



# INFRASTRUCTURE AND ENGINEERING

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

CALIBRE Systems, Inc. is an employee-owned management consulting and digital transformation company supporting government and commercial clients for 30 years. CALIBRE provides a wide range of services related to infrastructure and engineering, to include enterprise infrastructure portfolio management, energy management and analysis, distributed energy resource implementation, energy efficiency and environmental assessments, and facility analysis. We manage resources to achieve the greatest return on investment, prolonging the useful life of assets.

EXPERTISE AND OFFERINGS

### Real Property Inventory Management

CALIBRE assists organizations in making strategic asset management decisions regarding real property. We use a combination of modeling, facility condition, lifecycle costs, and utilization and criticality to mission to determine recommendations for future facility use, enabling clients to efficiently manage assets.

### Sustainment Management System (SMS) Data Management

CALIBRE models complex facility infrastructure systems and components to evaluate sustainment, restoration, and modernization options. Our tools include BUILDER, ARCHIBUS, Splunk, and certified experts to help facility managers prioritize alternatives, manage risk, and reduce expenditures.

### Facility Lifecycle Management

CALIBRE optimizes the life and usage of facilities with minimal resources, emphasizing efficiency improvements and cost savings.

### Sustainability Planning and Advisory Services

CALIBRE develops plans for energy, water, greenhouse gas, on-site generation, and other resources to optimize performance. We conduct resource analyses and optimization and formulate defensible program budgets.

### Energy and Water Efficiency Assessments

CALIBRE conducts training exercises, facility assessments, utility rate analyses, utility Meter Data Management System (MDMS) services, perform data analytics, energy audits, and greenhouse gas audits.

DEMONSTRATED IMPACT

### Real Property Inventory Management: United States Army Base Realignment and Closure (BRAC)

CALIBRE provides continuous support to the Army's BRAC program, helping the Army garner ~\$2 billion annual net recurring savings from five BRAC rounds. We contributed to the BRAC Division's disposal of over 279,000 acres of BRAC and Non-BRAC excess installation property, reduced caretaker costs, fostered local redevelopment, and produced \$238 million in revenue from property sales.

### Sustainability Planning and Advisory Services: U.S. Army Office of Energy Initiatives (OEI)/U.S. Air Force Office of Energy Assurance (OEA)

CALIBRE provides program management support of largescale renewable and alternative energy opportunities. Our support entails identifying and vetting opportunities, as well as developing them into energy security/resiliency projects that meet mission-specific requirements. For the U.S. Army alone, we have contributed to 11 energy projects awarded, increased onsite generation capability, obtained ~\$627 million private capital investment, and achieved ~\$33 million in estimated cost avoidance.



**BUILDER™**

One of the earliest licensees by the Army for sale to the private sector



Fielded MDMS to

**5 MAJOR**

Army Commands



**78M**

Square Feet of Facility Assets Assessed



Executed energy analyses for

**OVER 15**

Air Force installations



Disposed of

**279,000**

of BRAC and non-BRAC excess installation acres



# INFRASTRUCTURE AND ENGINEERING

DEMONSTRATED IMPACT

## **Facilities Condition Assessment and Diagnostic Study: City of Asheville, NC General Services Department**

CALIBRE conducted comprehensive assessments on the current conditions of specified city-owned facilities, performed assessment of the facilities maintenance and management functions and process, and provided recommendations for improvements to processes and existing facilities. This included estimates of capital investments required to address deferred maintenance, preventative maintenance and life cycle costs as well as the potential for sustainability-related projects ranging from audits to assessments of alternative energy.

## **Infrastructure Planning: National Nuclear Security Administration Office of Safety, Infrastructure & Operations**

CALIBRE supported the Multi-Site Risk Management Strategy and promoted development of two infrastructure planning products: NNSA's BUILDER™ Functionality Module framework and an NNSA Infrastructure Cost Model. Our team focused on key requirements related to nuclear and worker safety, recapitalization of real property infrastructure, and DOE energy and sustainability requirements.

## **Worldwide BUILDER™ Facility Condition Assessment: U.S. Defense Health Agency (DHA)**

CALIBRE conducted training, facility inventory, FCAs, and functionality assessments for numerous facilities within the DoD medical services enterprise. Our people implemented BUILDER™ SMS to assess 224 sites with 1,945 facilities in all 50 states and 14 countries. In total, CALIBRE evaluated over 100 types of buildings.

## **Facility Condition Assessment Services: U.S. Department of Agriculture (USDA) Animal and Plant Health Inspection Services (APHIS)**

CALIBRE provides independent and documented overview of facility and infrastructure conditions to assess and determine the integrity and service life of the infrastructure of APHIS facilities. Our flexible approach to facility condition assessments is enterprise-based and consists of a comprehensive understanding of current conditions, identification of critical facilities, and predicted capital planning requirements.

## **Facility Condition Assessment (FCA): Department of Homeland Security, Transportation Security Laboratory (TSL)**

CALIBRE performed an FCA for TSL at Atlantic City International Airport. Facilities encompassed 21.5 acres and 78,000 square feet, including main facilities, trailers, laboratories, and an explosives storage area. It involved visual inspection of all civil, architectural, structural, electrical, mechanical, and roofing components, as well as estimating repair and replacement costs of the next 10 years.

## **Energy and Water Efficiency Assessments: U.S. Army Meter Data Management System (MDMS)**

CALIBRE integrated, deployed, installed, transitioned, and sustained the MDMS solution to automatically process and report energy data. MDMS allows Army energy officials to view near time meter data from a secure network at several levels, helping the Army identify targets for energy saving opportunities and planning initiatives and to support decision-making.

