

CUSTOMERS & PARTNERS

U.S. Army · Dept. of State · DEA · Boeing · DoD Prime Integrators · Fortune 500 Enterprise

ACTIVE CONTRACT

U.S. Army - EBS-C

Palantir AIP/Foundry agentic systems & ontology engineering

ACTIVE CONTRACT

Dept. of State

BudgetChat RAG document intelligence system

CURRENT ENGAGEMENT

Boeing

Laser-based fluid measurement AI & sensor analytics pipeline

ABOUT US

OptiSyn Solutions is a Marine-founded SDVOSB with 10+ years delivering secure, production-ready AI systems for defense and enterprise. We hold active TS/SCI clearance and carry documented past performance across DoD, the Department of State, DEA, Boeing, and Fortune 500 clients. We ship working systems — not slide decks — cutting costs up to 40% and accelerating operations by 50% through agentic AI, RAG document intelligence, and predictive analytics embedded directly into operational workflows.

CORE CAPABILITIES

Agentic AI & Multi-Agent Systems

Autonomous agent orchestration with governed decision loops, tool-calling pipelines, and prompt registry management. Production-deployed on Palantir AIP/Foundry for DoD.

Secure RAG & Document Intelligence

Hybrid search (keyword + semantic), SBU/PII-aware retrieval, full source traceability, and audit logging. Active deployment at the Department of State.

Sensor & Signal Data Analysis

AI-driven analysis of sensor telemetry, laser measurement systems, and physical instrumentation — translating raw signals into actionable engineering intelligence.

Data Science & Predictive Analytics

Forecasting, anomaly detection, risk modeling, and ensemble ML (Prophet, LightGBM, ARIMA) embedded into operational decision workflows.

Enterprise BI & Executive Dashboards

Power BI, DAX, Deneb/Vega-Lite, and complex hierarchical models — including 3,100+ line Vega specs for DoD program management.

AI Governance, Security & Compliance

FedRAMP-aligned architectures, RBAC/ABAC, audit trails, NIST 800-53/CMMC documentation, and human-in-the-loop guardrails.

TECHNICAL EXPERTISE

AI/ML: LLMs, RAG, multi-agent orchestration, prompt governance

Palantir: AIP agents, Foundry ontologies, OSDK, AIP Logic

Data Platforms: Databricks, Snowflake, SQL Server, Oracle, Postgres

BI & Viz: Power BI, DAX, Deneb, Vega-Lite, Tableau

Dev: Python, React, FastAPI, Power Apps, Power Fx

Cloud: Azure, Azure OpenAI, AWS GovCloud, GCP

Sensor/Signal: Laser measurement systems, telemetry pipelines

Security: RBAC/ABAC, FedRAMP, NIST 800-53, CMMC

NAICS CODES

541511

Custom Computer Programming Services

541512

Computer Systems Design Services

541519

Other Computer Related Services

518210

Data Processing, Hosting & Related

541611

Admin & General Mgmt Consulting

611430

Professional Development Training

PAST PERFORMANCE

U.S. Army EBS-C – Palantir AIP/Foundry

Built AIP agents with prompt registry systems, SCFF ontology ETL pipelines, and Power BI Deneb Gantt charts for DoD program management.

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Dept. of State – BudgetChat RAG System

SharePoint-native agentic RAG cutting budget Q&A drafting time by 50%. Hybrid retrieval, full audit trail, and PII-aware access controls.

ACTIVE

Boeing – Laser Fluid Measurement AI System

Engineering AI pipeline for laser-based fluid measurement instrumentation — sensor telemetry analysis and decision-support tooling.

IN SCOPE

Enterprise RAG – Fortune 500 (2,500+ Users)

SSO-integrated RAG (Okta/Azure AD) with sub-30s SLAs, RBAC, and full source traceability across a multi-department rollout.

Federal Auditing Platform – \$350M Portfolio

AI-driven risk identification reduced exposure 18% — delivering \$35M in documented annual savings across a federal agency portfolio.

DEA IT Modernization

Automated operational dashboards using Power Apps, REST APIs, and Linux-based integration bridges across mission-critical workflows.

Medical Demand Forecasting – Healthcare Distributor

Ensemble model (Prophet + LightGBM + ARIMA) outperforming benchmarks by 20% across 12-week demand cycles at a major healthcare enterprise.

WHY OPTISYN



TS/SCI Cleared

Active clearance, mission-ready from day one



Ships Production AI

Real deployments — not POCs or slide decks



FedRAMP-Aligned

ATO-ready architecture from the start



Sovereign AI

On-prem or GovCloud, zero data egress



Rapid Delivery

Working prototypes in weeks, not months



Prime-Ready Partner

Proven SDVOSB subcontractor

COMPANY INFORMATION

Legal Name: OptiSyn Solutions LLC

Type: SDVOSB | Marine-Founded

Location: McLean, VA

Clearance: TS/SCI (Active)

REGISTRATION

UEI (SAM): DOV6LH2XHDM4

CAGE Code: 908U6

Primary NAICS: 541511

Business Size: Small Business

CONTACT

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