



Research and Development ACQUISITION MODERNIZATION TECHNOLOGY RESEARCH (AMTR)



Program Info

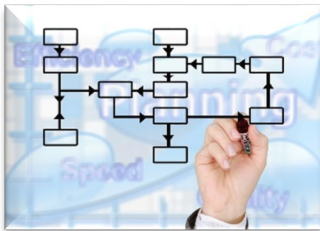
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DLA'S TRANSFORMATION IMPERATIVES



OBJECTIVE

The AMTR Program assesses acquisition and procurement processes, uncovers and prioritizes areas that would benefit from IT modernization or advanced technologies, evaluates technical requirements, and pursues future research efforts for DLA.



BUSINESS PROCESSES

Global dynamics have shifted, creating unique challenges for defense acquisition. Defense market competition is dramatically more complex and data-driven. Speed of change requires agile and knowledge-driven processes to strengthen our enduring advantages.



MARKET INTELLIGENCE

An increased understanding of supplier markets through improved market sector analysis will enable closer supplier relationships, improved resiliency, and informed decision-making to drive best value across the acquisition lifecycle.



INDUSTRY OPPORTUNITIES

DLA is exploring commercial best practices, such as advanced e-commerce or e-marketplace platforms. Leveraging existing commercial capabilities will enable rapid process transition upon full-scale implementation.

INNOVATION & TECHNOLOGY

Identifying solutions to:

- Improve contract award and management
- Streamline purchasing
- Automate repetitive, rule-based tasks
- Support and improve processes and data

Exploring potential uses of the following technologies:

- Artificial Intelligence (AI)
 - Machine Learning (ML)
 - Natural Language Processing (NLP)
 - Generative AI
- Blockchain



STRATEGIC THRUSTS



Identify and incorporate emerging technologies across DLA acquisition processes



Gather and apply enhanced market intelligence



Leverage commercial best practices



Research & Development AMTR



FOCUS AREAS



WARFIGHTER READINESS

THE BENEFITS



Increased speed-to-procurement through enriched systems/tools



Expanded market intelligence to drive improved pricing, strengthen vendor base, and reduce supply risk



Improved product quality and maximized value from accessible and assured suppliers



Informed decision-making enabled by new tools that provide information visibility



Increased competition among high quality suppliers

INDUSTRY AND WHOLE OF GOVERNMENT PARTNERSHIPS

- DLA MAJOR SUBORDINATE COMMANDS
- DLA STAFF DIRECTORATES
- INDUSTRY WORKING GROUPS
- MILITARY SERVICES AND FEDERAL AGENCIES



<https://www.dla.mil/Information-Operations/Research-And-Development/>

ACCOMPLISHMENTS & ONGOING EFFORTS



Applied Market Intelligence for Defense Acquisition (AMIDA) is a DLA enterprise-wide effort; includes the continuous process of gathering, analyzing, and acting upon relevant industry, supplier, and pricing data to improve spending strategies and business outcomes. The next phase will explore AI/ML use cases for gathering and analyzing market intelligence.



Contract Quality Control (CQC) is conducting discovery, feasibility analysis, and solution prototyping to support requirements development for a data-driven system to manage the quality of DLA awarded contracts. The current focus is on piloting a dashboard in ServiceNow and exploring potential AI/ML use cases for improving contract quality.