BI ANALYTICS CASE STUDY

INTREPID

OVERVIEW

The Command Accountability and Execution Review (CAER) program is the Army's fiscal stewardship program for the proper execution and management of funds for current and future Army initiatives. CAER's Key Performance Indicators (KPI) application is a critical component to the program's success by continuously measuring the Army's performance to ensure sustained positive long-term results. Intrepid's Business Intelligence (BI) Team, in collaboration with the General Fund Enterprise Business System-Data Analytics and Reporting (GFEBS-DAR) Team, reengineered the GFEBS Business Intelligence Business Objects reports by deploying optimized data models in Advana Data Repository to enable analytics.

APPROACH

ASSISTANCE + OVERSIGHT MANAGEMENT

Intrepid provided support to:

1. Identify functional data sources for the target system

2. Determine the associated master data for each data source

3. Specify data refresh frequency for the target system

Advana was the solution to house data for interactive reports and dashboards

The above key factors drove the roadmap for defining requirements and scope of user base, and providing training across the user base.

STEPS FOR SUCCESS

01 DETERMINE KEY FUNCTIONAL AREAS INVOLVING FUNDS MANAGEMENT

02 IDENTIFY CORE FUNCTIONALITY TO SUPPORT OVERALL IMPLEMENTATION

03 IMPLEMENT REQUISITE MASTER & TRANSACTION DATA FROM SAP SYSTEM TO SUPPORT FUNDS MANAGEMENT REPORTING

04 UNDERSTAND USER INTERACTIONS AND PROVIDE TRAINING ON THE TECHNOLOGY PLATFORM

RESULT
IMPROVED COMMANDS' DECISION-MAKING BY USING VARIOUS REPORTS & DASHBOARDS

TECHNICAL SUBJECT MATTER EXPERT SUPPORT

Intrepid's Business Intelligence Team:

- Held integral leadership roles assisting in reengineering the implementation processes and products that could be adapted to a large solution
- Engineered Change Delta Capture for optimizing data transfers and leveraged Private Link for high volume data transfers
- Determined existing SAP data to correspond with legacy data
- Worked with product owners to establish advanced reporting options using Qlik and Power BI

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Throughout this process, Intrepid's Business Intelligence Team faced numerous opportunities and challenges in overcoming the data acquisition. Intrepid helped facilitate action plans for data retention policy and integrity.

TOOLS

Intrepid's BI Team has decades of institutional knowledge. They successfully integrated legacy systems with modern software and system engineering tools, including:

DATABRICKS

SAP/System Landscape Transformation (SLT)

QLIKVIEW

POWER BI

GitLab for version control

In developmental efforts, the Intrepid Team continues to provide exceptional support to CAER, product owners, and analysts to maximize the capabilities of the Advana application.

CONCLUSION

The platform transition was completed in 8 months.

This tool provides Command Accountability andExecution Review (CAER) Program visibility of fiscal health key performance indicators. Army leaders utilize these reports and dashboards to maximize the use of resources to build readiness and lethality.

The Intrepid BI Team was pivotal in:

PROVIDING APPLICATION SUPPORT FOR COMMANDS IN CAER

PROVIDING SUPPORT FOR ENHANCEMENT AND BREAK FIXES

PROVIDING TRAINING TO PARTNERS AND PRODUCT OWNERS

This initiative is being viewed as the new standard for data analytics.

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