COREVECTOR SYSTEMS

A KENNEDY CAPITAL LLC ENTERPRISE • RTP, NORTH CAROLINA

DEFENSE CAPABILITIES STATEMENT

FAR 19.7 Small Business Subcontracting Teaming

Legal Entity: Kennedy Capital LLC	**Socioeconomic:** Self-Certified SDB / SBE	**Primary NAICS:** 541512, 541715
DBA: CoreVector Systems	**Location:** Research Triangle Park (RTP), NC	**Secondary NAICS:** 541690, 541611, 541614
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EXECUTIVE SUMMARY & CORE VALUE PROPOSITION

CoreVector Systems provides turn-key **Sovereign AI Infrastructure, EAR §734.13 Deemed-Export Isolation, and Foreign Software Provenance Auditing** for federal defense prime contractors. Under **FAR 19.7**, defense primes must allocate 30%–36%+ of subcontracted dollars to small businesses. While commodity staffing subcontracts dilute technical margins, CoreVector enables primes to meet statutory small-business quotas with an advanced, defensible technical architecture that insulates classified, CUI, and sensitive machine learning weights against foreign adversary exposure.

CORE TECHNICAL COMPETENCIES

1. EAR §734.13 Deemed-Export AI Containment	Cryptographic boundary enforcement preventing unauthorized foreign-person access to controlled model weights, fine-tuning checkpoints, and dual-use algorithms. Compliant with Bureau of Industry and Security (BIS) export regulations.
2. Air-Gapped Sovereign AI Enclaves (DISA IL5/IL6 & CMMC)	Deployment of zero-telemetry, on-premises LLM runtimes insulated from public SaaS telemetry leakage. Guarantees complete data sovereignty for CUI, ITAR, and synthetic biology data boundaries (EO 14081).
3. Foreign Code Provenance & Dependency De-Risking	Automated illumination of adversary-linked libraries, offshore contributions, and supply-chain vulnerabilities within dual-use defense codebases to guarantee DFARS 252.204-7012 and CMMC Level 2 adherence.
4. Dual-Use Industrial & Hardware Supply Verification	20+ years of on-the-ground operational intelligence in Asian and African manufacturing corridors, providing deep-tier supplier vetting, counterfeit avoidance, and provenance auditing for critical components.

KEY DIFFERENTIATORS FOR PRIME TEAMS

• **High-Margin Technical Layer, Not Commodity Labor:** Plugs a specialized dual-use AI compliance moat into prime proposals (ITES-4H, SEWP V, DARPA BAAs, DIU CSOs), eliminating race-to-the-bottom rate card pressure.

• **RTP / Defense Corridor Co-Location:** Headquartered in Research Triangle Park, NC, directly supporting the Fort Liberty (USASOC/JSOC), Camp Lejeune, and regional prime research corridor.

• **Architecture Over Paperwork:** We deploy hardened software architectures and cryptographic enclave logging that withstand direct Defense Contract Management Agency (DCMA) and DIBCAC audits.

TARGET AGENCIES & VEHICLE ALIGNMENT

Target Agencies: Department of Defense (DoD CDAO, DARPA, DIU, AFWERX), Department of Health & Human Services (NIH, CDC, ARPA-H), Department of Commerce (BIS), Department of Veterans Affairs (VA).
Teaming Vehicles: FAR 19.7 Small Business Subcontracting Plans • SBA Mentor-Protégé Joint Ventures • Commercial Solutions Openings (CSO) • Broad Agency Announcements (BAA).