

# Akira Technologies, Inc.

Your trusted technology and management consulting partner.

AKIRA

www.akira-tech.com



Akira Technologies is a HUBZone small business with the capabilities and team to be an ideal Prime Contractor for ITES-3S, Akira has demonstrated ability to manage multiple concurrent contracts and is doing so today with 48 different contracts with 32 different customers.

Akira Technologies, Inc., delivering sophisticated, customized solutions that improve business efficiency across the enterprise, since 2003. Akira is an agile provider of technical solutions that enable mission-critical operations and decision-making. Our solutions help our customers improve their business performance through information technology transformation services focusing on architecture, information management, systems integration, and integrated solutions. Akira is SBA certified HUBZone Small Business.

## What We Do:

### Software Development and System Integration

Enterprise Application Development, Web & Mobile Solutions Development, Agile Software Development, Agile DevOps, Service Oriented Architecture

### Cloud Consulting

Cloud Strategy Development, Cloud Architecture (Public/Private/Hybrid), Cloud Migration Planning & Execution, Cloud Software and Services Integration, Cloud Readiness Assessment, Cloud Service Management & Governance, Managed Services

### Cybersecurity

Endpoint & Perimeter Defense, Application Security, Risk Management, Vulnerability Assessment, Incident Response, Security Operations, Data Security and Insider Threat, Threat Hunting

### Data and Analytics

Big Data, Cloud Hosted Data Analytics, Data Science & AI, Enterprise Data Management  
Modern BI/DW

### Enterprise Services

Network Engineering, Identity and Access Management, Software Defined Networking (SDN), Network Administration

ISO  
9001:2008



DUNS: 605928246  
CAGE: 4HSQQ ddddd  
FEIN: 86-1061924

Contract Vehicles  
ITES-3S  
Number: W52P1J-18-D-A115

CMS SPARC  
DHS First Source II:  
HUBZone - HSHQDC-12-D-00015  
8(a) - HSHQDC-12-D-00022  
DHS TSA BPA:  
HUBZone - HSTS03-15-D-C10007  
DLA: SP4701-14-D-0001  
FAA eFast  
GSA IT 70 :GS35F515BA HUBZone  
GSA 8(a) Stars II GWAC  
Constellations I&J:GS06F1024Z  
NIH CIO-CS:  
8(a) / HUBZone  
HHSN316201500024W  
Seaport NXG Large Business



HHS • FDIC • DOD • Commerce  
DHS • DOE • USDA • DISA • Treasury  
Air Force • USPTO • DLA • NASA • CMS

AKIRA LABS – Akira Labs works to research, develop, and integrate cutting edge technologies and solutions.

- Cloud Management Platform (CMP): unifying multi cloud (public/private) environments with a centralized hybrid cloud dashboard
- Software Defined Networking (SDN) Solutions: Centralized overlay Networking dashboard. Centralized Architecture view to increase agility and programmability.
- Fully Automated Solutions: Fully Automated DevOps solutions. Continuous Integration and Continuous Delivery. Deployment Metrics

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**Big Data Solutions** - Analyze structured and unstructured data, with distributed processing big data frameworks to create both operational enhancements and strategic impacts. We build and operate Big Data solutions using open-source Apache Spark and Apache Hadoop; commercial big data stacks from Databricks, Cloudera, Hortonworks, and SAP; and cloud-hosted big data services from Azure HDInsight, AWS Elastic Map Reduce, and Google Dataproc. Our solutions use lambda architectures to ingest both streaming and batch data for real-time insights.

**Cloud Computing** - Akira has a dedicated Cloud Computing lab. Our comprehensive offering assists our customers through the full lifecycle of cloud computing—from strategy and planning to design, delivery, and managing of cloud environments. We have designed, implemented and managed several cloud environments for early adopters and formed strategic industry partnerships with such global leaders in cloud computing as VMware, Amazon, Microsoft, EMC, Cisco, Citrix, and many others.

Akira Technologies Cloud Offerings include; • Cloud Strategy Development • Cloud Readiness Assessment • Cloud Architecture (Public/Private/Hybrid) • Cloud Migration Planning and Execution • Cloud Software & Services Integration • Cloud Service Management & Governance • Cloud Security Management

**Cybersecurity** - Government faces a myriad of security challenges, and the industry offers so many tools to address insider threat, mobile/endpoint protection, malicious external attacks of varying types. Akira Technologies offers a portfolio of best of breed products coupled with expertly trained personnel to both understand the organization's challenges and build solutions to protect its data and assets. Akira currently provides Cybersecurity, Identity Access Management and Information System Security Management in support of Defense and Civilian federal government customers.

**Identity and Access Management (IAM) Services** - It's no secret that Identity & Access Management is one of the most complex Enterprise Initiatives an organization can undertake. Not only is it pervasive in the sense that it impacts every user in the organization, but challenges presented by cloud adoption, remote workforces, BYOD and mobile device demands, growing compliance requirements and complexity, and an ever-growing threat landscape. We have designed and implemented Identity and Access Management (IAM) solutions as a Service. Our IAM offerings include: • Identity Management As a Service (IDaaS) • Identity Governance As a Service (IGaaS) • Identity Intelligence & Analytics • Privileged Account Management

**Value Added Reseller (VAR)** -more than 500 OEMs. Our VAR team has relationships with COTS providers. We know the equipment inside and out.

## Original Equipment Manufacturers

ACCESSDATA	CISCO	HPI	NEC	SERVICENOW
ADOBE SYSTEMS	CLOUDERA	IBM	NETAPP	SOLARWINDS
ALLIED TELESIS	CRADLEPOINT	INFOR	ORACLE	SPECTRA LOGIC
APC	CRITICAL POWER	INFORMATICA	PRIVATIZEME	TABLEAU
APPLE	CYBERPDWER	INTEL	POLYCDM	TARGUS
ATHOC	DELL	INTERNET2	QLIK	TRANSITION NETWORK
AVOCENT	DOCKER	IPSWITCH	QUANTUM	V3GATE
AXION MEMORY	EMC	IXIA	RACKSPACE	VEEAM
BERICO	ENTERPRISE VISION	JUNIPER	RED HAT	VMWARE
BLACKBOX	ENTRUST	LEXIS NEXIS	RSA	WESTERN DIGITAL
BROCADE	FUJITSU	LEXMARK	SAMUNG	WINZIP
BROTHER	GETAC	MICROSOFT	SAP	VERITAS
CHECK POINT	HPE	MONGO DB	SAVIYNT	XEROX

## NAICS

423430	519130	541511	541612	541990
517110	519190	541512	541614	561110
517210	541330	541513	541690	561210
517919	541380	541519	541712	561410
518210	541430	541611	541720	561499



FEFA brings a stable history of established processes, proven capabilities, and corporate resources coupled with highly relevant experience in biotechnology, U.S. and international regulatory guidelines, research and development support, veterinary care and animal husbandry, and clinical research support. FEFA is an SBA Certified HUBZone firm that is also ISO 9001:2015 Certified. We have an established process for meeting and exceeding client expectations.

### Regulatory Compliance

Providing support to ensure compliance with national and international regulations and guidelines from the FDA, OHRP, ICH-GCP EMA, as well as state and local policies.

### Clinical Research

Research coordination and participant care services are offered for a variety of studies. Qualified staff with years of experience conducting projects scientifically, ethically and reliably.

### Animal Research

Animal husbandry services performed 7 days per week, 365 days per year. Also providing animal health monitoring, surgical assistance, veterinary care, and facility management.

### Laboratory Equipment

A distributor of high-quality laboratory equipment for the scientific community. We work closely with manufacturers to guarantee the successful performance of products for scientific research in broad areas.

#### Additional Services:

##### Subject Matter Experts

- Scientific and Technical Experts
- Regulatory Affairs
- Statisticians
- Biostatisticians
- Clinical Research Analysis and Review
- Data Management
- Scientific and Technical Writing
- Site Visit Observation Reports

##### General Services

- Database Administration
- Interactive Media and Multimedia
- Records Management
- Organizational Development
- Standard Operating Procedures
- Strategic Planning
- Strategic Sourcing Analysis
- Technical Assistance and Development
- Work Process Analysis

##### Additional Service Areas

- Staffing Support
- Scientific Equipment Maintenance and Service
- Pharmacovigilance & Clinical Safety
- Statistical Analysis & SAS Programming
- Quality Assurance
- Subject Recruitment
- General Scientific and Research Support
- Communications Services



Our past experiences of delivering quality solutions have included clients in both the commercial and federal sectors. The most visible and meaningful measure of customer satisfaction are positive feedback and a willingness to renew contracts year after year with FEFA.

Key Clients include a Diverse portfolio of Federal Customers:

- U.S. Environmental Protection Agency
- The National Institutes of Health (NIH)
- Department of Defense (DoD)
- U.S. Food and Drug Administration
- Multiple Corporate Partners

DUNS Number: 135174832  
8(a) Partners  
CAGE Code: 3HA49

NAICS Codes:  
541690, 541711, 541712, 541720, 541940, 541990, 561110,  
334516, 339112, 541611, 518210, 541511, 541512, 541513



With full-service expertise and small-business responsiveness, FEFA senior scientists and biostatisticians, along with project managers and support staff, collaborate on study development, implementation, operations, data analysis, and reports. The staff supports our clients so they can deliver results in an efficient and cost-effective manner.

### Division of Cancer Research and Training

Designed to include an administrative, research, planning and evaluation, and developmental core, all of which encompass programs that focus on the biology, etiology, prevention, detection, diagnosis and/or treatment of human malignancies.

### HIV/AIDS

Providing both International, National and Community HIV/AIDS research. Our researchers fight the HIV/AIDS epidemic by studying the behavioral and clinical aspects of HIV/AIDS prevention and treatment. Our leadership and commitment to research have substantially advanced the understanding of and fight against the HIV/AIDS epidemic in underserved communities. Our international research has included areas such as Angola, Rwanda, Belize and Jamaica.

### Clinical Translational Research Center

FEFA has access to a facility that is located in 5,000 sq. ft. outpatient and administrative unit with seven exam/treatment rooms, a processing laboratory and a dedicated consultation space for study participant interviews. We provide cardiovascular and metabolic assessment resources, a site dedicated pharmacist, negotiated lab fees for assays, and participant transportation. The Center offers additional conference room spaces and houses both Morphometry and Core Laboratories. Our clinical staff is knowledgeable and skilled in protocol implementation, data collection, phlebotomy, IV insertions, pharmacokinetic studies, administration of investigational drugs, multiple sample collection, Oral Glucose Tolerance Tests, glucose clamp studies, EKGs, and assisting investigators with minor bedside procedures. Pharmacy services include procurement, disposal, packaging, randomization and dispensing. Currently the center services seven actively recruiting studies in the areas of HIV/AIDS, Cancer, Social/ Behavioral and Cardio-metabolic Research.

### Animal Husbandry and Veterinary Support

FEFA employees perform tasks that include animal husbandry services on a seven days per week, 365 days per year basis. We also provide animal health monitoring, surgical assistance, veterinary care, and facility management. In the following subsections, we document our broad experience and expertise in providing animal husbandry, facility management, technical support, surgical support, veterinary care and health surveillance, transportation, and logistics and inventory management support services.

### Biomedical Informatics

This core facility provides support in informatics applications in the areas of image transmission and display, video teleconferencing, and multimedia databases between participating institutions, using a high-speed network infrastructure and paved the way for joining "Internet 2". Information technology (IT) infrastructure is also useful acquiring, indexing, archiving, and extracting content (e.g., data mining) from large volumes of data.

### Translational Science Research

Our team science activities are supported by eleven core functions: Biomedical Informatics; Community Engagement; Clinical and Translational Research Center; Research Design and Biostatistics; Evaluation; Innovations and Partnerships; Pilot Program; Regulatory; Research Education and Training; and two Technical Core Laboratories.

### Elimination of Cancer Health Disparities

Numerous research projects are currently being conducted by the our staff, including basic laboratory research, community outreach and engagement and clinical trials activities.

### Site Management and Monitoring

Geographically dispersed, experienced clinical research associates are well-versed in design, implementation and collection, and their analysis methods provide in house support to clinical sites for all study activities including initiating sites, performing interim and closeout monitoring, and ensuring regulatory compliance.

### Laboratory and Scientific Equipment

FEFA serves as a distributor of high-quality laboratory equipment for the scientific community. We work closely with manufacturers to guarantee the successful performance of products for scientific research in broad areas. FEFA strives to provide innovative, cost effective products, and support to ensure complete satisfaction for our customers.

## Company Data

SBA HUBZone Certified • WOSB Certified • ISO 9001:2015 • CMMi Level 3 • GSA IT 70 Prime Contract Holder  
Personnel Certifications: PMP, ITIL, CSM, Oracle, Cisco, Microsoft, VMWare, AWS Cloud  
WBJ Minority Business Leader of the Year; Top 10 Women-Led Companies in the USA by Inc500; Women In Technology Leadership Award; BRAVA CEO Award

### CORPORATE CODES

DUNS: 957737468  
CAGE: 73UU4  
GSA IT Contract #: GS-35F-051GA

### NAICS CODES

541511 • 541512 • 541519  
541611 • 541612 • 611618  
541620 • 541690 • 611430

## Core Competencies

### Information Technology

Business Requirements Analysis • Software Development and Maintenance •  
Mathematical Modeling • Systems Integration and Modernization •  
Document Management • Help Desk and Call Center • GIS

### Program Management & Talent Acquisition

Best Practices • Performance Evaluation and Monitoring • Quality Assurance •  
Portfolio, Program & Project Management • Strategic Planning •  
Technology Roadmaps

### Business Analytics & Health IT

Data Profiling • Computerized Records Management • ARIMA, Logit/Probit, & CHAID  
Segment Models • Health Correlation & Predictive Models • Multivariate Regression  
Forecasting • Ratio Estimate Sampling Studies

## Proven Performance

### Inoventures' Diverse Customer Base

- Financial Industry Regulatory Authority (FINRA)
- National Institute of Environmental Health Sciences (NIEHS)
- Environmental Protection Agency (EPA)
- Department of Health & Human Services (HHS)
- Federal Deposit Insurance Corporation (FDIC)
- US Census Bureau
- Hughes
- Verizon



Inoventures is a Prime GSA IT 70 holder and has access to:

- USCB SE&I
- SPARC
- CIO SP-3
- Alliant SB
- STARS II (8(a))
- VETS
- eFAST
- OASIS
- MOBIS



# Inoventures Success Stories

## Cloud Solutions



U.S. Department of Commerce  
US Census Bureau

Inoventures is partnered with the Census Bureau through 2023 to develop software, assist with cloud migration, operations testing and control. At the Census Bureau, Inoventures employs state-of-the-art database and geospatial analyses to support the Bureau's 2020 Census initiatives. Our data analysts work on boundaries for legal and statistical entities and we are helping the Bureau in transitioning applications to the Oracle cloud environment.

## Application Development



National Institute of Environmental Health Sciences  
National Toxicology Program (NTP)

Inoventures is responsible for redesigning UI, defining user experience, mapping information architecture and user interactions. Inoventures team works closely with Information Technology Resources Advisory Committee ITRAC while designing interfaces for mobile and desktop web applications.

## Information Security



Federal Deposit Insurance Corporation (FDIC)

At FDIC, we provide requirements analysis, life-cycle analysis, information technology security support and database management. We assist in various aspects of applications monitoring and security management for over 40 applications. Our support includes tasks from computer security, trouble shooting to help desk management with mobile apps, ADP and Wolf systems.



Financial Industry Regulatory Authority (FINRA)

Inoventures' team develops trading information for FINRA's Blue Sheet data files. These files provide daily trading/account information to SEC with intricate analyses of every US financial firm's trading transactions on a daily basis.

We use Premise Oracle, Big Data, Postgres SQL on AWS Cloud, Angular JS, Java Messaging Service on SQS, SNS on AWS Cloud

## Systems & Software Engineering



U.S. Environmental Protection Agency  
Office of Research and Development

Inoventures provides software engineering support to the Office of Research and Development. The software engineering specialized scientific support services team provides flexible, innovative, and cost effective information technology solutions to the EPA and partner user communities, Federal and State agencies. Tasking includes modeling, software development, visualization, statistical correlation analysis, science and research support.



Hughes Network Open View Monitoring

Implement complex policies for monitoring many HP servers, network devices and Hughes applications in a highly technical environment. Inoventures' scope includes upgrading and patching of all HP Open View OMU/OML, enhancements of the Hughes servers, accurate systems engineering, management of alert messages and avoidance.

## Strategy & Management Consulting



U.S. Environmental Protection Agency  
Office of Water

Our team Designs and develops in/out-of-band data exchanges between the primacy Agency and Federal systems via web services. We provide Infrastructure Branch Support including the Compliance Monitoring Data Portal (CMDP), SDWIS Prime, Data Migration, and SDWIS APIs.

## Infrastructure Support



Verizon Business Analytics

Developed sophisticated CHAID segmentation models for the Verizon VISA group and helped them earn \$325M in portfolio assets by targeting right customers. Performed numerous data analysis and profiling models using SPSS and SAS programs for Verizon wireless and long-distance programs and established best-cost and innovative algorithms that continue to increase revenues for Verizon.

