

BKD BIG DATA & ANALYTICS

experience **insight** // Organizations generate vast amounts of data every day—data that many consider overwhelming. However, that data contains important facts, trends and patterns that can provide insights into your organization. Whether you use it for fraud detection, business intelligence, risk management or something else, leveraging your organization’s structured and unstructured data is important. **BKD can help.** Experience how BKD’s Big Data & Analytics suite of solutions can help bring your data into focus.



FLEXIBLE SOLUTIONS FOCUSED ON RESULTS

BKD’s Big Data & Analytics solutions are divided into five distinct categories:

OPERATIONAL INSIGHTS

Analytics provide executives, managers and departmental leaders with the information they need to make insightful decisions.

PROCESS-BASED

Analytics focus on common financial processes, including accounts payable, payroll, purchasing cards, accounts receivable and the general ledger.

STRATEGIC PLANNING & KNOWLEDGE

These consulting and development services help organizations assess data needs, risks and opportunities, develop a plan to leverage data and train personnel to use data analytics tools such as ACL™ and IDEA® for more effective analyses.

INDUSTRY-BASED

Analytics address specific issues in the health care, higher education and banking industries as well as at organizations with global operations facing anti-bribery and corruption law requirements.

UNSTRUCTURED DATA & TEXT

Using BKD’s Integra**Detect** text analytics service as a foundation, these solutions leverage the vast amounts of data stored outside the accounting system, such as in email and chat logs.



59.7 PERCENT

According to the Association of Certified Fraud Examiners **2014 Report to the Nations on Occupational Fraud and Abuse**, organizations that used proactive data monitoring and analyses experienced a **59.7 percent reduction in median losses**.

BIG DATA & ANALYTICS TEAM

The Big Data & Analytics team comprises individuals with a variety of backgrounds, expertise and certifications, including:

- CPAs
- Certified Fraud Examiners
- EnCase® Certified Examiners
- Certified Internal Auditors®
- ACL™ Certified Data Analysts
- Masters of Business Administration
- Certified in Financial Forensics
- Former law enforcement officials

TOOLS & TECHNIQUES

BKD uses an array of analytics tools and techniques to help organizations leverage data, including:

- Computer-assisted audit tools and techniques
- Programming languages and scripting
- Analytical database platforms
- Machine learning and artificial intelligence
- Social network analyses
- Natural language processing and text analytics
- Proprietary, custom-built and ad hoc tools and techniques
- Statistical-driven detection methods

ABOUT BKD FORENSICS & VALUATION SERVICES

BKD understands the special role that consultants, damages expert witnesses and fraud investigators play in litigation. We assist attorneys with the business valuation, forensics and fraud investigation services they need to represent their clients well. For more information, visit bkd.com/forensics.



1:6 PARTNER:STAFF 

With a partner-to-staff ratio lower than the average for national firms, you'll have access to partners and experience personal communication.

BKD THOUGHTWARE®  // articles  // emails  // presentations  // videos  // webinars

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Jeremy Clopton, CPA, ACDA, CFE // Director // jclopton@bkd.com // 417.865.8701
 Thomas Haldiman, CPA, CFE // Senior Managing Consultant // thaldiman@bkd.com // 816.221.6300

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