



ARGUS DEFENSE SYSTEMS

Capability Statement

COMPANY OVERVIEW

Argus Defense Systems develops advanced artificial intelligence platforms designed to deliver decision advantage across tactical and operational environments.

Our solutions are purpose-built for contested, denied, degraded, and intermittent (DDIL) conditions, enabling warfighters and decision-makers to operate effectively without reliance on cloud infrastructure or persistent connectivity.

Argus focuses on:

- Tactical edge AI decision support
 - Multi-domain wargaming and simulation
 - Doctrine-driven artificial intelligence systems
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CORE CAPABILITIES

Tactical AI Decision Support

- Real-time, doctrine-aligned recommendations
- Operates in air-gapped and DDIL environments
- Validates outputs against terrain, ballistics, and Rules of Engagement (ROE)

Multi-Domain Wargaming & Simulation

- AI-driven adversary modeling
- Course of Action (COA) development and validation
- Real-time operational scenario execution



Doctrine-Driven AI Systems

- Built on authoritative military doctrine
 - Configurable to service-specific TTPs
 - Adaptive logic based on mission context and threat environment
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KEY PROGRAMS

GHOST

Sovereign AI for Decision Superiority at the Tactical Edge

GHOST is a tactical AI decision-support platform designed for operators working in **disconnected, disrupted, intermittent, or limited environments**.

Capabilities:

- **Local AI Processing**
Runs entirely on-device or local infrastructure with no cloud dependency
- **TruthGate Validation Layer**
Ensures all recommendations are validated against:
 - Terrain constraints
 - Ballistics and safety parameters
 - Rules of Engagement
- **Zero RF Requirement**
Core recommendation engine operates with no RF emissions
- **EMCON Compliance**
Fully functional under BLACKOUT conditions
- **Operator-in-the-Loop Design**
Enhances decision-making without replacing human judgment

Operational Value:

- Accelerates decision-making under pressure
- Reduces risk of unsafe or non-compliant actions
- Maintains effectiveness in denied environments



RED WOLF

AI-Driven Multi-Domain Wargaming & Decision Support

Red Wolf is a multi-domain wargaming platform that simulates peer adversary operations using doctrine-driven artificial intelligence.

Capabilities:

- **Doctrine-Driven Adversary AI**
Models real-world adversary tactics including A2/AD strategies, kill chains, and coordinated attacks
- **Multi-Domain Simulation**
Integrates air, maritime, subsurface, cyber, and electronic warfare environments
- **Real-Time Decision Environment**
AI dynamically adapts to user actions and battlefield conditions
- **Zero-Footprint Deployment**
Runs in browser or lightweight desktop environments
- **Secure Architecture**
Designed for deployment in classified environments (SIPR/JWICS capable)

Operational Value:

- Enables realistic training against adaptive adversaries
 - Accelerates COA development and refinement
 - Reduces reliance on large-scale simulation infrastructure
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NAICS CODES

- 541330 – Engineering Services
 - 541511 – Custom Computer Programming Services
 - 541512 – Computer Systems Design Services
 - 541715 – Research and Development in Physical, Engineering, and Life Sciences
 - 611430 – Professional and Management Development Training
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CONTACT INFORMATION

- **Argus Defense Systems**
Email: nhine@argusdefensesystems.com
- For capability briefings, partnership discussions, or integration opportunities, please contact us directly.