



TSG NextGen Solutions

AI-Driven Systems Engineering | Cybersecurity | SBIR/STTR | Sports AI
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Capability Statement

TSG NextGen Solutions is a founder-led technology firm delivering AI-enabled systems engineering, cyber-secure architecture, SBIR/STTR support, and sports performance technology. We help clients move from concept to credible architecture, reviewable evidence, and deployable solutions.

<p>Core Capabilities</p> <ul style="list-style-type: none"> - AI/ML integration and governed workflow design - Systems engineering, requirements, traceability - Cybersecurity and information assurance framing - Enterprise architecture and cloud modernization - SBIR/STTR Phase I-III technical support - Sports AI, AR Coach, sensors, and performance intelligence 	<p>Business Lines</p> <p>Commercial: AI adoption, automation, cybersecurity, roadmaps.</p> <p>SBIR/STTR: Feasibility, architecture, figures, transition support.</p> <p>Sports AI: AR Coach, golf systems, wearables, training analytics.</p>
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SBIR/STTR Support

We support proposal and transition teams with operational concepts, system architecture, AI decision logic, cybersecurity posture, risk framing, test strategy, and commercialization narratives. Materials are structured for reviewers, contracting officers, technical evaluators, and teaming partners.

Commercial	SBIR/STTR	Sports AI
Fractional AI strategy, workflow automation, vendor assessment, technology roadmaps, secure modernization.	Phase I feasibility, Phase II prototype planning, Phase III transition and dual-use commercialization support.	AR Coach platform direction, golf course products, wearables, digital twin concepts, and performance analytics.

Founder Differentiators

- 18+ years leading complex technology, systems engineering, and integration initiatives
- Experience leading 100+ engineering and integration personnel
- \$16M+ program portfolio leadership experience
- CISSP, PMP, Six Sigma Green Belt, and DAWIA Level III Program Management
- Defense, intelligence, enterprise, and emerging AI/ML integration background

Contact

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