



Capabilities Statement

As a multi-disciplined engineering and advanced technology services firm our strategic focus lies in collaborating with our partners, tactical talent acquisition, a commitment to consistent delivery and OCI risk avoidance. We support DoD, DoT, FFRDC and Aerospace programs, specializing in Command and Control, Surveillance, Space and Cyber Missions providing expertise in Electronics, Sensors, Radars, Satellites, Modeling & Simulation, Communications, Navigation and Mission Planning.

Core Competency

Systems Expertise

- Data
- Simulation
- Sensors
- Control
- Autonomous
- Detection
- Flight Management
- Collision Avoidance
- Communications
- Image/Optical
- Video
- Parallel Programming
- Distributed Computing
- Satellites
- Radar
- Real-Time/Embedded

Product/Performance Expertise

- Agile Software Development
- Cloud Architecture Design
- DevOps Engineering
- Systems Engineering
- Applications Development
- User Interface Design
- Advanced Data Analysis
- Software and Systems Test
- Modeling and Simulation/Emulation
- Algorithm Development
- Cyber Security Design
- Firmware/Hardware Development/Fielding
- Systems Administration
- Program Management

Certifications: Small, Woman, Veteran Owned
DUNS: 016098282
CAGE: 1 TSP8

NAICS Codes: 541715 541330
 541714 541511
 541519 519190
 541513 518210
 541512 517311

Business Development Contacts

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Program Performance

Command & Control Application Development/Modernization

- AOC Pathfinder (Air Operations Center)
- UC2 (Unit Command and Control System)
- C2IMERA (C2 Incident Management Emergency Response Application)
 - Cross Domain Solutions
 - Transformational Software Architecture
 - Establish Architectural Best Practices
 - Agile/Extreme/Paired Programming
 - Test Driven Development (TDD)
 - Continuous Integration/Continuous Delivery (CI/CD)

Modeling & Simulation Application Development

- AFMSTT (Air Force Modeling & Simulation Training Toolkit)
 - Application Modernization & Sustainment
 - Fielding & Test Events

Mission Planning Engineering

- SEIC/SEIC II (Systems Engineering & Integration Contract I & II)
 - Requirements Analysis and Specification
 - CNS/ATM Systems
 - Cyber Resilience
 - Information Systems Security Policy
 - Testing

MPACS (Mission Planning and Analysis Common Services)

- NIDS III (Nat'l Target Base/Nat'l Desired Ground Zero List Integrated Development System)
 - Software Sustainment and Modernization

Sensor System

- AETS (MassDoT All Electronic Tolling System)
 - Application Development

Engineering Services

- MIT Lincoln Laboratory FFRDC
 - Systems Engineering
 - Firmware/Hardware Engineering
 - DevOps Engineering
 - Software Engineering/Development
 - Structural Engineering

IT Services

- MIT Lincoln Laboratory FFRDC
 - Systems Administration
 - Cyber Security
 - Information Systems Security

Satellite/Electro-Optic Payload

- SSG (L3 Sensor & Simulation Group)
 - Systems Engineering
 - Integration & Test
 - Mechanical Design

Electrical Engineering

- IMAP-Lo (Interstellar Mapping and Acceleration Probe)
 - Electronic Design and Simulation
 - Requirements Development and Specification
 - Verification Testing