

Zero-cloud compiled architecture. Memory-safe by default. Veteran-owned.

CORE COMPETENCIES

- ▶ Memory-safe compiled architecture (Rust)
Aligned with CISA Secure-by-Design mandate, EO 14028, NIST SP 800-218
- ▶ On-device AI inference
Local LLM execution via custom Mixture-of-Experts. No API calls, no data exfiltration. Air-gap capable.
- ▶ DevSecOps binary optimization
48 KB to 10 MB release binaries with full SBOM traceability and verifiable provenance
- ▶ Hardware-signed AI model integrity (KNOXAI)
ESP32-eFuse root of trust + 5-gate audit pipeline. Reproducible cryptographic attestation for AI model integrity.
- ▶ Federal-grade automation replacing ansible-tier tooling
Statically-linked Rust binaries deployable on government systems with no runtime dependencies

PAST PERFORMANCE & CREDENTIALS

- ▶ Title 10 Offensive Cyber Operator, ARCYBER 103rd Cyber Mission Team
- ▶ USCYBERCOM J38 JMOC-E co-dev lead, NDAA offensive cyber study
- ▶ US Army veteran, MOS 17C Cyber Operations, JCAC Corry Station
- ▶ 22+ shipped Rust products, 1,598+ tests, 60-day production sprint

Differentiator: Service-disabled veteran with operational ARCYBER background, building the capability he previously deployed on active duty. Capital efficient (\$364 / 60-day sprint). Federal-friendly per-contract Unlicense flip on government systems with retained commercial IP.

REGISTRATIONS

SAM.gov	Active
CAGE Code	1CQ66
UEI	W7X3HAQL9CF9
EIN	41-3835237
MD CSB (Certified Small Business)	Approved
MD eMMA Vendor	SUP1095449
SDVOSB (VetCert / SBA)	Final Review
GSA Schedule	Not Yet Applied

NAICS CODES

541512 Computer Systems Design	541511 Custom Programming
541519 Other Computer Services	518210 Computing Infrastructure
541330 Engineering Services	541690 Technical Consulting

CONTRACT VEHICLES & SET-ASIDES

- ▶ SDVOSB sole-source eligible up to \$4M (FAR 19.1406) once approved
- ▶ Small business sub-contractor under prime FAR 19.702 plans
- ▶ Authorized for State of Maryland procurement
- ▶ SBIR / STTR Phase I, Direct-to-Phase-II eligible
- ▶ OTA / DIU / SOFWERX rapid-prototype vehicles
- ▶ SOCOM scout card portal: AI Edge submission active (TRL 5)

CUSTOMER TARGETS

- ▶ ARCYBER, USCYBERCOM, INSCOM, JFHQ-DODIN cyber programs
- ▶ SOCOM AI Edge / disconnected-environment capability
- ▶ Banking and fintech AI assurance (SR 11-7, OCC 2026-13)
- ▶ Defense prime sub-contractor: GDIT, CACI, Leidos, ManTech, Peraton