

CORAS positions the DoD to make more informed decisions with proven Enterprise Decision Management, AI, Real-Time Analytics, and FedRAMP High Service

Portfolio Optimization

Enterprise visibility, balancing, and optimization up and down departments

Enterprise Discovery

One-stop-shop for decision makers—real-time data at your fingertips

Product Management

Align products and prototypes with enterprise strategy

Cross-Functional Team Management

Bring teams together, align them with strategy, get more done



Budget Prioritization

Ensure the next dollar spent advances the mission

Real-Time Business Insights

Connect siloed data, derive new meanings and use AI to predict outcomes

Enterprise Strategic Alignment

Enterprise visibility to maximize strategy execution

Portfolio Rollup

Aggregate cost, schedule, risk, and performance data across the organization

Supporting DoD leaders to make decisions at the speed of relevance

CORAS pulls all your data together into a live, real-time information platform that gives leaders decision support tools across multiple use-case applications, and is adjustable to the unique mission of each DoD customer. Up and running in days, CORAS works with your department's current systems to deliver full data interaction and AI/Natural Language Processing (NLP) analytics for instantaneous information to prepare or react in real time.

CORAS provides a commercial off-the-shelf (COTS) Enterprise Decision Management Platform (EDMP) that drives down the Mean Time to Decisions (MTTD) with a solution that harnesses all your existing data into live reporting and analytics. We connect process management, work management, and business intelligence in a 360-degree view of your organization with live interactive data, AI predictions, and similarity analysis. CORAS' core business processes support decision makers at every level. CORAS offers rapid no/low-code digital transformation, and an easy-to-use interactive tool that provides dynamic, self-service configuration, and auto-aggregation and combines automations, collaboration, AI/ML data discovery, workflow, and reporting visualizations. Customers own their own their data and AI models.

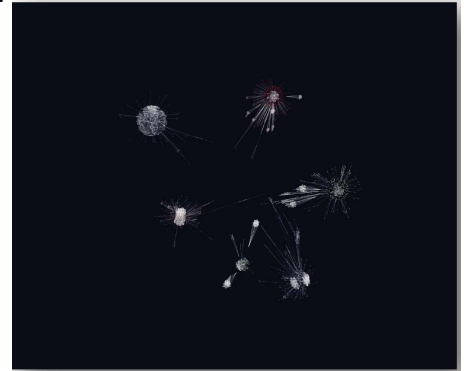


AI-Enabled Aircraft Maintenance Solution

CORAS' AI solution was first demonstrated on a DoD client's data using AI and NLP to read and understand millions of unstructured text logs entered by maintenance workers at a speed of 8,000 sentences per second. This valuable dark data in PDFs had been previously inaccessible without our AI capable of revealing and optimizing the maintenance cycles' relevance and information.

Filter Millions of Work Records

CORAS allows the user to easily search and filter millions of aviation maintenance work records from NALCOMIS and other systems. Users can also search by structured identifiers such as Head of Family NIIN numbers and Work Unit Codes, as well as perform natural language search queries over unstructured text data.



Identify Common Failures Using AI

The AI reads and understands the comments and descriptions written in unstructured text fields by maintenance workers, (1) giving the capability to visualize and organize millions of work records into common problem clusters so a maintenance worker can quickly identify the set of previous work records pertaining to a present issue, and (2) summarizing prior corrective actions to the discrepancy using NLP.

Predictive Maintenance to Decrease Not Mission Capable (NMC) Rate

Minimize time in depot when aircraft is Not Mission Capable (NMC) by predicting part failures and future maintenance. While being able to analyze part life-cycles and root cause of failures.

Network and Data-Center Intelligent Assistant (NADIA)

Naval IT administrators face many challenges managing and troubleshooting today's complex IT network systems. In response NIWC is developing a prototype for NADIA, which orchestrates and automates portions of CANES troubleshooting with minimal personnel interaction. CORAS has developed and is integrating its state-of-the-art Root Cause Analysis (RCA) machine learning engine and an Advanced Search Engine (ASE) to combat these challenges.



The RCA engine automatically identifies any potential issues, current issues, and required maintenance along with recommended corrective actions. The RCA engine provides an API to external software running on CANES for display and data interaction.

CORAS' ASE enables faster and more relevant searching of CANES documentation. It provides administrators with search results across different documentation sources in a unified interface and the ability to directly highlight passages that provide an answer to natural language-phrased questions. As with the RCA, the ASE integrates directly with other external CANES software applications.

Ask CORAS about your painpoints including:

Strike Group Readiness * Supply Chain * POM SPPBE * Data Calls

<https://www.coras.com/requestconsult>

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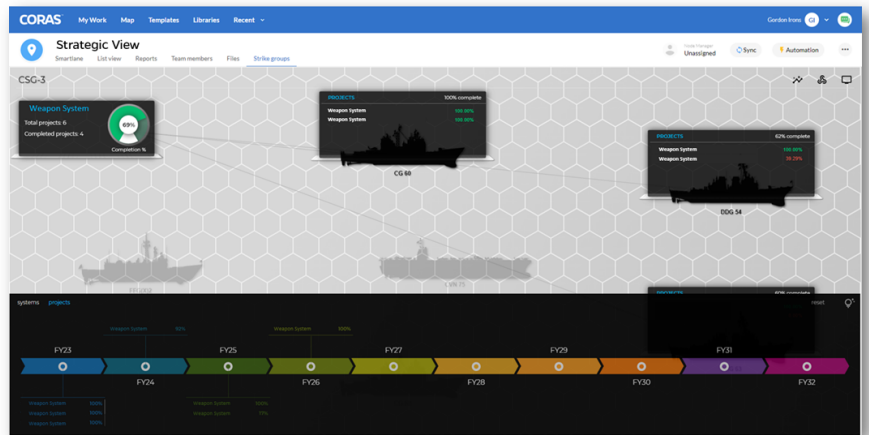
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Strike Group Readiness

CORAS is enabling more accurate capability planning and rapid identification of dependency issues across PEO IWS, leveraging CORAS' Smart Lanes solution.

PEO IWS is using CORAS to redefine their digital transformation by creating a live and interactive environment that supports the traceability of components and products throughout all phases of the warfare system acquisition lifecycle.

The CORAS platform provides maximum efficiency and effectiveness of internal and external stakeholder communication and collaboration, allowing decision management and warfare solutions to keep pace with advancing threats. CORAS developed a classified visualization dashboard for capability development and fielding at a Strike Group level with knowledge sharing on IL 6 deployment and operation.

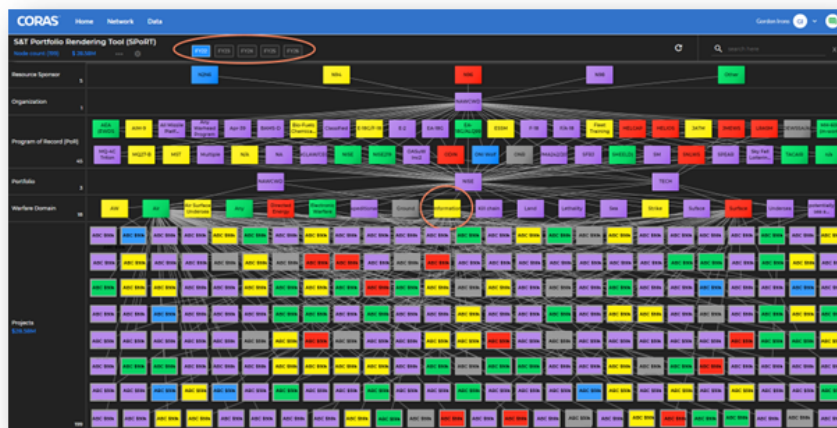


Future Fleet Architecture Integration

Science and Technology Visualization

CORAS' S&T visualization leverages our unique AI and NLP capabilities to help our U.S. NAVY customer see the interconnections across any desired data set. Leaders gain the ability to identify redundancies, relationships, dependencies, and inefficient use of funds. In turn, CORAS arms users with the necessary data to reallocate funds, make accurate budget cuts, and streamline mission-critical initiatives.

CORAS provides the ability to view capabilities and cross-map linkages of S&T Portfolios and objectives across fiscal years using AI and NLP. We deliver transparency, allowing drill downs to see correlations across priorities, hidden relationships and similarity analysis, and how they all relate to overall goals and strategic alignment.



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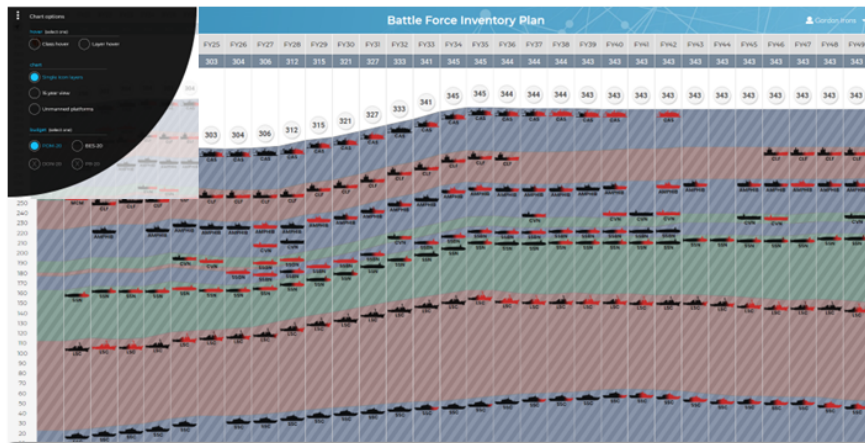
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Strategic Asset Management

CORAS supported a DoD customer with a product life-cycle Integrated Warfare Asset Project Tracking Visualization Tool. War room visualizations aggregated data from disparate sources into a 30-year battleforce inventory plan using CORAS' hierarchical maps and AI to track project and capability relationships and identify project redundancy and duplication.

CORAS provided the ability to view data from a 360-degree perspective: Classes, Hulls, Budgets, etc. CORAS' capability also provides strategic asset inventory, tracking projects with visualizations such as Capability Evolution Plans, Sand Charts, and Chiclet Charts. Users engaged in "what-if" scenarios to see impacts made to procurement schedules and gaps across years, adjusting to compare and assess results in real time. CORAS provided digital modernization for strategic asset capability and readiness, while reducing hundreds of labor hours and fleet deployment delays by identifying warfighter asset capability gaps.

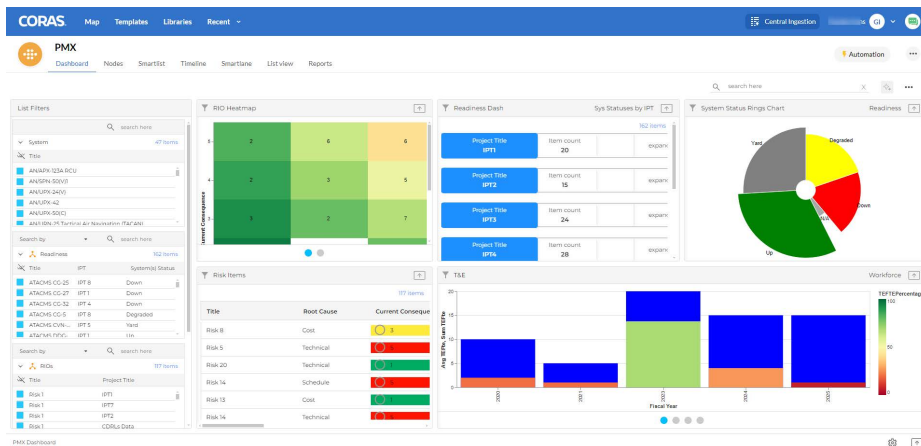
Future Fleet Architecture Integration



Program and Portfolio Management

For NAVAIR, CORAS delivered a rollup of project and portfolio management data encompassing schedule, budget/spend, and resource availability to form a holistic picture for decision making. CORAS provided a real time corporate view of financials across all of the office's projects and portfolios that saved months of manual effort in creating resources, schedules, and spend plans.

With the CORAS platform, NAVAIR leadership gets project funding/spend plan visibility and standardization for direct comparison across projects.



Project Portfolio Management

Be confident in what is possible. Are you ready to reveal the full value of your data?

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