



Karthik Consulting

For independent advice and practical solutions

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About Us

Karthik Consulting was founded in 2008 to be a reliable and trusted advisor to our customers, providing independent and unbiased recommendations and solutions that mitigate risk and help solve their IT problems. We bring the innovation, passion, and agility of the commercial IT industry to meet the unique challenges of the government.

Our specialties include consulting, software design, development, program management and cyber security.

We are a DOD Cleared Facility with a DCAA-approved accounting system.

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CASE STUDY

Modernizing A Mission Critical Legacy Enterprise System for the US Navy



The Customer: The Office of Naval Research (ONR), Acquisition department (Code 02) University Business Affairs (UBA) performs post-award administration of Contracts and Grants (Awards) issued to universities and nonprofit organizations. The business functions performed include payment administration, tracking deliverables, closeout, purchasing system reviews, negotiation of indirect cost rate agreements, quality assurance, and other efforts needed to facilitate performance of the Awards. ONR performs these functions for other Department of Defense (DoD) components such as Air Force Office of Scientific Research (AFOSR), Army Research Office (ARO), Army Research Lab (ARL), and other government agencies such as Defense Advanced Research Projects Agency (DARPA) and the National Aeronautics and Space Administration (NASA).

Challenges: As the post-award administration Center of Excellence (CoE) within the federal government, ONR is responsible for the administration of over 25,000+ active Awards worth over \$10B/year and to close-out an additional 10,000+ expired Awards. About 1000 Performers (Universities, non-profit organizations, and research labs) perform on these Awards. Post-award administration also includes monitoring expenditures, approving invoices, tracking intellectual property, sub contracting, and government property purchased on these Awards.

Improve access to Award documents: Easy access to relevant documents are vital for ONR to be able to approve invoices and close-out the Awards within the terms of the Service Level Agreement (SLA). There are over 5 million documents with 200+ document types that support the post award administration process. ONR needed an

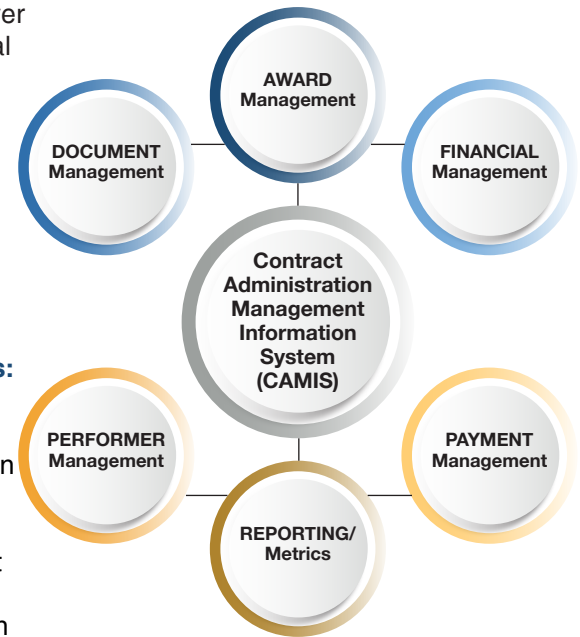
efficient Document Management System (DMS) with integrated workflows to process the documents and load them with enhanced meta-data to improve search results.

Eliminate manual invoice entries: Thousands of invoices are being submitted by the Performers via an internal system or the DoD-wide Wide Area Work Flow (WAWF) system. These invoices need to be reconciled against the contractual requirements and funding lines prior to being approved. ONR wanted to eliminate the process to manually input the WAWF submitted invoices into the internal ONR system which has to be kept in-sync and reconciled with the official ONR and DoD financial systems.

Eliminate stove-piped applications: ONR had developed several stand-alone applications to support the post-award management functions. These systems ranged from a DMS (for the Award documents); a transactional system to track invoices, payments, deliverables; a reporting system; and a Performer invoicing system.

Technology Obsolescence: The stove-pipe applications were built on different

KC's integrated ecosystem for CAMIS



Prime Contract Vehicles

SBA 8(a)
Navy Seaport-e

Sub-Contract Vehicles

DLA-JETS (8a, SB)
DISA ENCORE II
GSA Alliant

