NC SMART EDGE AI

CAPABILITY STATEMENT

Architecting Management and Scalable Operations for Enterprise & Public Sectors

NC Smart Edge AI is a specialized management and technical consulting firm delivering mission-critical operational architecture, industrial hardware prototyping, and executive advisory for defense, municipal, and mid-market enterprise clients.

FOUNDED	EMPLOYEES	REVENUE RANGE	SERVICE AREA
2025	3	<$1M (SBE)	North Carolina / Federal

CORE COMPETENCIES

Industrial & Operational Excellence

- **Large-Scale Manufacturing:** Facility automation architecture, Digital Transformation, Automation audits, and process engineering based on Tier-1 pharmaceutical and industrial standards.
- **New Product R&D:** Rapid hardware prototyping, minimum viable product (MVP) builds, modeling, and API integration for complex systems.
- **Business Operational Optimization:** Supply chain bottleneck analysis and shop-floor workflow modernization.

Public Sector Advisory

- **Operational Readiness Assessments:** Micro-purchase compliant audits analyzing municipal and agency process infrastructure.
- **Direct B2G Fulfillment:** Project management and strategic planning directly delivered to local, state, and federal agencies.
- **Prime Contractor Support:** Specialized sub-tier execution for Research, Development, Test, and Evaluation (RDT&E) and infrastructure modernization.

Executive Strategy & Growth

- **Leadership Coaching:** Fractional executive leadership and change management for corporate directors, regional managers and agencies.
- **Revenue Scaling:** Advanced MRR growth strategies, multi-location franchise optimization, and B2B market expansion.

DIFFERENTIATORS

- **Tier-1 Corporate Engineering Heritage:** Executing automated systems and process engineering utilizing frameworks developed at DuPont, Eli Lilly and Rockwell Automation.
- **Hybrid Execution Capability:** Bridging the gap between high-level management strategy and shop-floor engineering without the inflated overhead of mass-scale global consultancies.
- **Instructional Design & Course Development:** We leverage over 20 years of specialized curriculum expertise to translate rigid organizational standards into scalable training architectures with KPIs.

PAST PERFORMANCE

Industrial Systems Integration & Process Engineering (2021-2026)

Scope: Facility automation strategy, Digital Transformation audits, and supply chain optimization leveraging Tier-1 pharmaceutical and industrial manufacturing standards.

Impact: Creating clear strategy helped planning and hiring contractors and skilled team for 24/7 manufacturing.

(Reference available upon request)

Installation & Commissioning of New Production Facility (2015-2018)

Scope: Rapid design, hardware procurement, functional build, and custom Automation integration for the deployment of a new production facility for Polymer products.

Impact: Scale production capacity to meet growing product demand.

(Reference available upon request)

Multi-Location Franchise Operations Scale (2024-2026)

Scope: Fractional COO engagement driving direct MRR growth, management restructuring, standard operating procedure (SOP) deployment, and digital ecosystem optimization.

Impact: Defined organization structure, process flowchart, SOP, job descriptions and KPIs.

(Reference available upon request)

VENDOR DATA & CERTIFICATIONS

SAM UEI:	M2YYDE2PBX17
CAGE CODE:	24N04
NCSBE:	4058915
STATE REG:	NC eVP Vendor

NAICS CODES

Primary: 541611Administrative Management and General Management Consulting Services

Secondary Codes:

334513 Instruments & Products Mfg.
541330 Engineering Services
541511 Custom Computer Programming
541512 Computer Systems Design
541519 Other Computer Related Services
541612 Human Resources Consulting
541613 Marketing Consulting Services
541614 Process & Logistics Consulting
541618 Other Management Consulting
541690 Other Scientific and Tech Consulting
541715 R&D in Physical/Eng. Sciences
541890 Other Advertising Services
541990 All other Professional/Tech
611710 Educational Support Services
811210 Precision Equipment Repair

PRODUCT SERVICE CODES (PSC)

R405 Support- Professional: Operations Research/Quantitative Analysis
R406 Support- Professional: Policy Review/Development
R408 Support- Professional: Program Management/Support
R410 Support- Professional: Program Evaluation/Review/Development
R425 Support- Professional: Engineering/Technical
R499 Support- Professional: Other
R701 Support- Management: Advertising
R704 Support- Management: Auditing
R706 Support- Management: Logistics Support
R799 Support- Management: Other
U008 Education/Training- Training/Curriculum Development

CONTACT INFORMATION

Aubrie Azhar
NCSmart Edge AI
Elon, NC - 27244
P: 336.380.5529
E: Aubrie@ncsmartedgeai.com
W: www.ncsmartedgeai.com

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