

Core Competencies

Data Science and Fusion



Analytic processing using compute cloud tools, cloud data flows, data extraction, stream processing, high speed event handling

DevSecOps Engineering



Specialists in high-availability testing, CI/CD automation, deployment, systems scaling

Applied Machine Learning



Hardware prototyping, real-time signals analysis, image recognition, signals feature extraction, speaker recognition, adaptive topic tracking, algorithm development, AI solutions

Open Source Conversion



Experts in open source configurations, languages, and support. Modernizing licensed, limited data rights, proprietary solutions

App Development



Digital product design, managed services, visualization, UI capabilities

Rapid Prototyping



Hardware and Field-Programmable Gate Array (FPGA) development. Functional prototypes and small-scale production runs of complex systems.

Cryptographic Systems



Key Management, ICAM, and PKI Security Engineering (Access and Authorization Code)

IoT



Full-stack engineering, tech transfer, consumer applications, modern web frameworks and framework architecture

Cloud-Based Software Engineering



Cloud management services and cloud environment standup computation

Enterprise Architecture



Enterprise modernization, systems engineering, business process analysis, and business startup strategy

System Integration



Electrical, mechanical and software design, integration, IV&V

Results

- + IoT Solutions/ Data Platforms and Analytic Tools for the IC and private clients
- + Secure / KMI
- + Authentication, Authorization Net Ready
- + Zero Trust Architectures
- + Client cloud resource optimization, provider agnostic
- + From scratch Impact Level 5 environments
- + DISA service integration
- + GREYBOX service implementations
- + Sought out by large integrators to solve problems
- + CPARS scoring - Excellent and Very Good



Technical Expertise

- + Software, Cloud, DevSecOps, Systems Engineers, Data Scientists, Scrum Masters, ISSE/ISSOs, Mechanical, Electrical, and Embedded Engineers
 - 50% TS/SCI w polygraph, 50% MPO customer eligible
 - 95% hold degrees in technical fields
- + Certificates - PMP, CISSP, CCAP, SAFe Scrum Master (SSM), CSM, CTFL, DAWIA
- + PMO for capture, bid and execution

Corporate Infrastructure

- + Primes - MPO and Army
- + 15 years support MPO and 18+ with DOD, DOJ
- + Excellent CPARS and customer feedback
- + Finances - debt free, credit and capital
- + DCAA Approved AS, mix of CP, FP, Term & Completion
- + CMMC 2, NIST SP 800-171, DTTC registered
- + Mature Contract and Subcontract Management
- + Prime MACs/GWACs - RS3, JE-RDAP, Oasis+, Seaport
- + HDQTR Havre De Grace with 10,000 SQFT SCIF/office AJ, MD