Executive Decision Management Platform (EDMP)

CORAS' Enterprise Decision Management Platform (EDMP) is a robust and scalable 360-degree Commercial-Off-The Shelf (COTS) application which can ingest and/or integrate disparate sources of data (both public and private) and present this in a "single pane of glass" to facilitate decision management. Leveraging CORAS' proprietary data connection framework, Application Programming Interfaces (APIs), and data lake, disparate data is ingested, transformed via ETL (Extract, Transform, Load), and rendered in a set of decision management tools permitting selections to be made in real-time.

CORAS provides a frictionless platform to the DoD, tackling their major programming and asset management challenges through the aggregation of existing data sources, the analysis of project and program readiness, and the automation of information reporting. The resulting time savings can be measured in man-hours, decreasing the time to decision while also supplying historical records on why decisions were made.

Stop Managing via Spreadsheet Tornadoes

Collecting and organizing information via spreadsheets is time-consuming and inefficient, encouraging mistakes and occupying manpower better spent in other areas. The result is a hodgepodge of data, requiring version control to ensure it is up-to-date and completed using processes the user may not even understand.

CORAS EDMP encourages real-time collecting and sharing of information for more immediate decision making and instant sharing of information up and down the decision stack. Transparency and understanding is provided on what decisions are being made through the process, tracking what and why in real-time, without needlessly emailing spreadsheets to get things done.

All the information needed to get every member of the team on the same page can be automatically ingested from existing applications or data sources, then transformed to paint an accurate, standardized brief. Each tier, from senior leadership down to project execution, gets the facts they need to make crucial decisions in less than the time it takes to skim the front page of the newspaper.

Remembering History of Decisions

In ten years, when asked "why was this decision made," who is going to be able to explain? Turnover is inevitable in the DoD through promotions, military rotations, changing contracts, and retirements. Co-workers and management change often. Government alters mandates, requirements, and budgets. As people leave, institutional knowledge leaves with them.

CORAS EDMP is designed to remember. It captures the historical steps when decisions are made, including supporting documents, chats, reasons for changes, and other information to allow explanations for decisions years down the line. CORAS EDMP stores this data, making it immediately available, saving hours of effort when trying to reconstruct the underlying reasons a direction was selected by people who are no longer around.

> *"Using CORAS for Enterprise Decision Management is like going from a static map to a real-time, turn-by-turn GPS application."*

How the DoD uses CORAS EDMP Software

CORAS EDMP is scalable, flexible, and configurable, including end-user customizable reports and information management through lists and libraries. As a result, the DoD is using CORAS EDMP to solve a variety of decisions-related issues. A few of these are listed below; feel free to reach out to CORAS to learn more.
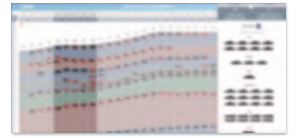
> *"We are increasing the speed of decision making."*
> - U.S. Navy

Strategic Asset Management

Challenge Our DoD customer faced the problem of knowing what to buy in the present, the near term, and the future to advance its capabilities and execute its mission. The data they needed was generally scattered, on spreadsheets, or unavailable. They still needed to make vital decisions affecting the architecture of the military for the next 30-40 years.

Solution CORAS EDMP was built to make organizing disparate data manageable by aggregating scattered and previously uncollected data, storing it within a data lake, and presenting the information in real-time to DoD leadership to inform their decisions. CORAS is designed to understand relationships between assets, allowing leaders to perform robust "what-if" analysis and excursions to identify present and future impacts of their decisions.

Programming Dollars

Challenge The DoD makes difficult program funding decisions daily, often done in a binary format, informed only by line items on a spreadsheet. Our client was balancing dollars across programs, portfolios, and sites, multiplying the complexity. DoD needs to make these decisions with the most complete set of information possible to ensure that the things they fund align with the mission.

Solution CORAS EDMP brings rich context to program funding decisions, putting all the necessary information right at the fingertips of DoD leaders, letting them see the program's cost and its impact on the mission, other programs, and its relationship to the military's capabilities. Using CORAS EDMP to perform real-time analysis of adds and offsets is the difference between making a partially-informed decision and making the *best* decision.

Managing People During COOP

Challenge With the onset of the COVID-19 Corona virus, our DoD client had a responsibility to plan, schedule, and track the people in their organization (personnel, employees, and contractors), including those working in and outside of the Pentagon. The manual process of keeping track of their people, where they were, and what they were working on was a very tedious and labor-driven effort.

Solution CORAS EDMP was configured to provide a simple experience to allow users to enter their locations and assignments. Branch heads update their staff's schedule and work locations, both within and across branches, then display the resulting information through daily Muster reports, Location status view, Team Schedule, and a Daily Tracker. The reduction in effort tracking their personnel freed the customer to ensure they were able to satisfy their COOP requirements to meet their mission.

DoD Customers

DISA

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