



UNPLUGGED AI

Offline-First Tactical AI for Contested Environments

CAPABILITY STATEMENT

TRADEWINDS

AWARDABLE

CDAO

VALIDATED

8 PACKS

DEPLOYED

DOD

ACTIVE ENGAGEMENT

COMPANY SNAPSHOT

Unplugged AI forward-deploys intelligence for field operators. We work with clients whose SOPs are static and/or sensitive to improve the way their operators perform their jobs. We provide meticulous tracking of protocol adherence and guarantee the security of our fully air-gapped small language models. Our system integrates seamlessly with any hardware stack to improve field operator efficiency, time-to-proficiency, and skill retention.

CORE CAPABILITIES

- Offline RAG + knowledge graph reasoning, fully on-device
- Edge inference on constrained hardware (CPU + 1GB RAM)
- Sub-3-second time-to-first-token in disconnected environments
- Sovereign data handling (zero telemetry, zero cloud calls)
- Air-gapped and tactical edge deployment
- Source-linked citations and grounded reasoning
- Protocol-adherence tracking and after-action review

DIFFERENTIATORS

- **Smaller, more accurate models.** Matches the accuracy of EdgeRunner AI's 20B-parameter model at <3s TTFT on an iPhone 13 versus ~12s on iPhone 17 for comparable systems. Performance holds down to CPU + 1GB RAM.
- **Architectural, not retrofit.** Built offline-first from day one, not a cloud product adapted for the edge.
- **Hardware-agnostic.** Runs on existing devices with no proprietary hardware lock-in.
- **Operationally validated.** 8 packs deployed; active DoD engagement.

ACQUISITION PATHWAY

TradeWinds Solutions Marketplace Awardable Chief Digital and Artificial Intelligence Office (CDAO)

Competitive evaluation complete. DoD components can issue OTA awards directly through the marketplace with significantly reduced procurement timelines and no further competition required.

Status: Actively engaging DoD representatives for OTA awards and pilot opportunities.



MISSION APPLICATIONS

- CQB protocol-aware execution aid
- After-action review with local data storage
- Forward operating positions / denied environments
- ISR analysis without exfiltration risk
- EMS and disaster response in network-degraded conditions
- IC applications requiring air-gapped reasoning

INDEPENDENT VALIDATION

"A meaningful new application of offline small language models at the tactical edge. It is not simply a chatbot concept. It is framed as a protocol-aware execution aid for CQB, with structured interaction, state tracking, local storage for after-action review, and measurable SOP adherence."

— DoD Evaluator, Independent Technical Assessment

LEADERSHIP & TEAM

- **Alex Dalton | Co-Founder & CEO.** Multi-time technology founder. Leads strategy, operations, partnerships, and go-to-market.
- **Chase Baker | Co-Founder & CTO.** Multi-time technology founder. Builds fully offline, air-gapped AI systems for real-world field deployment on constrained devices.
- **Prem Viswanathan | Technical Advisor.** Carnegie Mellon University Faculty. AI/ML expert; advisor to multi-billion-dollar AI companies. Provides guidance on system architecture and applied deep learning.

COMPLIANCE & SECURITY POSTURE

- Architecturally aligned with sovereign-data, air-gapped deployment patterns
- Zero telemetry; zero external dependencies; all inference and retrieval within client perimeter
- Offline architecture eliminates many cloud-resident attack surfaces
- Aligned with NIST AI Risk Management Framework principles for transparency and grounded reasoning

COMPANY DATA

FIELD	VALUE
Company	Unplugged AI
UEI	QFE1Q51NWAB1
SAM.gov	Registered Active
Business Size	Small Business
Primary NAICS	541511 Custom Computer Programming Services
Secondary NAICS	541512, 541519
CDAO Status	TradeWinds Solutions Marketplace Awardable

POINT OF CONTACT

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