



MATTER AND ENERGY, LLC

Capability Statement

CORE COMPETENCIES

IT Solutions

- Enterprise System Architecture
 - System Modernization
 - Cloud Migration & Deployment
 - Microservices Architecture
 - Serverless Architecture
 - Containerization and Orchestration
- Artificial Intelligence & Automation
 - Early Threat/Vulnerability Detection
 - Geopolitical Risk Assessment
 - Logistical Identification
 - Scalable Supply Chain Management
 - Energy Efficiency Enhancement
 - Fraud/Scam Detection
 - Virtual Assistance/ChatBot
- Research & Development
 - Graph Neural Networks (GNNs)
 - Hyperparameter Optimization
 - Large Language Models (LLMs) architecture design, pre-training, fine-tuning

Professional Services

- Information Technology (IT) Services
- Data Services
- Scientific Research
- Project Management
- Construction Management
- Consulting Services

NAICS Code:

- 518210: Computing Infrastructure Providers, Data Processing, Web Hosting, and Related Services
- 519290: Web Search Portals and All Other Information Services
- 541511: Custom Computer Programming Services
- 541512: Computer Systems Design Services
- 541519: Other Computer Related Services
- 541611: Administrative Management and General Management Consulting Service
- 541690: Other Scientific and Technical Consulting Services
- 541715: Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)

Company Address

1800 Jonathan Way. Reston, VA 20190
www.matternenergy.com



COMPANY DATA

Matter and Energy, LLC is a tech solutions company based in Reston, VA. We are a woman-owned, minority-owned, and disadvantaged small business committed to catalyzing innovation and sustainability within the government sector. We specialize in integrating emerging technologies and green IT practices into every layer of our products. Our offerings encompass hybrid cloud integration, software engineering, AI-enabled data analytics, and automation solutions. As a forward-thinking tech company, our vision is to leverage over a decade of cross-industry expertise in digitization practices from the commercial world and apply them to the public sector.

Differentiator

- Powered by an extensive repository of **commercial and proprietary information**, our Data as a Service delivers automated **real-time intelligence reporting**, supply chain transparency, and comprehensive **tracking mechanisms** for people, cargo, and materials.
- Our **Agile software development process** enables the deployment of ad hoc applications and **rapid response solutions** to meet critical timelines and deliverables.
- Our **Green IT implementation process** stands out by potentially reducing energy consumption in traditional on-premises data centers by 75-90%.
- **Swift scalability** powered by cloud computing, intelligent automation, and stage-specific metrics, allowing accurate performance tracking and **increased system elasticity**.

Socioeconomic Status

- SWaM Certified
- 8(a)/WOSB/EDWOSB Pending
- DBE Pending

UEI#: KFTRUXU6KYA4

CAGE Code: 9TFF7

Contact

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