

CAPABILITY STATEMENT

Company Description

System & Software Designers Inc (SSD) is a Howard County based company providing software systems engineering services to customers in the Greater Baltimore – Washington D.C. area. Corporate Headquarters and software systems development facilities are located at 9250 Bendix Road North, Columbia, Maryland.

SSD supports our nation in its national security and scientific endeavors with innovative and advanced solutions for a wide range of state of art customer technology challenges.

For over eighteen years SSD has provided prototyping, software development and system design for space, airborne, and ground mission critical operational and support systems.

Core Competencies

- Software Systems Requirements (Definition, Analysis, and Management)
- Software Designs (Preliminary/Detailed)
- Implementation and Testing
- Acceptance and Formal Qualification Testing
- Integration and Test
- Verification and Validation
- Software Simulation Systems
- Real-Time Operating Systems
- Reverse Engineering (Device Exploitation)
- Device Drivers
- Algorithms Development
- Sustaining Engineering
- Script Development
- Software Systems
- Payload Software Systems
- Aerospace Engineering Systems
- Engineering Technical and Managerial Support
- Process Engineering
- Systems Engineering
- Hardware/Software System Partitioning
- Interface Definitions and Management
- Training
- Process Engineering

Differentiators

SSD is set apart in its expertise and time proven software system methodologies to exceed our customer's expectation and as a small agile software company, we are poised to rapidly create, adjust, and optimize our business processes to the customer's unique requirements.

- Expertise in software systems. We know the right questions to ask “*we get it right the first time*”.
 - Value added end to end software system support
 - Ability to anticipate, identify and resolve troubles
 - An in depth understanding of how systems works
- Expertise in hard real-time software systems.
- State of the Art Solution Providers
- We have the capability to not only get the software work done, but manage the work being performed.
- We are team players. We work well with our customer and other contractors.
- We have a solid work ethic, with emphasis on getting the work done.

Company History

Founded in 1994, SSD has carved out a niche in the aerospace industry by providing software system development, engineering services, training and maintenance to offer its customers a complete solution using state of the art technologies.

DUNs Number: 931472575

8(a), SDB Certified

NAICS: 541330, 541511, 541512, 541513, 541519, 54171

Cage Code: OZYL3

POC:

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