SENTINEL DAY TECH

SBA — 8(a) CERTIFIED
SBA — SERVICE-DISABLED VETERAN-OWNED CERTIFIED
SBA — HUBZONE CERTIFIED

8(a)   **SDVOSB**   **HUBZone**

UEI: XXNVEBTAWXN9
CAGE: 15AB3

NAICS Codes
541715 541511
541512

AI | Clinical Trials | Voice Agents | Systems Integration

What we offer: AI enabled CTMS for clinical trials, 24/7 AI front desk voice agents, and HL7/FHIR driven integration to bridge legacy systems into an AI ready future.

Sentinel Day Tech (SDT) is a U.S.-based software and AI company delivering secure technology solutions for government, defense, and commercial clients. Formed as a joint venture between K A Day LLC (federally certified 8(a), SDVOSB & HUBZone) and Sentinel Tech LLC, SDT combines federal business experience with deep engineering capability to support complex, high impact missions. Our focus areas include AI enabled clinical trial management, 24/7 AI voice agents for government operations, and standards based data integration (HL7, FHIR, APIs) that helps agencies bridge from legacy systems to modern, interoperable platforms.

PAST PERFORMANCE

- **Nova Clinical Research:** Patient recruitment via targeted advertising
- **Theia Clinical Research:** Patient recruitment via targeted advertising
- **Lakeview Clinical Research:** Patient recruitment via targeted advertising

CORE COMPENTENCIES

- **AI Enabled Clinical Trial Management (CTMS)**
  AI driven clinical trial management platform that ingests long protocols, automates recruitment and pre-screening workflows, and provides HIPAA compliant eDocs, econsent, and real-time operational dashboards for sponsors and sites.
- **Front Desk AI – 24/7 Voice Agents for Government**
  Natural sounding AI voice agents that answer calls, pre-screen applicants or patients, schedule and reschedule appointments, and route complex cases to human staff, with direct integration into CRMs, scheduling tools, and line of business systems.
- **Data Integration & Legacy Modernization (HL7/FHIR & APIs)**
  Design and implementation of interfaces that translate between legacy systems and modern standards (HL7, FHIR, REST APIs), normalizing clinical and operational data so agencies can view and act on it in a single operational layer and safely layer in AI with system issues.

CONTACT

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RELEVANT EXPERIENCE

AI Enabled Clinical Trial Management
- Transforms 100+ page study protocols into structured inclusion/exclusion criteria, visit schedules, and automated pre screening questions.
- Integrates recruitment ads, SMS/web pre-screening, scheduling, and e-consent into a single, cloud-native platform.
- Supports multi-site trials with real-time enrollment and performance dashboards for sponsors and regulators.

AI Voice Agent for Real-Time Conversations
- Low-latency AI voice agents that answer calls 24/7, handle natural conversation, and follow protocol specific scripts for government programs.
- Supports autonomous phone based engagement, pre-screening, and scheduling, with automatic handoff and summarized context for human staff with seamless CRM updates.

Data Integration and Legacy Modernization
- Builds interfaces that connect legacy EMR/EHR and mission systems to HL7, FHIR, and modern APIs, creating a unified data layer across programs.
- Enables consolidated reporting and AI-driven insights without requiring a full rip-and-replace of existing systems.

Clinical Trial Management Platform
- Cloud-native, multi-tenant SaaS platform enabling seamless, end-to-end trial management.
- Features include enrollment management, scheduling, e-consent, document workflows, and real-time monitoring dashboards.

HIPAA-Compliant Data Security
- AES-256 at rest, TLS 1.3 in transit, strict RBAC, and audit-ready controls aligned with HIPAA and 21 CFR Part 11.