



DATA ANALYTICS AND VISUALIZATION



CALIBRE Systems, Inc. is an employee-owned management consulting and digital transformation company supporting government and commercial clients since 1989. We provide customizable end-to-end data management solutions to meet the constantly evolving complex challenges facing organizations today. By leveraging business intelligence and data analytics, CALIBRE delivers defined, tangible business outcomes and actionable insights for enterprise digital transformation.

DEEP EXPERTISE

Predictive Analytics

CALIBRE offers innovative Business Intelligence solutions to develop fully customizable predictive models. Our experienced data scientists integrate leading software tools to provide leaders and decision makers with actionable insights into future outcomes and trends.

Business Case Analysis

CALIBRE uses a systematic approach for categorizing complex data into quantifiable factors to minimize risk, define best value scenarios, and improve the outcome of our clients' enterprise and investment decisions.

Automation

CALIBRE's use of automation provides analysts the freedom to focus on advanced analysis by streamlining the time traditionally spent on basic database operations, static reports, and presentations.

Optimization

CALIBRE optimizes the analysis of processes and systems to generate operational efficiencies and promote resource-informed decisions.

Data Visualization

CALIBRE transforms multiple data sets into highly tailorable metrics, interactive reports, and user-friendly dashboards in real-time or near real-time precision. Our data scientists work seamlessly with SMEs in finance, logistics, health, contracts, human capital, and other domains to deliver a clear operating picture via dashboards or other custom content.

Text Analytics and NLP

CALIBRE's text analytics solutions enable clients to discover and extract high-value information from extensive document collections that would be impractical for human analysts with traditional methods. Natural Language Processing (NLP) allows our data scientists to identify key themes, sentiments, and similarities between data sets.

DEMONSTRATED IMPACT

Deputy Assistant Secretary of the Army for Cost and Economics (DASA-CE) Program and Strategy Directorate

CALIBRE used deterministic and machine learning methods to predict Sub Activity Group (SAG)-level budget disbursement over the course of a fiscal year. We created a dashboard for Army leaders that, for the first time, allowed visibility of SAG-level spending patterns over the course of the fiscal year.

DASA-CE Unit Mission Costing

CALIBRE maintains a database of multiple terabytes of processed data pulled from 30+ Army data sources. CALIBRE developers have designed and built dashboards on top of hundreds of millions of data points to provide value insights into supply chain management across all Army weapon systems. Our ongoing projects focus on creating decision support tools that include forecasted metrics, supporting the POM process.

DASA-CE Installation Costing

Using Standard Service Costing (SSC) methods, CALIBRE developed parametric models to forecast the cost of Army installation-level Base Operations Support (BOS) Services. Army decision makers use SSC to determine the optimum use of finite resources as they prepare their requirements for the Program Objective Memorandum (POM). We have analyzed more than 60 BOS Services for Army's Active, Reserve, and National Guard components, accounting for approximately \$7 billion in Operations and Maintenance (O&M) direct funding obligations annually.

DASA-CE Cost & Performance Management Division

CALIBRE provides analytical support using various real-time business intelligence tools with their web traffic to aid in capacity planning and resource management. We develop interactive reports using financial data to assist clients in understanding their cost of services across all commands.



OpenSource and COTS
Solutions



25+
Years Subject Matter
Expertise in Data Analytics



Dashboarding and
Visualization
Capabilities



Machine Learning &
Forecasting; Automation;
Text & Prescriptive
Analytics



Certified
Statisticians
Data Scientists
Programmers
Mathematicians