

Company Background

Since 2015, NNDATA has been formulating and successfully delivering value-driven solutions to complex data-centric challenges for the Department of Defense, Intelligence Community, Federal Agencies and Fortune 100 companies. Our mission is to help customers maximize the utility of data and transform data into relevant insights for information advantage and highly responsive decision-making.

Whether delivering AI-enabled Extract Transformation, Load (ETL) commercial software for data digitization and fusion, digitization, system/data migration and document analytics solutions to engineering composable multi-domain sensor-to-inline AI-enabled, human-in/on/off-the-loop operational frameworks for extensible, globally spanning decision systems. Our teams are focused on aligning their knowledge and expertise in achieving program objectives, desired outcomes, and high levels of customer satisfaction.

Core Capabilities

Tailored Solutions Engineering

Systematically engineer elegant, innovative solutions, by leveraging proven methods and practices combined with emerging technologies, to craft and deliver sustainable desired outcomes

Data-to-Decision / Sensor-to-Shooter Solutions

Continuously fuse multitudes of data sources into an AI-enabled stream of operational understanding, relevant insights, behavior characterizations, predictors, and anomaly detection for decision advantage with extraordinarily rapid response

Data Transformation

Find, gather, map, transform, and fuse data to support: system modernization; complex, phased multiple systems/data migration; and structured and unstructured data enrichment for AI-enabled analytics and visualizations

Document Analytics

Use automation to digitize, "read", extract and make searchable the relevant data in your document troves

Codes & Certifications:

Primary 541511

334111 511210 518210 519190 541330
541512 541513 541519 541611 541614
541618 541690 541715 541720 541990

Small Business

Cage Code 7KKP0
Unique ID R4KDFY45QNM6

Clients:



CAPABILITIES STATEMENT

Past Performance

DARPA Composable Embedded Software (CES)

Applied modular, open architecture, microservices-centric, edge sidecar delivery platform for rapid composition and on-the-fly insertion of capability to visualize data and analytics pipelines that deliver continuous relevant situational understanding for information and decision dominance in Multi-Domain Operations and for JADC2 convergence

Dept of Energy / Los Alamos National Laboratory (Compendia)

Curating and making digitally available over 50 years of classified and technical documents for Department of Energy scientists and engineers conducting weapons research and National Security analysts focused on counter-proliferation and nuclear deterrence

DARPA Multi-Domain Analytics

Delivered a ML model of Natural Language Processing (NLP) and other AI-ML algorithms that automatically "read", detect and make visible topics, associations, and other characterizations of relevance within assembled document troves, enabling users and analysts to efficiently obtain relevant information for answering questions or conducting analyses

Navy Maritime Maintenance Enterprise Systems – Technical Refresh (NMMES-TR) Risk Reduction

Delivered risk reduction studies, prototypes, and pilots across the entire Navy on-shore maintenance lifecycle from planning, scheduling, execution, monitoring, certifying work, and paying employees for depot- and intermediate-level maintenance work on submarines, aircraft carriers and surface ships for the new multi-billion dollar Enterprise Maritime Maintenance

Innovations

- Vigorous collaboration to determine how to utilize and manage data to achieve and maintain information and decision advantage
- Consistently able to ideate and implement secure, scalable, and highly extensible solutions that comprehensively deliver data-centric, operational outcomes - at the speed of relevance
- Debatably have the most robust, commercially available unstructured data integration solution available, complete with security tear line capability, in production today
- At the forefront of providing robust, light-weight supervised and unsupervised learning models, made available in a containerized, tiered LEGO® -like composable framework readily adaptable to any environment that combines data/sensor, observation and decision fusion across observation points to generate operational understanding, behavior characterization, threat/attack/failure prediction, anomaly detection, decision factors, and automated response
- Distinctively able to extend existing systems and platforms with new capabilities and operational decision aids, on-the-fly, for Multi-Domain Operations, and JADC2 integration and operations convergence, leveraging a SWaP-C edge sidecar delivery platform and DevSecOps with continuous ATO
- Actively researching, prototyping, and supporting production solutions of advanced concepts and AI/ML-enabled automation to find, gather, read, extract, and make searchable the relevant topics, associations, and other linked insights in enterprise, divisional, and local document troves for users and analysts so as to improve comprehensiveness, accuracy, and timeliness of answering information queries and analyses
- Bring decades of proven approaches, methods, and expertise in delivering multi-year programs of desired outcomes through transitional change on-scope, on-schedule and on-budget, and typically achieved in highly dynamic environments - more than 25 engagements ranging from small \$1-3M projects to \$350M DoD ACAT 1 efforts with ROIs typically of 200% but as high as 1200% and 3600%

