

Achieving Mission Outcomes Through DATA TRANSFORMATION

Data provides direction, but only if you know where to look. Acuity's Data Team offers Federal agencies new tools, processes, and techniques to gather actionable information, inform your mission-focused decisions and achieve the data driven ambitions of your enterprise. By converting both structured and unstructured data sources into transparent, meaningful intelligence that can be acted upon by users at every level in your ecosystem we help federal clients increase efficiency and advance their mission.

Our holistic approach begins with a shared understanding of the mission and the data that supports it coupled with desired outcomes and yields visible results via faster access to accurate, real-time data. With Acuity's support, our customers have found that they are spending more time focused on relevant connections, addressing more worthwhile anomalies, and improving organizational performance. Its better performance, faster than ever before.

Each Agency is on a unique data journey and at a different level of maturity. Acuity adds value from day one, by collaborating with our Federal counterparts to understand the operating environment, and then design, implement, and integrate agency-wide data strategies, platforms, governance, business processes, and tools based on each client's current data state and desired end-goal objectives. Our expertise and flexibility working with solutions that are on-prem, in the cloud, or hybrid environments, yields dramatic results over-and-over again.

Contact us to see what Acuity can do for your team.



DATA STRATEGY & MANAGEMENT

Design your data strategy relative to your mission goals and stakeholders. Construct data that can be warehoused, validated, and delivered quickly in a useful way to your stakeholders.

- Data Governance
- Data Architecture
- Data Engineering & Integration



DATA ANALYTICS

Gather, inspect, transform and visually present data from multiple sources that yield actionable business intelligence and guide mission-focused decision making.

- Data Acquisition & Maintenance
- Reporting & Visualization
- Data Lake & Streaming Analytics



ARTIFICIAL INTELLIGENCE

Evolve and learn repetitive tasks and workflows from user behavior. Create automated processes/models with sophisticated algorithms to reduce costs and increase efficiency.

- Machine & Deep Learning
- MLOps
- Intelligent Automation

CONTRACT VEHICLES

- GSA Schedule 70
- CIO-SP3 SB, 8(a) and SDVOSB

CONTACT US

Kristin Cooke, VP, Business Development
bd@myacuity.com
(703) 766-0977



www.myacuity.com

Acuity's DATA STORY

FEDERAL FINANCE ORGANIZATION

Acuity supports this enterprise in processing over 4.5 petabytes of data in this Agency's first Big Data Analytics Platform enabling high speed analytics processing, unstructured text analytics and predictive modeling and visualization. Acuity builds agile, innovative analytic modules across platforms to provide business value and uses this data to develop algorithms and applications to predict risk, prioritize investigations and make better decisions that protect the public/investor community from obtaining fraudulent information that could impact investors' financial security.

DEPARTMENT OF HOMELAND SECURITY

Acuity modernized and optimized a legacy enterprise data warehouse that ingests complex data sets and models to provide Federal leadership with advanced statistical capabilities yielding actionable insights on mission priorities. Our effort streamlined the data extraction and reporting process from 24 hours down to 3.5 hours and is run daily, providing near real-time data access and self-service reporting capabilities. In phase 2, we use Databricks to reengineer the enterprise data warehouse to further reduce run-time and to provide advanced business intelligence, exploratory and operational analyses, as well as optimized data engineering capabilities.

DEPARTMENT OF STATE

Acuity designed and migrated an on-prem data center to a secure microservices architecture in a new cloud-based platform. This system is used by more than 37,000 internal and external users and contains approximately 40 million records. In just 18 months, Acuity successfully automated the system and the data extraction process. The new system uses a FedRAMP-certified cloud platform, making this organization among the first federal entities to successfully migrate FISMA moderate-level data to the cloud. Two critical success factors have been the robust data governance policies and the advanced data analytics capability, enabling users to predictively identify national security anomalies and patterns and make informed decisions in a secured environment.

MISSION IMPACT

\$718M saved by establishing and implementing a new financial system model

80M records culled for OMB and EOY dashboards and visual reporting

24+ data modernizations to render faster queries and gain business agility in the digital age

>\$50B in federal assets tracked by normalizing, standardizing, and reconciling structured and unstructured data for powerful processing

800+ TB of production data protected and filtered for business and mission critical functions

>70 multi-tiered, role-based, web applications created by digitizing 4+ million paper records and files

CONTACT US

Kristin Cooke, VP, Business Development
bd@myacuity.com
(703) 766-0977

Acuity
Your Vision | Our Focus

www.myacuity.com