



IAMUS

CONSULTING

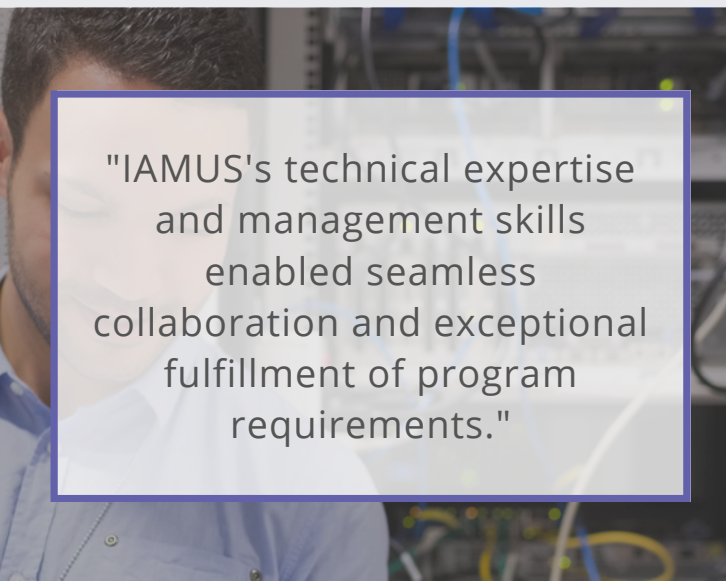
We Enable Mission Success

Advancing a Cyber Data Platform with Advanced Analytics

PROJECT

IAMUS Consulting was tasked with providing senior subject matter expertise in creating a common standardized schema and ontologies for all cyber mission forces required data, supporting various COF mission applications, services, and analytics.

The project involved reviewing data from over 4,500 fields sourced from disparate sensors, collaborating with mission users, programs, AI/ML developers, sensor SMEs, and application developers to deliver relevant, accurate, and usable products for platform stakeholders.



"IAMUS's technical expertise and management skills enabled seamless collaboration and exceptional fulfillment of program requirements."

SOLUTION

IAMUS Consulting took on a multifaceted role, including containerization and evolution of big data architecture to microservices, platform optimization, access management, user/operator training, data acquisition, data processing, and engineering support.

In addition, IAMUS co-lead the Data as a Service (DaaS) strategy, enhancing the schematization process. The architecture included CI/CD pipeline integration to ensure seamless integration of data across various architectures, Data Profiling service for upfront data understanding, and Data Transformation service to provide common data transforms within the schema.

IAMUS sustained and enhanced existing platform capabilities, ensuring future software patching and integration with other systems. Our technical proficiency extended to configuring Analytics and Access Management solutions, as well as areas such as Zero Trust, ABAC/RBAC, SSO, SAML, and OIDC, bolstering security and performance.

RESULTS

IAMUS Consulting provided exceptional support for AI/ML development and integration within the platform project. Our expertise in orchestrating or integrating development efforts across multiple stakeholders and contributors has proven instrumental in the success of the AI/ML initiatives.

Through our efforts, we have streamlined data management processes, enhanced data quality, and accelerated development cycles. Our coordination and integration skills have fostered collaboration between various teams, ensuring the successful implementation of platforms to meet program requirements.

IAMUS Consulting's expertise has played a vital role in advancing the capabilities of the cyber architecture and have been instrumental in providing relevant and usable products for platform stakeholders.