



# 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

**GSA Multiple Award Schedule:**

IT Professional Services SINS: 54151, 54151S  
 Engineering Services SINS: 541330ENG, 541715

**DUNS:** 016098282 **CAGE:** 1 TSP8

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

## 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

- S&S (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