Corporate Capabilities

Our Core Disciplines

"Your Success is Our Honor"

This corporate banner hangs in the lobby of our office headquarters in Fredericksburg, Virginia as a constant reminder that the success of our business is based totally on our staff and how well we support our customers. SimVentions' core disciplines (Systems, Software, Cyber Engineering, Modeling and Simulation, and Program Management) are integrated together to produce innovative and relevant technical solutions for our customers. Our technical competence in these disciplines enable us to perform conceptual engineering studies that lead to prototype solutions, and ultimately innovative products and solutions for our customers.



Our Capabilities

Engineering:

- Turn needs into system requirements
- Turn requirements and architecture into system design
- Develop system architecture
- Develop models for future tactical capability
- Develop and test software to meet system design and ensure cyber security

Program Management:

- Manage program cost, schedule, and risk
- Roadmap/Plan for technology and capability insertion
- Establish and maintain Integrated Master Schedules (IMS)

SimVentions Discriminator

SimVentions is a small business that understands the various disciplines involved in Department of Defense (DoD) problems and requirements. The company is adept at problem-solving, beginning at the highest level of concept of operations, derivation of requirements, and establishment of program architecture to system development. We apply cyber assurance standards to all developed capabilities, install systems into the fleet, and train in system operation. The company develops tools through internal research & development and SBIRs that support the government program manager in portfolio tracking. These tools allow SimVentions to provide a better overall system engineering solution for our customers.

COMMERCIAL & EDUCATIONAL PARTNERS:

- Systems Planning and Analysis
- ManTech
- Sonalysts, Inc.
- Booz Allen Hamilton (BAH)
- Science Application Inc. Corp (SAIC)
- Engility
- Northrop Grumman
- Raytheon
- University of Notre Dame
- George Mason University
- Old Dominion University (ODU) (VMASC)

REPRESENTATIVE CUSTOMERS:









