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### Objective

Advanced Management Strategies Group (AMSG) provides advanced engineering solutions and data mining, collection, and analysis in support of the Missile Defense Agency's Scalable Homeland Innovative Enterprise Layered Defense (SHIELD) mission. AMSG enables the rapid delivery of innovative missile defense capabilities, supporting layered defense architectures and multi-domain security across land, sea, air, space, and cyberspace. Using model-based systems engineering, digital engineering, artificial intelligence, and advanced analytics, AMSG accelerates the development, testing, integration, and sustainment of mission-critical capabilities protecting the homeland and deployed forces.

### Company Overview

Since 2008, AMSG has delivered support across more than 60 federal contracts spanning U.S. Army, Marine Corps, Navy, DHS, DOE, VA, and FTC, including missions with the Defense Health Agency and Washington Headquarters Services. We have supported 41 federal organizations at more than 100 military and federal installations across 20 states, serving over 19 million end users.



- **Founded:** 2008
- **Federal Contracts Supported:** 60+
- **Defense & Federal Organizations Supported:** 41
- **Military & Federal Installations:** 100+
- **End Users Supported:** 19+ Million
- **Prime Contractor Rate:** 73% of supported contracts
- **Project Value:** \$192M+ in federal programs
- **Core Customers:** DoD · DHA · VA
- **Employee Retention Rate:** 95%
- **ISO 9001:2015 & ISO 14001**
- **CMMC Level 2 C3PAO Certified**

### NAICS Codes

Primary SHIELD NAICS Alignment

#### 541715

Research and Development in the Physical, Engineering, and Life Sciences  
**541330** – Engineering Services (Military & Aerospace)

**541512** – Computer Systems Design Services

**541519** – Other Computer Related Services

**541690** – Scientific and Technical Consulting Services

## DIFFERENTIATORS

- ✓ **Rapid Capability Delivery**  
Agile management of operations and sustainment support.
- ✓ **Multi-Domain Defense Support**  
Experience across air, missile, cyber, and data mission environments.
- ✓ **AI and Advanced Analytics**  
Enterprise data engineering with AI and machine learning expertise.
- ✓ **Digital Engineering and MBSE**  
Supporting defense innovation through model-based systems engineering.





100% of employees believe we operate by **strong values.**

commitment    compassionate    involved  
**compassion**    trustworthy  
supportive    **caring**  
attentive    **positive**  
**courage**    thoughtful    competence

## RELEVANT EXPERIENCE

### Prototype Demonstrations and Testing U.S. Marine Corps – Capabilities Development Directorate

AMSG supported development and testing of **MADIS, L-MADIS, I-CsUAS, and MRIC systems**, ensuring interoperability with **G/ATOR radar and CAC2S command systems**. Our teams supported demonstrations and live-fire testing at **White Sands Missile Range and Marine Corps Air Station Yuma**, accelerating the transition of emerging technologies into operational capability.

### Homeland Air Defense Systems Sustainment Headquarters Air Combat Command

AMSG provides operations and sustainment support for **Homeland Air Defense Systems (HADS)** protecting U.S. airspace. Our teams sustain **AN/FPS-117 and AN/FPS-124 radar systems**, strengthen cyber infrastructure, and maintain resilient command and sensor networks supporting **NORAD and Air Force missions**.

### Enterprise Data Engineering and Analytics U.S. Army T2COM (formerly TRADOC) – Command Chief Data and Analytics Office

AMSG delivers enterprise **data mining, engineering, and analytics** supporting more than **50,000 Army personnel**. Our teams implemented automated data pipelines and analytics solutions using **Palantir Foundry**, enabling real-time decision support across Army leadership.

## CORE COMPETENCIES

### **Core Competencies (SHIELD Work Areas)** **Studies, Demonstrations, Testing of Prototypes (2.4)**

- Prototype integration and operational testing
- Live-fire demonstrations and experimentation
- Systems engineering and requirements analysis
- Interoperability validation across sensors and C2 systems
- Transition of emerging technologies to operational capability

### **Operation and Sustainment (2.14)**

- Radar and sensor sustainment
- Command-and-control infrastructure support
- Cross-domain networking and cybersecurity
- Configuration management and lifecycle modernization
- Logistics and asset management

### **Data Mining / Collection / Analysis (2.17)**

- Enterprise data engineering and ETL automation
- AI and machine learning analytics
- Predictive modeling and mission forecasting
- Operational dashboards and decision support
- Knowledge management solutions



## Points of Contact

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### CORPORATE HEADQUARTERS

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