

RAI Case Study



“ For the DoD to re-think its acquisition practices and process, it is essential for the Joint Artificial Intelligence Center (JAIC) to engage with partners to enable the accelerated adopting and scaling of AI across the enterprise in a responsible manner.”

—US DoD Chief of Responsible AI

About the Client

The Joint Artificial Intelligence Center (JAIC) within the US Department of Defense (DoD).

Challenges

- JAIC needed to re-think DoD's data and AI acquisition process to create the necessary safeguards aligned with DoD AI Ethics Principles
- Existing contracting processes for data and software do not address AI related risks, issues
- Current AI procurement is fragmented and slow across the board and with inconsistent policies
- External parties with expertise not aware of opportunities, find processes difficult to navigate

Key Initiatives

- RAI worked with DoD and engaged external parties to develop and implement a new procurement vehicle tailored to AI systems
- Standardized responsible AI language to be included in contracts, worked with DoD to assist the first vendors through the process
- Created and publicized an online portal processes for the AI procurement system
- Created tools, procedures, and assessments to ensure effective and safe use of AI systems in the defense context
- Developed a harms map of use cases in the defense context
- Developed role-based RAI training for Pentagon staff to improve workforce skills and capacity

Business Impact

- **Faster:** Improved US DoD's ability to procure AI systems within months rather than years
- **Simpler:** Created a vendor-friendly process with appropriate safeguards for DoD
- **Cheaper:** Streamlined AI procurement process and reduced effort via a designated online portal
- **Better:** Provided government access to leading RAI experts in industry, academia, and civil society

The RAI Value Add

- Building upon our organizational expertise, tools, and services such as RAI Collab, RAIL Assessments, RAIL Ratings, and RAIL Certifications, we helped the client create and operationalize a new procurement vehicle to rapidly procure responsible AI systems