



# MODELING AND SIMULATION SERVICES

**CALIBRE**  
*Our Success Follows Yours®*

CALIBRE Systems, Inc. is an employee-owned mission-focused solutions and digital transformation company supporting government and commercial clients since 1989. We provide multiple types of learning capabilities in Live, Virtual, Constructive, and Gaming (LVC&G) environments. Our business analysts use Business Process Modeling (BPM) to gain an understanding of the current system and “paint a picture” of the solution.

DEEP EXPERTISE

### Systems Thinking, Modeling, and Facilitation

CALIBRE utilizes systems thinking to gain a high-level understanding of interactions in complex systems – the “physics” of many interacting players. We engage organizations to experience the solution with live computer simulation to test ideas, anticipate problems, and determine what levers of control optimize system performance.

### Distance and Blended Learning

We support multiple formats of online learning (independent/group, synchronous/asynchronous, and multi-media) that help clients reduce the amount of instructor-led classroom time. We have worked with all leading Learning Management Systems (LMSs) as well as many custom systems to deploy blended learning solutions.

### Process and Data Modeling

CALIBRE’s process and data modeling provides organizations with the means to develop and test solutions, generate consistency and repeatability across business units, and quantify actual requirements. CALIBRE develops these models with clients and other stakeholders to enable better organizational awareness, resulting in a positive and sustainable impact on operations.

### Value / Supply Chain Integration and Modeling

CALIBRE provides predictive models and planning solutions that integrate forecasts and planning levels for demand, supply, and distribution. Using real-time data, such as lead times, inventory conditions and locations, transit times, and loss rates, we improve inventory management processes.

DEMONSTRATED IMPACT

### Joint Pacific Multinational Readiness Capability (JPMRC)

CALIBRE serves as the prime contractor to perform JPMRC planning and Instrumentation Training Analysis and Computer Simulations Support (ITACSS) capabilities to provide a strategic readiness bridge for the Commanding General (CG) of the USARPAC, JPMRC. Our Live, Virtual, Constructive, and Gaming (LVCG) knowledge enable us to provide training beyond the operational environment.

### U.S. Army, National Training Center (CTC)

CALIBRE provided the National Training Center in Fort Irwin, CA with about 150 Cultural Role Players (CRP) in support of Theater Specific Individual Readiness Training (TSIRT) and pre-deployment unit collective training. Role players participate during various Situational Training Exercises and other Collective Training events to replicate mission scenarios. We also provided specialized battlefield effects during Platoon Squad Training Exercise (STX) lanes and Medical Trauma Lanes. CALIBRE can provide up to 1,000 role players on a single training exercise.

### Deputy Assistant Secretary of the Army for Cost and Economics (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 the creation of decision support tools which include forecasted metrics, supporting the POM process.



**25+**

Certified Instructional Systems Designers



**ISO  
9001:2008  
Certified**



Machine Learning & Forecasting; Automation; Text & Prescriptive  
**Analytics**



Live, Virtual & Constructive-Integrating Architecture Support Operations across  
**12 Army Installations**