At a Glance

Full IT support services, software design & development

Combining social, mobile, analytics and cloud to develop solutions; manage and support data and infrastructure of all sizes; provide program/project management; enterprise architecture & cybersecurity

Value Added Services

- System Development – Agile & Classical
- Business Intelligence, Data Sciences & Analytics
- Cloud Computing & Infrastructure Optimization
- Mobile App Development & Enterprise Mobility
- Cybersecurity – Zero Trust and CMMC
- Agile SAFe Training

Total Small Business

- Founded in 2008
- Offices in Tysons, VA, and Carson City, NV
- Cleared Professionals: 94% of Staff with Secret and Top Secret/SCI
- Certified Professionals: AWS, MCE, CISSP, CEH, CSM, ITIL, IAT Security L-2
- Strategic Business Partnership with OEMs and Service Providers with Microsoft, IBM, Cisco, Amazon, and others via Tech Data, Inc.
# Customer-Centric Engagement Model

## Service Offerings

| Information Technology | • Digital Transformation, Business Transformation and Process Automation  
|                        | • Project Management, Change Management, Development, Systems Administration, Systems Testing  
|                        | • Enterprise Architecture, Systems Architecting, Systems Engineering, Systems Integration, DevOps  
|                        | • Helpdesk Support  
| Mobility               | • Mobile Solutions, Enterprise Mobile Management (EMM)  
|                        | • Mobile App Development, Mobile Security  
|                        | • BYOD, Device-As-A-Service (DaaS)  
| Agile Software Development | • Design and Scalable Platform / Architecture Design  
|                        | • Component SW Development & Implementation, Quality Assurance  
| Cyber Security, Info. Assurance | • Security Incident and Event Management (SIEM)  
|                        | • Advanced Preventive and Proactive Cyber events  
|                        | • Threat Emulation; ATO process; Zero Trust; CMMC  
| Health IT              | • eHR Modernization  
|                        | • Value Based Care for Life Sciences [Outreach, Diagnosis, Reporting]  
|                        | • Systems Engineering & Production Control  
| Data Management        | • Data Management Services; Data Governance  
|                        | • Data Visualization and Analysis Services  
|                        | • Data Warehousing & Business Intelligence Services |
AET Clients
Federal, Commercial & OCONUS

- National Geospatial-Intelligence Agency (NGA)
  Digital Transformation; IT Support Services - Classified
- US Army Medical Research and Development Command (USMRDC)
  IT Support Services; Business Transformation; Cybersecurity
- Department of Energy – Energy Information Admin. (EIA)
  Helpdesk Support Services; User Services Center
- U.S. Treasury Inspector General for Tax Admin. (TIGTA)
  Cybersecurity; Enterprise Architecture; Infrastructure Support Services
- Federal Trade Commission (FTC)
  Mobility Solutions; Cybersecurity Solutions
- Department of Transportation – Federal Aviation Admin. (FAA)
  Enterprise Mobility support; Email Migration Services, IAM, Mission Critical Cloud Migration
- Ministry of Interior – GID, KSA (OCONUS)
  Tier-3 Data Center; IT & Security System Design, O&M
- Department of Commerce – U.S. Census Bureau (USCB)
  Mission Critical Data Management & Software Development
- Defense Health Agency (DHA)
  Private Cloud, Application Migration, O&M
- Essence Patient Solutions [InterSystems, Inovalon, Merck]
  EHR; Data Analytics & Processing; IT Support Services
Systems Development – Agile & Classical
Delivering Quality to customers at a consistent pace

Decennial Census 2010: Provided services and solution development using Agile methodologies for over 4 years. With our DevOps experience we were able to deliver solutions in 40% less time. The effort involved migration of corporate wide internal and external databases & applications, data integration and processing. Project timeline was critical - ran three 24x7 operations to meet Census Day – April 1st deadline.

Designed for Usability
• User centric & adaptive approach
• Specifications & Design closely connected via user stories
• Well versed in Agile Methodology

Evolve & Improve
• Adaptive development creating opportunity for improvement
• Functionality gets precedence over features
• Seamlessly integrate evolving requirements

Rapid Results
• Deliver rapid results – iterative approach resulting in incremental delivery
• Integration of right solutions and toolsets
• On/offshore setup - around the clock engagement
Cyber Security – Information Assurance & Support
Securing our customers intellectual properties

Cybersecurity Services—includes the design of IT security architectures and support of IT security organizations. AET expertise in the implementation of intrusion detection and monitoring capabilities, along with establishment and operations of robust continuous monitoring.

Summary of AET Capabilities
Security Operations Center design and development
Advanced Threats and Insider Threats Detection
Agency Policy Development
Mission-Critical Systems Administration
Network Architecture, Design, and Operations
Monitoring and Analysis
Critical Data Protection
Assessment and Authorization (A&A)
Training and Administration
Mobile Device Management
Vulnerability Management
Security Operations and Incident Response

AET DevSecOps
Easy to use and Deploy: Deployed in minutes and immediately begins protecting your environment.
Cost Effective: Pay for bandwidth consumed to forego the massive investment in security infrastructure.
Artificial Intelligence: Integrated AI engine to analyze and baseline traffic to enable fully autonomous threat prevention.
Unprecedented Threat Visualization: Visualize all traffic permitted and blocked.
Fully Elastic: Provide fully scalable security. Reliably scale to meet the bandwidth needs of a small business or major enterprise.
Geographic Access Control: Limit access to your content exclusively to the intended audience.

RAFE Implementation: Provided covert cybersecurity services and infrastructure development using Agile methodologies. With our DevSecOps experience we were able to deliver a secure RAFE – Mission network for TIGTA Law Enforcement Agents on time and on budget. The effort involved Assessment and Authorization (A&A), network architecture, design and operations across 6 various CONUS data centers, Authorize-to-proceed (ATO) process, access management, data integration and processing.
Identity Access Management

Quick and Easy Identity & Access

Identity Access Management Services—Our Partnerships with Atricore, Microsoft, and Okta, allow us to provide a custom IAM solutions for our customers.

Summary of AET Capabilities
Single Sign-On
Provisioning
Mobile Security
Access Control
Strong Authentication
Federated Identity

AET IAM
Ease of control: Steer your Identity and Access Management ecosystem your way. Add features you NEED.

Cost Effective: Drastically reduce implementation time-frames and total cost of ownership.

IoT Friendly: Designed to provide a secure identity ecosystem for the Internet of Things.

Judicial Council of Georgia: Atricore is an IAM solution provider and a strategic partner to AET. By working with Atricore to implement their JOSSO Enterprise Edition identity and access management solution, the Administrative Office of the Courts was able to seamlessly allow Georgia’s 40,000+ active attorneys to log into the Georgia Judicial Services Portal and access the e-filing and e-access solutions of Georgia’s largest e-filing provider, serving two thirds of Georgia’s State and Superior Courts. Additional judicial partners and constituent groups continue to be added to the Judicial Services Portal, expanding the number and types of services available through the portal.
Digital transformation is critical to remain competitive, but some companies focus on only one piece of the puzzle, which can impede progress. True digital transformation is based on the full adoption of 3 main elements: culture, process, and technology.

Overall, 40% of digital leaders report significant improvement in revenue growth.

**RAFE Implementation:** Provided Digital Transformation strategies and architectural services. The effort involved all stakeholders with full support of the Inspector General (IG) and Administrative Executives, setting the stage for a cultural and process changes, leading to technology implementation.
AET is the solution provider for BigData workloads for the **Strategic Independence Agents Alliance Group**. For commodity pricing, corrections, customer behavior & tracking of different touchpoints, AET consolidates data from various sources (Web, iOS, Android, Experian, D&B, Bluekai, Doubleclick, Omniture/GA, internal/external datamarts, etc.) in Amazon S3 and then to RedShift or other persistent data storage mediums for operational workflows or meaningful dashboards in visualization tools like Tableau, Qlikview etc. Clients are able to process huge amount of data in less than half of the anticipated time, establish governance structure for corporate wide operation and reporting needs.
Cloud Computing & Infrastructure Optimization

Lower cost - higher efficiency

Cloud Expertise

- Assess “infrastructure vs platform” as a service
- Analyze infrastructure in-place and understand future needs
- Evaluate providers and define the type of Cloud required – Cloud Orchestration Models

DevOps & Infrastructure Excellence

- Integration and alignment with DevOps philosophy
- Roadmap implementation with step by step approach
- Initiate best practices for improved and reliable delivery
- SSO integration

Business Simplification & Continuity

- Establish methodological approach & timelines
- Deploy Cloud watch, security and monitoring for peace of mind
- Improve scalability, availability & reliability

AET’s DevOps expertise to build and support heavy data processing & consumer facing platforms including apps. AET provided support to DHA/MHS migrate from a legacy data center providers to AWS without compromising user experience.
## Mobile App Development

### Efficiencies with Artificial Intelligence (AI) & Machine Learning (ML)

### Analysis
- Keep you informed on latest trends and ideas
- Well versed in Native, Hybrid & Responsive approach
- Competitive analysis
- Mobile roadmap, risks, and policies; Enterprise Mobility Management (EMM)

### Development
- Multiple Form Factors (iOS, Android, Windows)
- Implementation Encompassing Mobility Management and Security Services
- Ozone Widget Framework (OWF)
- Developed several in-house Mobile Apps

### Security
- Migration, Provision, Technology; Device & Access Management (MDM / MAM)
- Priority focused, state of the art capability
- Identify needs – internal vs. external
- Cross domain security

### Success
- Streamlined automated deployment & testing with DevOps
- Alpha, beta & public apps monitoring & post deployment support
- Light weight APIs with usage metrics & analytics

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**MeSpoke:** Designed delivered a solution of sufficient efficiency and maturity to allow the customer to manage users’ enrollment, ecommerce capabilities utilizing artificial intelligence (AI)-based computer vision algorithms. AET used supervised and unsupervised Machine Learning methods (ML) to build algorithms and “rules” derived from a geofencing and user database for analysis and processing.

**FAA:** AET designed, built and deployed Web, iOS and Android Apps. Combining our Agile Methodology with experienced mobile development teams, we were able to build the product on-time and to the user’s satisfaction.

**FTC:** AET migrated legacy Blackberry phones to smartphones, including the design and management of FTC’s Mobile Device Management (MDM) tool – IBM’s MaaS360 to enroll users.
**Product Development**

Disruptive innovation approach

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**Agile at Core**

- Agile methodology for development
- Backlog management with customer stories and feature set
- Successfully delivering on each written story, with continuous feedback

**End-user Experience**

- Design and development focused on usability
- Collaborate with product owners to address iterative changes & development
- Delivery of new features in an accelerated timeframe

**DevOps as a Philosophy**

- Automate quality assurance and deployment plans
- Application monitoring and Continuous Integration
- Usage analytics and Continuous Improvement

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**Incident Tracker** mobile app – With the help of our product development team combined with Agile & Cloud development expertise, we developed a custom-built incident tracker product that integrates with “home-base” where Field Agents capture data related to Terrorism and Homeland Security.

**Secured Vault** mobile app – Designed, developed and maintained by our development team. Stay protected with the world’s #1 most secure password manager and secure digital vault; protects confidential information (credit cards, bank accounts, logins) using End-to-End Advanced Encryption Standard (AES)-256 encryption

**Portable Office** Web & Mobile app – Time tracking system with a full business ecosystem tools and application suite integration, and loads of features developed for startup and small size businesses. Portable Office is a DCAA compliant system and uses the highest security & technological standards in today’s industry.
### ICT / Telecom

**Platform Services**

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The AET Difference

- AET focuses on a process-and-performance driven approach which is built on the concepts of Agility to adapt and evolve with the customer.
- Responsive, Customer Focused, Small-sized, Privately Held Company.
- We Value Integrity, Our Customers and Our Employees.
- Record of On-schedule, On-budget, High Quality Performance.
- Best Practices Rooted in Industry Standards.
- Extensive subcontractor management experience.
- Exceptional performance managing large contracts.
- Substantial reach-back capabilities—Solution Architects, technology “chiefs and fellows”.

AET System

- Agile at the Core
- Supported by DevOps
- Streamlined Change Management
- Deliver to Cloud (or not to Cloud)

- Experienced
- Self-Motivated
- “Product Owner” Driven
- Governance

- Pay for what you use on Cloud
- Ready for Mobility
- Collaboration
- Driven by Innovation
Inquiries or Questions?

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