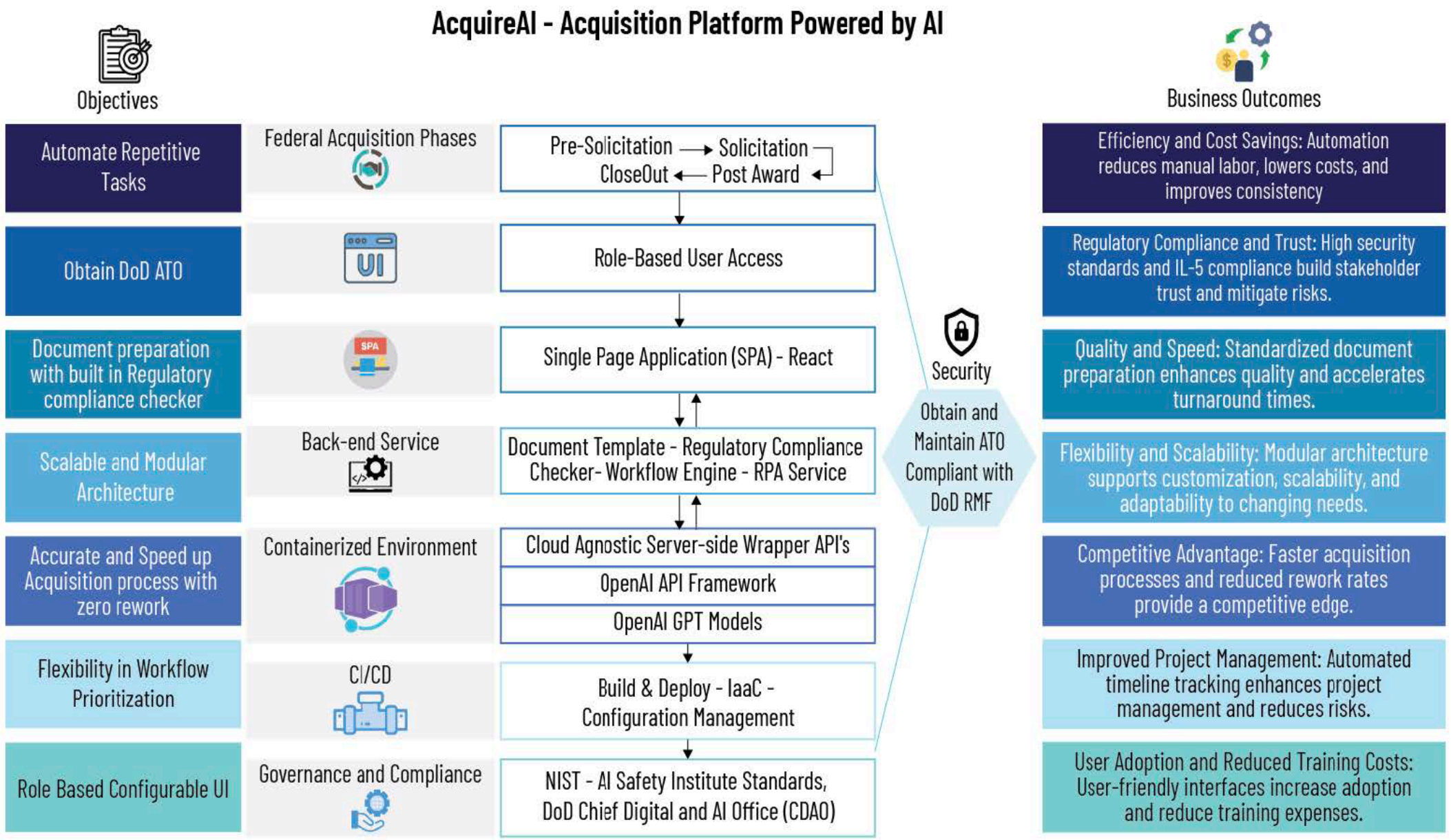
DoD remains alarmingly slow in delivering new and innovative weapon system capabilities, even as national security threats continue to evolve, warning that threats like China's military modernization and adversaries' AI capabilities demand a swifter approach.

- GAO

GAO
U.S. GOVERNMENT ACCOUNTABILITY OFFICE

TECHSUR

# AcquireAI Technical Architecture




TECHSUR

# Technical Merit

## Value Proposition & Core Capabilities

AcquireAI ensures accuracy and adherence to FAR (Federal Acquisition Regulation) compliance by leveraging generative AI for document creation, accelerating federal agencies' procurement activities. It streamlines the document creation process and enhances visibility into their documentation and acquisition procedures. Additionally, it will assist agencies in identifying the necessary documentation for specific types of procurements or acquisitions. Ultimately, we envision the platform as a one-stop shop for all documentation needs related to federal acquisitions.

Automate mundane tasks

Reduce Errors and Inconsistencies

Accelerate Acquisition Process

Better visibility over the acquisition process and documentation

***Document creation***

Create documents using pre-defined FAR compliant templates based on user inputs

***AI Assistant***

An AI assistant to query and make changes to document

***Compliance validation***

Check your finalized document for any compliance issues by letting the AI review it

***Template library***

A library of acquisition templates that users can use and refer

***Generate Acquisition Tasks***

Generate a task list using AI for the user based on the high-level information.

***Progress tracking***

Keep a track of all the necessary documents needed for the acquisition

# Technical Merit

## AcquireAI - Key Features

| Capabilities | Features |
|---|---|
| Document creation | • Create FAR-compliant documents using AI-assisted generation.<br>• Utilize pre-defined templates and user inputs to produce tailored documents<br>• Ensure compliance with relevant regulations throughout the document creation process |
| AI Assistant | • AI-powered chatbot for document-related queries and assistance<br>• Make real-time changes to documents through conversational interactions<br>• Get instant answers to questions about document content, structure, and compliance |
| Template library | • Access a comprehensive library of acquisition document templates<br>• Each template linked to relevant FAR compliances<br>• Easy search and download functionality for users |
| AI Compliance Checker | • Upload finalized documents for AI-powered compliance review<br>• Receive feedback on potential compliance issues<br>• Get suggestions for addressing and resolving identified compliance problems |
| Acquisition Task list | • Automatically generate and track all necessary tasks for the acquisition process<br>• Customize task lists based on specific acquisition types and requirements<br>• Access a dashboard to track the progress of different tasks<br>• Provide status of each task |

# Core Use Cases

## Procurement Automation Features

**AI-Assisted Drafting**

Automate Statements of Work, Requests for Proposals, and Justification and Approvals.

**Market Research Automation**

Provides a "virtual analyst" for vendor intelligence gathering.

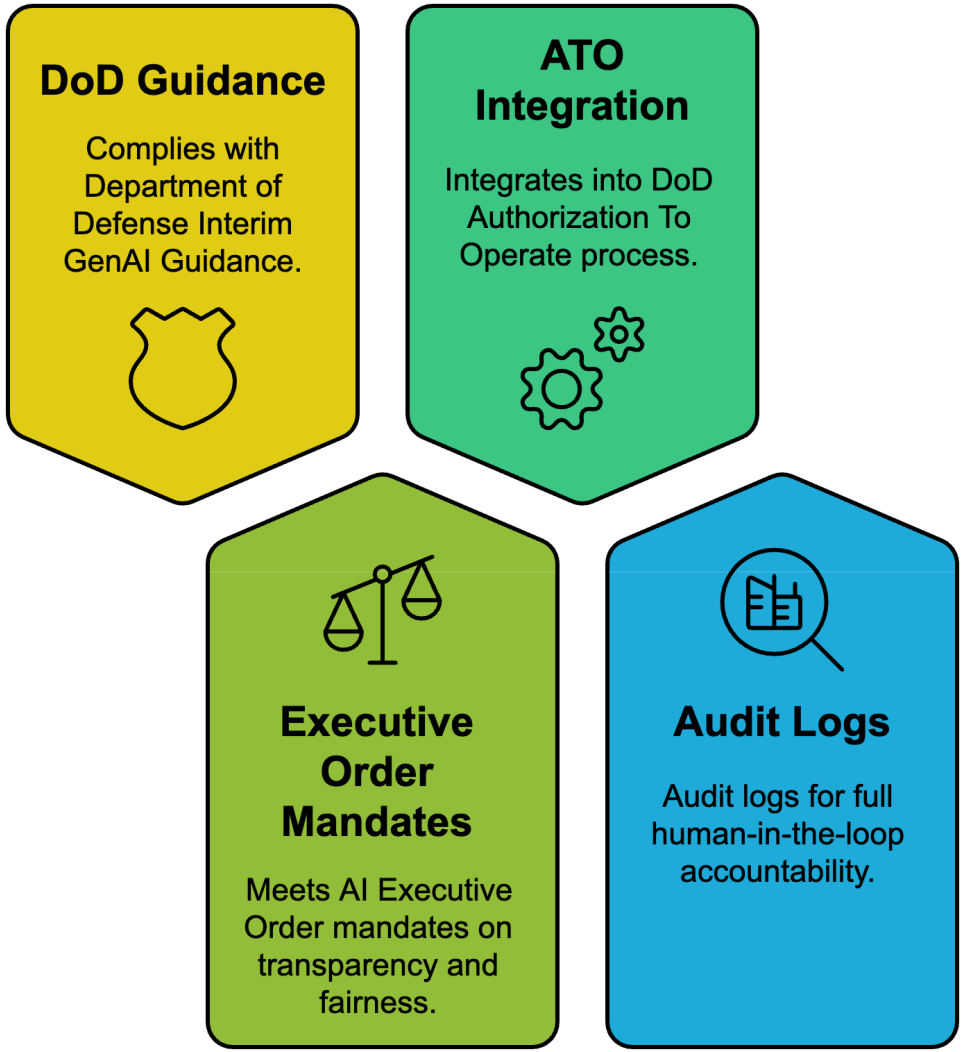
**Proposal Screening**

Performs compliance checks and creates comparative matrices for proposals.

**Seamless Integration**

Offers plug-ins for CON-IT, KT FS, and Advana platforms.

# DoD Policy Alignment



THANK YOU
Follow Us On LinkedIn
@TechSur