

§ 01 — COMPANY

StrataMentis is an independent AI research & development firm building AI/ML security technology and agentic AI systems for defense and enterprise. Developer of **Glacier**, a patent-pending binary analysis platform that detects hidden AI/ML models in compiled software — USAF-funded, deemed awardable by the DoD CDAO.

§ 02 — CORE COMPETENCIES

- **AI/ML binary analysis** — static detection and analysis of embedded AI/ML models in compiled executables (ELF, PE, Mach-O) and firmware, without execution.
- **Dual-channel AI detection** — combined signature-based and heuristic detection with explainable, auditable results suited to defense review requirements.
- **Agentic AI engineering** — multi-agent orchestration, RAG pipelines, and LLM system architecture (LangGraph, LangChain, LiveKit, Python).
- **DoD-funded R&D** — prototype-to-delivery execution under federal R&D contracts; SBIR-track emerging-technology development.
- **AI automation & enterprise transformation** — rapid prototyping, validation, and production handoff of applied AI systems.
- **Software supply chain assurance** — AI provenance verification for binaries in air-gapped and classified-adjacent environments.

§ 03 — DIFFERENTIATORS

- **USAF-funded MVP** — Glacier developed under a DoD contract funded by the U.S. Air Force through Riverside Research; positive technical review with recommendation for renewal.
- **CDAO-awardable** — deemed awardable by the DoD Chief Digital and Artificial Intelligence Office.
- **Patent-pending core technology** — provisional filed September 2025; expanding patent family.
- **First-of-its-kind capability** — detection layer for embedded AI in binaries where no commercial equivalent exists.
- **Built for classified environments** — fully offline, air-gapped operation, minimal resource footprint.

§ 04 — PAST PERFORMANCE

U.S. Air Force — Glacier MVP Development (subcontract via Riverside Research, 2025)

Architected and delivered the Glacier MVP — an AI/ML binary-analysis system — under a USAF-funded DoD contract based on real-world operational needs. Delivered with positive technical review; recommended for renewal (not continued due to agency funding constraints). Post-delivery interest and active evaluations with major defense primes and commercial software vendors.

Key personnel: Founder previously served as CTO of a defense R&D firm delivering AI solutions for defense and private-sector clients, including leading procurement and development of the USAF-funded Glacier MVP and architecture of a venture-backed agentic-AI platform.

COMPANY DATA

Legal name: STRATAMENTIS LLC

Founded: 2026

HQ: McLean, VA

UEI: NPZ5WK7LUCY8

CAGE: 1ZZX4

SAM.gov: Active (May 2026)

NAICS CODES

541715 (primary) — R&D in Physical, Engineering & Life Sciences (*size std: 1,000 emp.*)

541511 — Custom Computer Programming Services (*\$34M*)

541512 — Computer Systems Design Services (*\$34M*)

541519 — Other Computer Related Services (*\$34M*)

BUSINESS TYPE / SET-ASIDES

Small Business (self-certified)

SBIR/STTR-eligible

POINT OF CONTACT

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