

## Fraud Analytics and Mitigation



### OUR PEOPLE

>> **Data Scientists and Statisticians** find and interpret rich data sources; manage large amounts of data despite hardware, software, and bandwidth constraints; merge data sources; ensure consistency of datasets; create visualizations to aid in understanding data; build mathematical models using the data; and present the findings.

>> **Data Strategists** work with your leadership team, account managers, clients, and engineers to build strong, data-driven, analytical stories. The data strategist systematically organizes, aggregates, analyzes, and models data to find patterns and key findings. CALIBRE performs critical analysis of complex data to paint a picture of an organization's behaviors.

>> **BI Developers** design, create, develop, and test business intelligence reports to fulfill an organization's needs, and provide related consultative analysis and support.

>> **Database Administrators (DBA)** provide expertise in architecture, design, and implementation of relational databases for applications to optimize the user interface, storage, and reporting of data tailored to the needs of the organization. The DBA works with the application data model design/review; version control; objects management; stored procedures design and code review; environment planning and implementation; ETL extraction, transformation, and loading; design and implementation; performance tuning; documentation; and support and training.

Fraud, waste, and abuse are prevalent and growing problems throughout the U.S. and the global marketplace. Estimates put the annual cost of fraud in the U.S. at over \$3.7 trillion. Each year, American businesses lose an average of 5 percent of their revenue to fraud. In fiscal year 2014, Federal Agencies reported a government-wide improper payment rate of 4.02 percent, totaling approximately \$125 billion.

#### >> **Fraud Examination Support**

CALIBRE's fraud examinations are designed to assist in developing procedures to deter and detect fraud. Our methods include examinations conducted in accordance with lawful fraud examination techniques that include, but are not limited to: financial data analysis; examination of books and records; fraud prevention, detection, and recovery; data mining, fraudulent claims review; voluntary interviews of appropriate personnel; report preparation; and expert witness support. CALIBRE's professionals are Certified and proactive in fraud awareness, detection and prevention. Certified Fraud Examiners apply data mining and analysis techniques to identify fraud trends, recommend processes and/or procedures to mitigate loss, and engage law enforcement, where appropriate, to prosecute and realize asset recovery. They develop and maintain annual anti-fraud programs, including fraud training facilitation and fraud awareness, and file annual fraud

plans and reports according to local, state, or federal regulations. CALIBRE employs licensed ACL users of data analytics, governance, risk management, and compliance (GRC) software.

#### >> **Forensic and Investigative Accounting Support**

CALIBRE provides a broad bench of financial risk management skills. These skills include: computer forensics, data analytics, data recovery, employee theft investigation and interviews, presentation of investigation findings, forensic accounting, and accounting investigative techniques. We understand forensic accounting and are able to identify, interpret, and communicate the evidence of economic transactions and reporting events. CALIBRE's strengths include more than two decades experience in the defense community, a certified staff, and proven partners in the disciplines of financial management, investigations, and financial forensics.



Strong fraud risk assessment and prevention programs can prevent embarrassment, increase the general public’s confidence in the client organization, improve the integrity of its financial reports, and identify opportunities to save money and resources through process improvement.

>> **Internal Control and Risk Mitigation Support**

CALIBRE’s risk management professionals review client internal controls, identify material or non-material weaknesses, conduct gap analyses and remediation, provide business valuation support, assess regulatory compliance and enterprise risk management, validate contract compliance, and audit contracts for anomalies. CALIBRE knows there is more to fraud prevention and detection than a strong set of internal controls. Enforcement of ethics, hotlines, job rotation, and mandatory vacations can play an important role in combating fraud losses. Strong fraud risk assessment and prevention programs can prevent embarrassment, increase the general public’s confidence in the client organization, improve the integrity of its financial reports, and identify opportunities to save money and resources through process improvement.

>> **Improper Payment Support**

CALIBRE understands that not all improper payments are fraudulent or represent a loss to the government. Even so, all improper payments degrade the integrity of government programs and compromise citizens’ trust in government. CALIBRE leverages its expertise in data mining, analytics, and web page development/maintenance to conduct pre-payment reviews of claims and improper payments. Our technologically-driven, cost-effective ability to handle large volumes of transactions limits the manual efforts and expense associated with reviewing and flagging fraudulent claims, agency errors, or misconduct. We can maintain current claims processing times while providing modifications to existing software in a rapid and timely manner. We stand ready to help agencies integrate Improper Payments Elimination and Recovery Act (IPERA) requirements into day-to-day business operations.

>> **Our Support Services**

- *Fraud Examinations*
- *Forensic and Investigative Accounting*
- *Internal Control and Risk Mitigation*
- *Improper Payments*

>> **Fraud Hotlines**

- [www.dodig.mil/hotline](http://www.dodig.mil/hotline)
- [www.oig.doc.gov/pages/hotline.aspx](http://www.oig.doc.gov/pages/hotline.aspx)

**ABOUT CALIBRE**

CALIBRE Systems, Inc. is an employee-owned management consulting and information technology solutions company supporting government and industry. CALIBRE is committed to the success of our clients and delivers enduring solutions that solve management, technology, and program challenges.

For more info contact us at [contracts@calibresys.com](mailto:contracts@calibresys.com)