Advanced Analytics for OIGs
Machine-based models to outsmart, corner and prosecute fraudsters

ASR ANALYTICS
Decide with Intelligence. Act with Confidence.

ASR Overview

ASR Analytics (ASR) offers advanced analytic services and solutions to agencies across the U.S. federal government. We manage complex analytic projects for several state and local authorities, including support for fraud prevention and detection, audit case selection, and collections optimization. To date, **we have identified over $500 million in claims and payment fraud for federal, state, and local government clients**.

Strategic Teaming Partners

Grant Thornton

Grant Thornton professionals combine highly technical forensic accounting skills, investigative prowess, state-of-the-art technology, and deep industry knowledge, to assist both public and private sector clients in investigating allegations of fraud, waste, and abuse. We have extensive experience using data analytics to identify leads and prioritize investigative efforts.

Contractor Registration

DUNS: 15-1083305   **CAGE Code:** 3XRN0
SAM Registration: Active
NAICS: 541611 (primary)
541612, 541613, 541614, 541618, 541690

Federal Contract Vehicles

PRAC PACE BPA
140D0421A0024
GSA Best-In-Class Contracting Vehicles
47QRA20D1197 (OASIS-SB Pool 1)
47QRA20D3164 (OASIS-SB Pool 3)
GS-35F-450AA (MAS)
IRS Servicewide BPAs
2032H519A00011 (RAAS DAIS)
2032H519A00026 (W&I Non-IT Services)

OIG Access to Analytics Governmentwide Contracting Vehicle

ASR Analytics is proud to serve as a prime contractor under the **CIGIE Pandemic Response Accountability Committee (PRAC) Pandemic Analytics Center of Excellence (PACE) blanket purchase agreement (BPA) vehicle**, which has a $50 million ceiling and is accessible to any CIGIE member organization. CIGIE established the PRAC PACE BPA to provide governmentwide OIG access to a leading-edge analytic platform with the capacity and scale to oversee more than $5 trillion in pandemic-related emergency spending. The PRAC PACE BPA offers OIGs the following services and solutions:

- **IT and Data Management**, including finding new data sources; creating extract-transform-load (ETL) processes; and enabling data warehousing, governance, and security.
- **Analytics, Visualization, and Reporting**, including developing analytical tools and models, as well as custom visualizations and dashboards for analysis and reporting.
- **Investigative Intelligence**, including supporting investigations with analytics and providing expertise in forensic accounting.

Read more: http://www.pandemicoversight.gov/news/articles/pandemic-analytics-center-excellence-pace-drives-analysis-pandemic-response-funds, or contact Sara Dendas, PRAC Contracting Officer's Representative at sara.dendas@cigie.gov.

We have heard the plight of many **OIGs eagerly seeking investigative capacity and advanced analytic capabilities to rapidly identify and hold accountable the growing number of fraudsters** exploiting federal assistance programs.

Capabilities and Holistic Solutions for OIGs

ASR Analytics has 16+ years of experience helping its public sector clients ensure program compliance, while proactively preventing the threats of fraud, waste, abuse, and mismanagement. We believe integrating organizational knowledge with **data-centric, evidence-based** research, statistics, analysis, modeling, predictive analytics, and visualization is the most effective way to quickly detect and prevent against fraudsters. ASR and Grant Thornton have the experience and capabilities to help you

FRAUD RISK MITIGATION & INVESTIGATIONS

Risk Assessment — Identify and assess fraud risks

Investigation — Information gathering and analysis

Analytics & Monitoring — Identify and assess elevated risk of fraud, waste, and abuse

Protect & Detect

Respond & Resolve

Remediation & Program Enhancement — Identify and implement control enhancements

Antifraud Strategy — Synthesize risk findings and refine program

Reporting — Communicate to key stakeholders

address your most significant fraud risk challenges, confidently guiding you towards your target state of performance. Rising to this challenge requires expertise, state-of-the art tools, and smarter, more efficient data acquisition and analysis processes. ASR can give you the insights you need to **Decide with Intelligence and Act with Confidence**.

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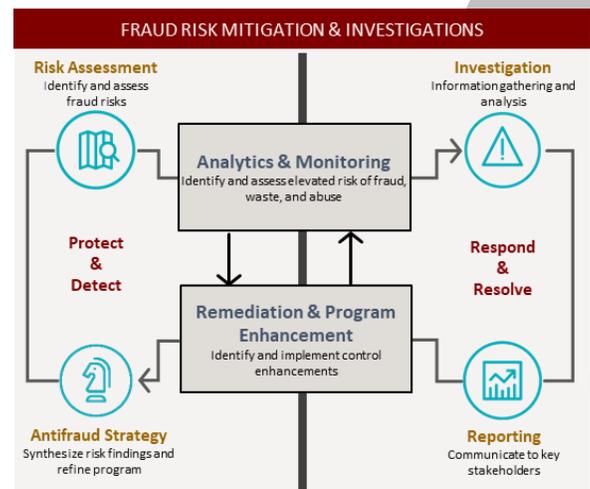
## Capabilities Derived from Advanced Analytics Solutions

Explore and Visualize Crime Networks

Graph analysis and visualization tools allow users to specify patterns of interest, perform large-scale graph searches, visualize, and filter results, and enable easy identification of investigative targets and interactive investigations.


Optimize Response and Case Selection

Risk scoring models and algorithms provide prioritized leads with associated metadata for productive investigation, audit, and collection.
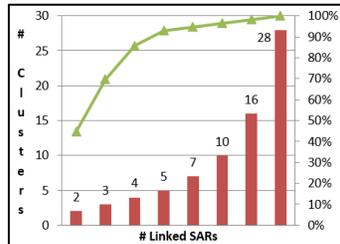
Bolster Investigative Support and Prosecution

Community detection algorithms and unstructured data analyses identify bad actors, block suspicious transactions, and protect claims and payments before they are made.
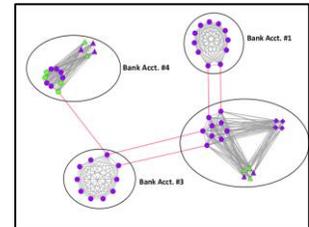
ASR professional staff includes business intelligence specialists, statistical programmers, text analytics and natural language programming (NLP) developers, machine learning and artificial intelligence (AI) consultants, data warehouse developers, database analysts, data scientists, compliance experts, investigative and forensic analysts, business process consultants, and behavioral analysts.

Grant Thornton professionals have a global footprint and our team is made up of CPAs, CFEs, CAMLS, Certified in Financial Forensics designees, and forensic technology specialists. Our team has extensive experience working closely with organizations to prevent, detect, investigate, and remediate fraud, waste, and abuse. Partnering with cross-functional teams, Grant Thornton has designed and implemented risk ranking tools that factor in qualitative criteria and data analytics to assist in case identification and the prioritization of investigative efforts once cases have been identified. Grant Thornton provides an independent and impartial means to establish and assess the relevant facts and their implications for government agencies, legal counsel, audit and special committees, and other executives responsible for responding to administrative, criminal inquiries, management reporting, or supporting law enforcement.

Our Value Proposition

Identify, Measure and Mitigate Risks

Analytics is the key operational ingredient to integrate and enhance the principles of risk management and internal control. We provide methodologies, standardized technical approaches, criteria, tools, and techniques to conduct progressive risk assessments that generate credible leads for investigation. We work directly with key stakeholders to target residual risk goals, facilitate change, and prioritize improved processes for risk management and monitoring.

Prevent, Detect, and Investigate Fraud, Waste, Abuse and Mismanagement

Fraudsters are accessing systems, acquiring data, and committing fraud through multiple channels that can go undetected and unnoticed, even with existing business rules and monitoring tools. We leverage advanced data analytics, predictive modeling, algorithms, machine learning, and artificial intelligence to reduce the risk of improper payments and to better identify, detect and address root causes for abuse, waste, and fraud.

Contact Information

Learn more about our services and solutions by visiting us at http://www.asranalytics.com/solution-areas/network-analysis-with-graph-DBs or contacting one of our senior solution leaders.

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