

Zoryx Solutions LLC — IV&V Capability Statement



UEI: RQN6SRWX2GD8 *(SAM.gov Pending Final Activation)*

Deterministic Verification for Agentic AI Swarms

CAGE: Pending

Ensuring NDAA §1513 Compliance through Adversarial Logic Auditing.

NAICS: 541611 · 541519 · 541690 · 611430

Zachary Gordon — Principal IV&V Auditor | NIST AI RMF Specialist

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Operating in: Los Angeles, CA

zoryxsolutions.com

CORE COMPETENCIES

- **48-Hour Deterministic IV&V Audit** — Live adversarial attack. Full POA&M. Compliance posture assessment. Delivered in 48 hours. Audit-ready on day one.
- **Adversarial Robustness & Logic Gap Analysis** — Real patch attacks, signal perturbations, and data poisoning run against your deployed model. Before/after metrics. Not a risk score — a documented breach attempt.
- **Agentic AI Swarm Verification** — Decision-chain logic mapping and trust boundary analysis for multi-agent systems. We are the mastering desk: the verification layer between your swarm and the adversary.
- **Signal Optimization & Process Integrity** — Deterministic troubleshooting applied to AI architecture. Find the bad signal. Isolate the failure mode. Prove the fix.
- **Automated Compliance Reporting** — NIST AI RMF-aligned KPIs and audit-ready documentation built for real deadline pressure. Not shelf reports.
- **Systems Integration Advisory** — Architecture review for AI systems in defense, security, and critical infrastructure. From edge deployment to agentic orchestration layers.

THE ZORYX ADVANTAGE

- **Apple Pro Certified Audio Engineer** — Deterministic signal logic and zero-latency fault isolation under extreme real-time conditions. 70% setup time reduction. Zero signal failures in mission-critical deployments. Same methodology applied to AI: find the bad signal, isolate it, verify the fix.
- **Local M4-powered edge processing** — All audits run on-premises. Full encryption. Zero persistent data retention. Your data never leaves your environment.
- **Human-in-the-loop final verification** — Every finding reviewed and signed by the principal engineer. No unsigned automated reports handed off.
- **NDAA FY2026 §1513 + NIST AI 100-1 aligned** — Every POA&M finding maps exactly to what a DoD auditor will reference. Built for the June 16 and November 10 hard deadlines.
- **Firmware & logic-level background** — Embedded systems reverse engineering and hardware-layer analysis. Catches what software-layer testing misses.

WHY THIS MATTERS NOW

June 16, 2026 — DoD status report to Congress. Unresolved reliability failures go on the congressional record. **November 10, 2026** — CMMC Phase 2 hard deadline. Unresolved robustness failures = cert suspension + CUI authority loss = contract ineligibility.

A DoD auditor finds the gap first — you face False Claims Act exposure. Zoryx finds it first — you document it, remediate it, stay in the game.

SCHEDULE YOUR AUDIT

CONTACT

48-Hour Deterministic Verification Audit

Zoryx Solutions LLC

We find the logic gap before the adversary does.

Zachary Gordon

Call or email to book — response within 24 hours.

Principal IV&V Auditor

Available for federal and private sector engagements.

zach@zoryxsolutions.com

No SAM.gov requirement for non-federal clients.

+1 (510) 655-2288

Engagements available immediately.

zoryxsolutions.com

Authorized by:



signature

Zachary Gordon · Principal IV&V Auditor · Zoryx Solutions LLC

Small Business · Wyoming LLC · Operating in Los Angeles, CA *Signal Integrity. Human Verified.*