

CAPABILITY STATEMENT

Evidence-bound AI and systems engineering

OMEGACORTEX LLC turns complex source material and fragmented operational data into traceable requirements, structured documents, decision-ready workflows and secure software. Engagements are senior-led, evidence-driven and designed for accountable human authority.

CORE CAPABILITIES

- Evidence-bound AI: provenance-preserving retrieval, deterministic checks, explicit exceptions and human release authority.
- Document engineering: bounded prototype evidence for OCR-assisted extraction, canonical transformation, schema validation and change-impact analysis.
- Operational workflows: bounded prototypes for branching, confidence, freshness, traceability and reviewer handoff.
- Secure software: proven Rust engineering, OS-level sandboxing and auditable execution; contract-tailored tests, SAST/SCA, SBOMs and reproducible builds.
- Enterprise integration: contract-tailored SAP PI/PO and CPI, Linux, AWS, Ansible, identity and high-volume compliance-bound interfaces.

EVIDENCE DISCIPLINE

Claims are classified as proven engineering, bounded prototype evidence or contract-tailored delivery approach. Prototype work is not represented as prior agency performance, production authorization or certification.

CONTRACTING DATA

Legal name	OMEGACORTEX LLC
Headquarters	Sammamish, WA
UEI	E822TKBBJGJ5
CAGE	23ST4
SAM.gov	Active registration
UBI	606016348
NAICS	541511 · 541512 · 541513
Status	Washington Self-Certified Micro Business; WEBS registered vendor

U.S. DELIVERY TEAM

Ivan Lozada — Founder & Principal. 25 years in enterprise IT and mission-critical infrastructure; leads engineering and delivery.

Luis Lozada — Director of Software Development & Sales. Leads software delivery, government contracting and enterprise integration engagements.

ADVISORY BOUNDARY

Antonio Lozada serves solely as an external technical adviser. He is not part of the U.S. delivery team, is not proposed as contract personnel and does not perform work on U.S. Government contracts.

CONTACT

Ivan Lozada · ivan@omegacortex.ai
omegacortex.ai/gov/

No CMMC certification, agency authorization, prior-agency performance or production healthcare-system status is claimed. Award-specific controls, staffing, hosting and acceptance criteria are governed by the solicitation and resulting contract.