

CAPABILITY STATEMENT

The next generation of companies will run as a team of AI agents. We build yours, now.

Agents do the work; people set the goals and approve what matters. OMEGACORTEX LLC implements governed AI agent systems for U.S. enterprises and government, together with the integrations, documents and secure software around them, senior-led from the first call to handover.

CORE COMPETENCIES

- **AI agent implementation** [Proven]: agents that act on your tools and data only under explicit permissions, keep source provenance and require human approval before release. Proven in our own production pipeline.
- **Document & requirements engineering** [Prototype]: OCR-assisted extraction, canonical transformation, schema validation, exceptions routed to a reviewer.
- **Operational decision support** [Prototype]: data correlation, confidence and freshness tracking, evidence-linked options.
- **Secure, reproducible software** [Proven]: Rust engineering, OS-level sandboxing and auditable execution; contract-tailored tests, SAST/SCA and SBOMs.
- **Enterprise integration & infrastructure** [Proven]: SAP PI/PO and CPI/BTP, Linux, AWS, Ansible, identity and high-volume interfaces.

WAYS TO START

- **Support agent**: answers from your documentation and systems, drafts replies and hands off to a person when not confident.
- **Document automation**: agents extract, check and transform forms, contracts and technical publications into structured data.
- **30-day pilot**: one process, one agent team, measured against an agreed baseline. Fixed price, quoted to scope.

DIFFERENTIATORS

- **We run on what we sell**: specialized agents (analyst, architect, test writer, developer, QA, security) build our own software, check each other and record every decision.
- **Human authority**: a person approves every release; principals stay accountable for every system delivered.
- **Senior-only**: every engagement is led by a principal, with no hand-off to a junior bench.
- **Traceable output**: every agent output keeps its source; unsupported output is exposed, not hidden.

COMPANY DATA

Legal name	OMEGACORTEX LLC
Location	Sammamish, WA
UEI	E822TKBBJGJ5
CAGE	23ST4
SAM.gov	Active registration
UBI	606016348
NAICS	541511 · 541512 · 541513 · 541519 · 541611 · 518210
Status	Washington Self-Certified Micro Business; WEBS registered vendor; OMWBE (in process)

PAST PERFORMANCE

No prior federal agency performance is claimed. Relevant experience: 25 years of enterprise IT and mission-critical infrastructure (Ivan Lozada); SAP Integration Suite (CPI) and a decade-plus of enterprise B2B engagements (Luis Lozada). Applied research: our agent workflow built and operates a production peer-to-peer network (doli.network).

U.S. DELIVERY TEAM

Ivan Lozada — Founder & Principal. Leads engineering and delivery; architect of the firm's AI reasoning and security systems.

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

ADVISORY BOUNDARY

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

CONTACT

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Labels: **Proven**, in production use in our own systems or delivered work; **Prototype**, demonstrated in bounded prototypes; **Delivery approach**, how we would deliver it. Certifications, authorizations, staffing and acceptance criteria are governed by the solicitation and resulting contract.