



ADVANCED AI/ML SOLUTIONS

Empowering the Intelligence Community



Acuity drives digital transformation for the Intelligence Community (IC) using advanced AI and Machine Learning technologies tailored to meet the unique Mission challenges of the IC. We help agencies manage risk, prevent threats, and enhance decision-making while streamlining processes.

Acuity, Inc. specializes in technology consulting for federal agencies, focusing on national security and public safety missions in the areas of IT Modernization, Data Enablement, and Hyperautomation.

Contract Vehicles:

- GSA MAS
- FAA eFAST
- DOD JAIC
- SEC OneIT SB
- CIO-SP3 SB, 8(a)
- SDVOSB

AI/ML Consulting for the Intelligence Community



Acuity offers AI/ML services to address IC-specific needs, applying powerful ML models to data environments including data lakes, document repositories, and communication streams. Our solutions leverage industry leading Large Language Models (LLMs) and can be specifically tailored for intelligence data, enabling the analysis of complex patterns and emerging trends across datasets.

Custom AI/ML Strategy Development: Tailored strategies to help agencies detect threats, and anomalous behavior in data patterns—providing predictive insights and proactive risk management.

Advanced Data Engineering: Scalable data architecture to support real-time analytics, enabling analysts to quickly uncover critical intelligence. These environments can support AI-driven models for sentiment analysis, pattern recognition, and anomaly detection in structured and unstructured data.

Secure Environment Setup: Embedded security protocols within all AI deployments, safeguarding sensitive data across multiple intelligence agencies and allowing for secure data sharing and collaboration.

AI Powered + Human Led = Intelligence Perfected



SOLUTIONS

FinOps Analytics Dashboard



Acuity's FinOps Solution provides agencies with a unified view of their cloud spend and resource management. It queries across cloud and SaaS vendors for visibility into operational costs and resource allocation:

Multi-Cloud Visualizations: Gain strategic and operational insights faster with the FinOps dashboard, seamlessly integrating data from multiple cloud environments such as AWS, Azure, Google, Oracle, IBM, etc. Its visualizations streamline decision-making, empowering agency leaders to make informed, impactful choices.

GenAI-Powered Spend Analysis: Track your spending in real-time with ease. Simply ask questions like, "Where did the most recent increase in cost originate?" or "Who were the top consumers of cloud services in the last 30 days?" and the system delivers instant answers, keeping you informed and in control.

Predictive Analysis and Anomaly Detection: Uncover cost-saving opportunities and stay ahead of budget overruns with machine learning models that predict spending patterns. These intelligent forecasts not only identify potential savings but also trigger timely alerts, empowering you to make proactive financial decisions and maintain control over your budget.

Threat Detection & Risk Analysis



Our AI-powered solution is designed to analyze financial data, transactional records, and communications to uncover hidden patterns and detect potential threats. By identifying anomalies and suspicious activities, it enables intelligence teams to quickly assess risks, enhance their investigative capabilities, and make more informed decisions.

Threat Analysis: Track suspicious activities on the dark web with advanced AI. By analyzing anomalies across multi-modal datasets, including blockchain networks and traditional systems, this solution provides real-time insights, helping you stay ahead of emerging threats and uncover hidden activities with precision.

Regulatory Compliance: Ensure your agency remains compliant with evolving regulations using our solution, built to adapt to regulatory changes in real time. It automates compliance checks, tracks regulatory updates, and guarantees alignment with required standards, helping your operations stay ahead of legal demands without added burden.

Operational Efficiency: Boost operational efficiency by streamlining critical workflows such as data management, threat detection, and reporting. Our solution automates these processes, reducing manual effort and enhancing decision-making speed.

GenAI Chatbots



Acuity can architect and deliver GenAI chatbots suited to client needs, operating independently or integrated into existing IC systems. For example, we have created a Generative AI-powered chatbot that automates infrastructure provisioning and application deployment:

Create and Manage AWS Environments: Reduce setup times from days to minutes. With just a chat prompt, our chatbot manages tasks such as creating cloud environments, building CI/CD pipelines, and deploying applications.

Automation of Repetitive Tasks: Automate routine tasks like environment setup and application builds, freeing developers to focus on higher-value work, boosting productivity and speeding up delivery.

Enhanced Communication: Provide instant answers to coding queries and troubleshooting, helping developers resolve issues and collaborate efficiently, streamlining workflows across teams.

learn more at
www.myacuity.com