ARTIFICIAL INTELLIGENCE
CAPABILITIES STATEMENT

sphereOI
studios

ABOUT

SphereOI exists to bring the promise of artificial intelligence and machine learning to missions large and small.

We are experts at AI Engineering, AI Testing, and AI Strategy. Our job is to develop and field innovation using the latest technologies that best serve the mission.

Speed is integral to everything at SphereOI. By connecting vision, priority, and tempo, our SpeedShift™ Lean Production Workflow brings functional capabilities to life within 90 days.

AI isn't the future
It's NOW!
And it has been for a while

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Computer Vision

Mission-specific systems for object detection, discrimination, and tracking. Outdoor environments or supply-chain.

Semantics

Advanced language and world models that can understand and engage people, machines, and environments.

Multi-Modal Sensor Inference

Ambient scene recognition from sensor telemetry. Multi-sensor situation awareness. Operation-state and maintenance-need inference. Anomaly detection.

Multi-Pass Geospatial

High-fidelity modeling and environmental reconstruction from multi-pass low-fidelity sensors. Imputing terrain, weather, cultural artifacts, etc.

Behavior Modeling

From advanced anomaly engines to human behavior modeling with affinity prediction in high-dimensional environments.

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For over 20 years, SphereOI has bridged the gap between commercial innovation and mission systems. We bring the best of both worlds together.

AI
MISSION DOMINANCE
TECHNOLOGICAL SUPERIORITY

Cyber
Sensors
Decision Support
Autonomous Systems
C5ISR

Create AI/ML prototypes in 90 days

Field state-of-the-art intelligent systems

AI/ML verification and validation

Align vision, strategy, and execution

SITE III – AI, S/W Dev. & Sustainment, Data Science

JAIC T&E – AI Test and Evaluation

JAIC DRAID – Data Readiness for AI Development

DORE2 – Data Science, Software Development

COCOA-T – Software and Systems Engineering

EITO – Software and Systems Engineering

EXECUTION
IS EVERYTHING

5X FASTER DEVELOPMENT TIMES
HIGHER QUALITY
RELIABLE AT EVERY LEVEL

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