



MISSILE EXPERTS GROUP

Capabilities Statement

15 April 2026



HUBZONE
CERTIFIED

COMPANY OVERVIEW

Missile Experts Group is an SBA HUBZone certified small business delivering tactical missile and missile defense engineering, simulation, and AI-driven fire control optimization. Based in Arizona, we are building dedicated infrastructure for classified simulation and visualization at scale, backed by deep program experience and an extensive network of current and retired industry veterans.

CORE COMPETENCIES

- Simulation & Visualization (Flagship Capability)
- Operations Research and Force-on-Force Analysis
- Weapon Systems Engineering
- System Design & Analysis (6DOF Modeling)
- Systems Software (RTOS, Secure Networking)
- Seeker, Tracker, GNC & Aero Control Algorithms
- Open-Weight LLMs with Custom LoRA Fine-Tuning

PAST PROGRAM EXPERIENCE

- SM-3 / Aegis Ballistic Missile Defense
- Glide Phase Interceptor (GPI)
- Golden Dome Architecture
- Exoatmospheric Kill Vehicle (EKV)
- AIM-9X Sidewinder
- M982 Excalibur Guided Projectile
- Iron Dome
- SM-X / Boost Glide Strike
- Prompt Global Strike
- And many others

DIFFERENTIATORS

- SBA HUBZone Certified Small Business (Feb 2026)
- Cleared talent on staff with active Top Secret clearances
- Proprietary Arizona-based data centers with hundreds of Xeon cores and dedicated NVIDIA GPU clusters
- Dead Eye - proprietary Vulkan-based 3D simulation and visualization engine built in-house
- Direct missile defense program heritage across Army, Navy, and Air Force systems
- Extensive industry network providing on-demand access to specialized expertise
- Building dedicated facility for classified simulation and visualization at scale

Missile Experts Group, LLC

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Snowflake, Arizona 85937 USA

CAGE Code: 138W7
UEID: EAVMXNW7PGY7
Founded: 2013, Arizona
Status: SBA HUBZone Certified

NAICS CODES

- 541715 - R&D in Physical, Engineering, and Life Sciences
- 541511 - Custom Computer Programming Services
- 541512 - Computer Systems Design Services
- 541330 - Engineering Services

PSC CODES

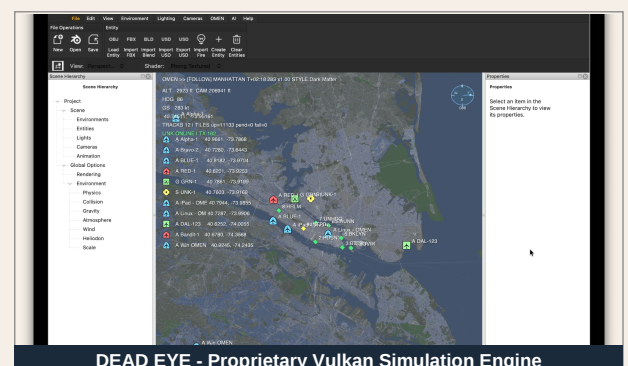
- AC13 - National Defense R&D Services
- D308 - Computer Programming Services
- D306 - Systems Analysis Services
- D302 - Systems Development Services

TECHNOLOGIES

- C / C++ for tactical and simulation software
- Dead Eye - proprietary Vulkan-based 3D engine
- WGS84 geospatial with Cesium 3D Tiles streaming
- GPU compute physics (FEM, constraint solvers)
- Real-time OS (VxWorks, RT Linux)
- Matlab and Python for algorithm development
- Open-weight LLMs with custom LoRA fine-tuning
- Monte Carlo simulation at scale on GPU clusters

ACTIVE MDA PURSUITS

- SHIELD IDIQ (HQ085925RE001)
- AI Fire Control Optimization (HQ0860-25-S-C002)
- Low Cost Interceptor / NOBLE (HQ0860-25-S-C003)



DEAD EYE - Proprietary Vulkan Simulation Engine