

Founded in 1998, AVT Simulation is an Orlando-based, end-to-end systems integration and full-service modeling & simulation small business. AVT provides professional engineering services and sophisticated training solutions to the simulation and training markets. Since its inception, AVT has been fortunate to provide our highly specialized staff of engineers to some of the top leaders in the simulation industry.

Led by Mr. Robert Abascal, AVT is located in Central Florida's Research Park, an area deemed one of the nation's leading technology and simulation centers. AVT Simulation encompasses many different facets in the industry with products and services including engineering consulting, simulation and training solutions, re-host and upgrades, software engineering and visual system integration database development, and serious gaming technology and content.

The military utilizes AVT's simulation and training solutions for both new training systems design and legacy training systems technology refresh. These products and services are developed to enhance and improve the integration of simulator subsystems and include complete training solutions for air, ground and sea platforms.

Other key components of the value-added services provided by AVT include software development and database development. AVT's database development services include design, development, and maintenance of visual databases, as well as engineering, configuration, data, and program management for both military and civilian applications. In addition, the cost-effective software products developed by AVT enhance and improve the integration of simulator subsystems into existing hardware and programs, in many cases, allowing for reduced risk and down time for retrofits. Having both an ISO 9001:2008 certification and CMMI Level III processes ensure quality programs for AVT's customers.

AVT is a recognized leader in the simulation industry through contract awards and industry achievements. Over the past 7 consecutive years, Military Training Technology Magazine has ranked AVT as one of the Top 100 Military Training Companies and most recently AVT was acknowledged as one of the Top 50 Small Businesses in Florida by the 2013 Grow Florida "Florida Companies to Watch" award program.

Contract Vehicles

U.S. Navy Seaport-e
U.S. Navy TSC III (as Triton Joint Venture)
U.S. Army R2-3G

Partial Client List

Carley Corporation
Cubic
Fidelity Technologies
Intelligent Decisions
Kratos
L-3 Communications
Leidos
Lockheed Martin GTL
Northrop Grumman
QuantaDyn Corporation
RealTime Immersive
Rockwell Collins
SAIC
Thales USA
United Airlines
United Arab Emirates Land Forces
United Kingdom MOD
U.S. Air Force
U.S. Air National Guard
U.S. Army PEO STRI
U.S. Marine Corps PMTRASYS
U.S. Navy NAWC TSD
Wegmann USA

Quality Policy

AVT Simulation will consistently provide products and services that meet or exceed the requirements and expectations of our customers. We will actively pursue ever-improving quality through programs that enable each employee to do their job right the first time and every time.

AVT Simulation is an ISO 9001:2008 certified company.

Mission Statement

AVT Simulation will provide expert, cost-effective, engineering services and product solutions to our customers. We will target gaps not well supported by traditional suppliers. We will do so in a manner commensurate with our heritage and values, keeping "first things first" to provide for our customers, our employees, and our families.

Point of Contact

Sales Department
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AVT Simulation is a Small Disadvantaged Business.

DATABASE DEVELOPMENT

AVT designs and develops visual databases to meet demanding requirements for legacy and newer PC-IG systems at a reasonable cost.

TRAINER MAINTENANCE

AVT provides training system maintenance to include CLS trainer support, software upgrades, and legacy database modifications.

MEDICAL SIMULATION

AVT is expanding into the medical simulation market to provide 3D content to this rapidly growing industry.

TRAINER MODS & UPGRADES

Built upon years of experience in design, development and integration, AVT is able to offer cost-effective, highly competent engineering for the most complex trainer re-hosts or upgrades.

VISUAL SYSTEM ENGINEERING

With an average of over 20 years direct experience in the field of visual simulation and training, each staff member provides specialized visual system engineering capabilities and knowledge.

TRAINER SYSTEMS DEVELOPMENT

AVT leverages extensive training system design, development, manufacturing, and integration experience to provide a robust system development capability.

SERIOUS GAMING TECHNOLOGY

AVT is at the forefront of the effort to capitalize and integrate game engine technology into the military simulation and training environment.

ENGINEERING SUPPORT SERVICES

Engineering advisory, courseware, software development, fielding/installations, subject matter experts and systems engineering support.

DISPLAY & IG SERVICES

The capability to analyze complex requirements, design and develop compliant solutions, and then implement the latest display and image generation technology is what makes AVT an industry leader in display and IG services.

