εomen

Omen Applied AI Consulting, LLC

DBA εomen Applied AI Consulting, LLC

CAPABILITY STATEMENT

SDVOSB | NAICS 541715 | TS/SCI

SOVEREIGN APPLIED INTELLIGENCE

High-performance systems for environments where nothing comes in from outside.

Your Data, Your Solution, No Cloud.

COMPANY OVERVIEW

We build transfinite intelligence systems—recursive, autonomous, and deeply integrated into the fabrics of your operations. We don't install chatbots or wrappers. We architect the intelligence layer beneath your enterprise.

High-performance computing (HPC) systems architecture, artificial intelligence model building, testing and evaluations, enterprise infrastructure advisory services, and advanced research and development in applied machine intelligence.

CORE COMPETENCIES

Multi-node GPU fabric
RDMA/NCCL collectives, fleet dispatch, custody and provenance—train and serve without a cloud.

Sovereign stack & governance
End-to-end topology, claim-precision discipline, air-gappable deployment—you hold the data, weights, and keys.

Sovereign on-device LLMs
Adapted open-weight models, retrieval-grounded, with deterministic verification before any number reaches a user.

Calibrated forecasting engines
Predictions with intervals and confidence tiers—conformal coverage, ensemble blending, portfolio-centered retransformation.

Evaluation & test harnesses
Adversarial probes, drift and stability monitors, calibration on independent holdouts, no-regression promotion gates.

Interpretability pipelines
Feature attribution and interaction analysis at production scale—decision-grade evidence, not chart theater.

Custom small language models
Compact, task-specific models trained and distilled on your data. Fast and cheap to run, deployable on edge or air-gapped hardware.

On-prem hardware & custom builds
GPU and compute systems designed, built, and commissioned for your workload—racked, networked, and handed over with your keys.

Secure on-prem compute leasing
Reserved time on our sovereign, air-gappable compute to build models and run your analysis and reports. Your data stays isolated and leaves with you.

DIFFERENTIATORS

- 14.9 PFLOPS Air-Gappable Compute
- 880 Sovereign Bare-Metal Cores
- 400GbE Unified Fiber Backbone, On-Prem
- Tempest Shielded R&D Facility
- DARPA Fast-Track Competence
- Deterministic Timing Architecture
- Substrate Telemetry Optimization
- Picosecond Jitter Mitigation

Capability areas—not case studies. Proof is delivered inside the engagement, on your floor, against your data.

COMPANY DATA

LEGAL NAME
Omen Applied AI Consulting, LLC

DBA
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CLASSIFICATION
Service-Disabled Veteran-Owned Small Business (SDVOSB LLC)

CLEARANCE
Principal: active TS/SCI with Full-Scope Poly

UEI
Pending SAM.gov registration

CAGE CODE
Pending SAM.gov registration

NAICS

541715
Research and Development in the Physical, Engineering, and Life Sciences PRIMARY

SERVICES

Advisory architecture, sovereign HPC and ML builds, independent evaluation, and applied R&D in machine intelligence.

CONTACT

POINT OF CONTACT
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