

ADVANCED BATTLE MANAGEMENT SYSTEMS (ABMS)
\$950M Ceiling Indefinite-Delivery/Indefinite-Quantity (IDIQ) Contract
Contract F8612-21-D-0144

Modular & Scalable Data Discovery Solutions
supporting JADC2 goals for flexible, unified systems



Total Data Discovery Metadata Insights Across All Domains

process & index
unstructured data
structured data

deliver
remote and local
data visibility

AI
machine learning
data-driven
decision-making

The ABMS delegation of procurement contract is a unique opportunity for all DoD departments to join forces under the JADC2 goal of building fast, integrated, data-driven decision systems with **real-time capabilities**.

The **Data Discovery & Distillation (D3) Solution** was developed to address the needs of the United States Air Force requiring a system to process **scalable, petabyte volumes of data**, with the capability to tag and index unstructured data including text, images, PDFs, full-motion video, and more.

The engine runs autonomously with non-taxonomy, **unsupervised AI tools** to quickly filter and process datasets and assign metadata without a large burden of resources.

D3 is a turnkey modular solution with a number of storage and configuration options to support the goal of field layers of new networking, communications and deep machine learning technologies that will be interwoven to connect operations centers and remote locations.

Government Research Specialists (GRS) was awarded a \$950M ceiling IDIQ contract for the maturation, demonstration and proliferation of capability across platforms and domains, leveraging open systems design, modern software and algorithm development in order to enable Joint All Domain Command and Control (JADC2). This contract is part of a multiple award multi-level security effort to provide development and operation of systems as a unified force across all domains (air, land, sea, space, cyber, and electromagnetic spectrum) in an open architecture family of systems that enables capabilities via multiple integrated platforms.

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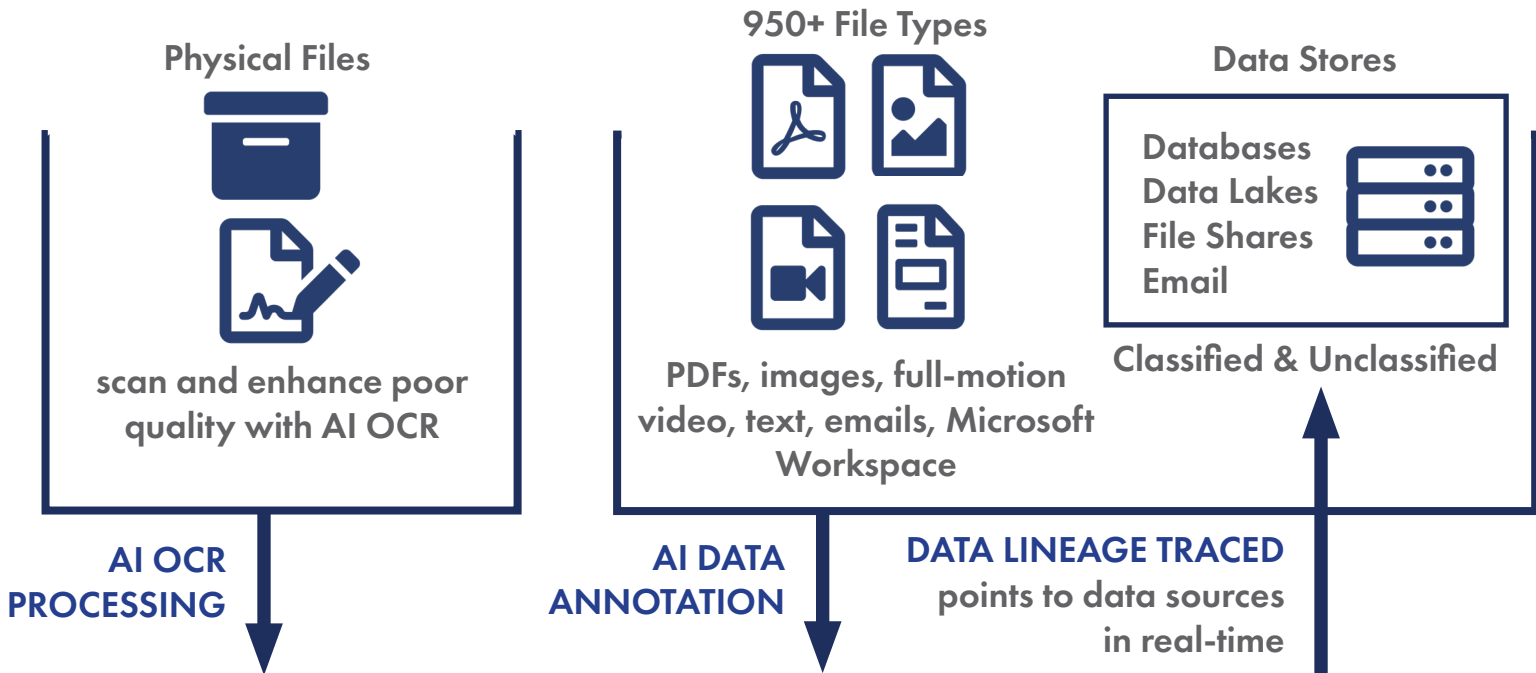
The D3 DATA DISCOVERY PROCESS

Data Ingest & Index

D3 Data Discovery begins with ingestion of every structured and unstructured electronic file type and the solution can process on-premises, in the cloud or hybrid. Optional scanning of physical documents with OCR metadata enhancement is available.



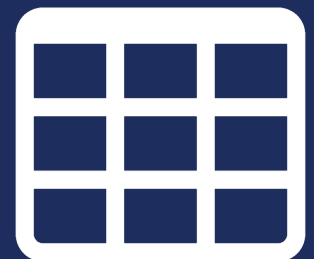
On-Prem Hybrid



Container for Metadata Index & Data-Tagging Engine

The D3 solution creates a metadata "index of everything" for all files including file properties (author, creation date, etc.), source file lineage and content-level attributes. The index enables federated search and workflow.

REAL-TIME "INDEX OF EVERYTHING"



tagged index housed on modular storage platforms
fast access on in-memory data virtual cache



unsupervised non-taxonomy AI/ML analysis & tagging



ONE SOLUTION MANY APPLICATIONS

Data Catalogs

Data Analytics

Data Protection

Data Classification
& Declassification

Cloud Migration & Data Cleansing

Risk Management

Data Loss Prevention

Digital Transformation

FOIA, HIPAA & Regulatory Requests

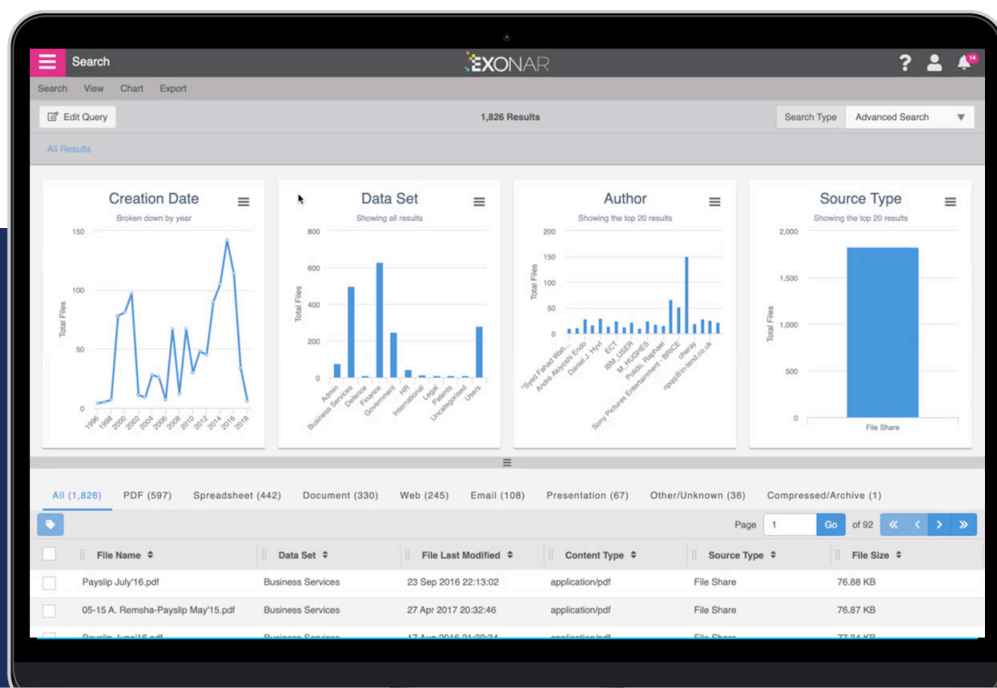
API & EXPORT TO OTHER SOLUTIONS

USER CONTROLS

QUERY TO CONTENT LEVEL

MONITOR WITH ALERTS

RISK FILTERS



POWERFUL
VISUALIZATION
OF
DATA STORES

USER-FRIENDLY
DASHBOARD
FOR
QUERIES

SCALABLE & FLEXIBLE PLATFORM INFRASTRUCTURE OPTIONS

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MISSION-LEVEL CUSTOMIZABLE COMPONENTS & OPTIONS



REAL-TIME DATA-DRIVEN DECISIONS FOR EACH MISSION

Take advantage of one customizable solution with turnkey capabilities offering powerful data visualization and search tools. The modular, scalable design of the platform was developed to provide client agencies the optimal platform for current, quick and accurate data tagging and digitization with petabyte volumes of data.

The solution can be hosted on premises, in the cloud, or be built in a container environment. All types of files can be handled, from emails and other unstructured data, to FMV surveillance data or cyber security logs and data that is in various sources such as cloud storage and file shares.

High-Volume Records Digitization & RIM Consulting

Let our expert staff guide you with our proven holistic methodology to evaluate records management systems and streamline transition from paper-based to electronic records processes. Digitization of physical files, including large archives of old or poor quality documents, can be converted, tagged, and indexed.

Security & Control

We offer multiple access control solutions from continuous multi-factor authentication and other credentialing solutions to help control permissions for access to the metacard index and setting levels of access for information.

We can also provide security tools specifically designed to manage the data storage and computing tools that are used by the tagging engine.

D3 SOLUTION COMPONENTS

The D3 solution cutting-edge technologies include:

ANACOMP

Anacomp's D3 solution encompasses the AI/ML data discovery engine, friendly user interface, and ATO facilities for secure scanning and digitization.

www.anacomp.com

HAZELCAST

Hazelcast In-Memory Data Grid enables fast ingest and recall of data via centralized harnessing of distributed memory blocks across different data centers.

www.hazelcast.com

IMERIT

iMerit leverages advanced tools, AI and machine learning algorithms, and workflow best practices to enrich, annotate, and label large volumes of unstructured data.

www.imerit.net

SOURCECODE

Sourcecode edge-to-datacenter-to-cloud infrastructure expertise delivers solutions for high-performance computing (HPC), artificial intelligence, big data storage, and the Internet of Things (IoT).

www.sourcecode.com

Schedule a Demo to see D3 in action.

FAST & EASY ACCESS TO ABMS GRS CONTRACT F8612-21-D-0144

Government Research Specialists is the research and consulting division of Government Sales Specialists, the largest, outsourced federal sales, business development, and marketing organization in the country.

We have extensive knowledge of federal agency requirements and business intelligence needs.

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