

S&B Incorporated

Capabilities Statement

Company Overview

S&B Incorporated delivers mission-ready software and AI-enabled solutions for U.S. Government agencies and prime contractors. The company focuses on deployable systems, measurable performance, and responsible delivery in safety-critical and operational environments.

Core Capabilities

- Edge AI & Sensor Fusion: Real-time perception systems operating on constrained hardware, integrating camera-based vision with LiDAR for actionable 2D/3D outputs
- Safety & Edge-Case Validation: Structured testing, robustness evaluation, and documentation supporting program oversight and acceptance decisions
- Optimization & Trade Studies: Performance, scalability, cost, and sustainment optimization for operational deployment

Representative Experience

- **Department of Homeland Security (DHS):** Supported development and evaluation of machine learning algorithms for mission-relevant use cases, emphasizing performance validation and robustness testing
- **Department of Defense (DoD):** Applied predictive maintenance analytics to identify failure patterns, improve maintenance planning, and support operational readiness
- **Autonomous Land Systems R&D:** Designed and evaluated edge-deployed perception pipelines combining camera detection with LiDAR-derived geometry for real-time obstacle awareness

Differentiators

- Focus on field-ready deployment rather than lab-only demonstrations
- Emphasis on measurable performance and documented limitations
- Experience operating in regulated, mission-critical environments

Company Data

Business Name: S&B Incorporated

Website: www.sandbincorp.com

Email: admin@sandbincorp.com

Business Type: Small Business

Primary NAICS: 541511 – Custom Computer Programming Services