



December 22, 2008 NEWS - SOLUTE designated as a Corporate Navy Certification Agent and granted expanded SeaPort-e Zone Status

As of December 9th, SOLUTE was officially added to the U.S. Navy Corporate Certification Agent list. This list, maintained by the Space and Naval Warfare Systems Command (SPAWAR) PMW-160 Certification Authority, designates SOLUTE as a qualified provider of Certification and Accreditation (C&A) for systems to be used throughout the Navy. SOLUTE is an expert in the DoD Information Assurance Certification and Accreditation Process (DIACAP) as well as all Navy-wide networks, including ONE-Net, Navy Marine Corp Intranet (NMCI), and IT-21. This designation allows SOLUTE to perform C&A services either as a trusted agent on contract, or as an independent third party, assuring information and security of Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR) systems. SOLUTE is one of only 30 companies worldwide that is designated as a Corporate Navy Certification Agent.

On December 22nd, SOLUTE was granted a modification to the company's existing SeaPort-e contract, allowing the company to perform services for Navy customers in the Northeastern states comprising Zone 1 of the vehicle. With this contract expansion, SOLUTE is now able to provide comprehensive program management, systems engineering, software engineering, and business process engineering throughout all 50 states and certain Naval facilities overseas. For more information about SOLUTE's services, teammates, and capabilities under the SeaPort-e contract vehicle, please visit the [SOLUTE SeaPort-e Vehicle page](#) of this website.

December 5, 2008 NEWS - SOLUTE awarded SeaPort-e Task Order with SPAWAR Systems Center (SSC)-Atlantic for Executive / Leadership Support

On December 5th, SOLUTE was awarded a \$3.2 million, five year contract to provide Executive/Leadership Support Services to SSC-Atlantic, formerly the Space and Naval Warfare Systems Center, Charleston, within Code 09.

Under this tasking, SOLUTE will work closely with the SSC-Atlantic Chief Systems Engineer, providing support services to facilitate execution of high level processes that are designed to transition the Center into a Competency Aligned Organization (CAO). SOLUTE conducts and coordinates relevant surveys and studies, writes position papers and briefing materials, creates viewgraphs, designs and executes technical studies, and provides interim executive administrative support in conjunction with this work. The company is also responsible for coordinating the high level End-to-End Command, Control, Communications, Computers, Intelligence Integrated Product Team (E2E C4I IPT) as part of this tasking. SOLUTE will help establish and implement engineering best practices and common processes across all the SSC locations, in numerous Program Management Warfare (PMW) offices, and across departments with this work. This tasking encompasses a range of services that include strategic planning, business planning, governance, performance measurement, organizational modeling, change management, strategic communications, and the establishment of collaborative work environments across the country. SOLUTE has provided Business Process Engineering services to the Navy since the company's inception. The lessons learned and expertise from this prior work will be leveraged on this contract to bring time, manpower, and cost saving technologies and processes to the entire Space and Naval Warfare Systems Command (SPAWAR).

August 2008 NEWS - SOLUTE awarded three tasks at Space and Naval Warfare Systems Center, San Diego (SSC-SD) supporting Airborne Networking and the Persistent Littoral Undersea Surveillance (PLUS) Program

On August 1st, working with prime contractor Science Applications International Corporation (SAIC), SOLUTE Consulting was awarded three separate tasks at SSC-SD supporting aircraft networking, airborne variants of the Automated Digital Networking System (ADNS), and the PLUS program for undersea warfare applications.

SOLUTE Consulting has extensive experience in airborne networking and undersea warfare applications. Company personnel include numerous former Naval aviators with comprehensive Anti-Submarine Warfare (ASW) and airborne communications subject matter expertise. Under a portion of this tasking, SOLUTE is performing engineering evaluations to determine connectivity requirements between the new Navy EPX aircraft, aircraft carriers, and shore-based facilities. This work encompasses research into new communications technologies, application bandwidth determinations, and documentation of the aircraft architecture itself. Supporting airborne ADNS, SOLUTE is participating in testing, integration, and documentation of new High Frequency Internet Protocol (HFIP) technology for high speed airborne networking. On the PLUS program, company engineers are conducting architecture compatibility studies to ensure this new system will be interoperable with existing undersea decision support and Command and Control platforms throughout the Navy enterprise. SOLUTE is also providing feasibility studies of proposed PLUS sensors, vehicle platforms, and studying information exchange requirements to ensure the system will meet future operational Navy needs. The company is additionally part of the architecture team, creating DoD Architecture Framework (DODAF) views and defining use cases for the PLUS program.

May 21, 2008 NEWS - SOLUTE awarded TacMobile contract with Space and Naval Warfare Systems Command (SPAWAR), PMW-750

On May 21st, SOLUTE Consulting was awarded an \$11 million, five year contract to provide Programmatic, Acquisition, Systems Engineering, and Production Support services to the PMW-750 Tactical/Mobile (TacMobile) Program.

SOLUTE provides the Carrier and Air Integration Program Office, SPAWAR PMW-750, with a broad array of services supporting Navy customers with capabilities to plan, direct and control the tactical operations of Joint and Naval Expeditionary Forces and other assigned units within their respective area of responsibility (AOR). Each TacMobile platform consists of a command and control (C2) component, a mobile communications facility and warfighter interface. TacMobile systems include the Tactical Support Center (TSC), Mobile Operations Control Center (MOCC), and Joint Mobile Ashore Support Terminal (JMAST), which collectively comprise an Acquisition Category (ACAT) III weapons system program. SOLUTE engineers are helping to develop all necessary program documentation and are defining an acquisition strategy for future incremental upgrades within the program. The TacMobile program plays a significant role in the effective use of air resources, particularly in Maritime Patrol and Reconnaissance Force integration with both manned and unmanned air vehicles. The SOLUTE personnel working on this task have extensive experience in Anti Submarine Warfare (ASW), Anti Surface Warfare (ASUW), Intelligence, Surveillance, and Reconnaissance, (ISR) and other Maritime Patrol and Reconnaissance (MPR) mission areas. The company has received exceptional ratings in all areas of their Contractor Performance Assessment Reports (CPARS) and will continue to provide PMW-750 with outstanding, high quality services under this new vehicle.

May 19-21 2008 NEWS - SOLUTE management participate in the NDIA 5th Annual Small Business Conference

From May 19-21st, the National Defense Industrial Association (NDIA) held their annual National Small Business Conference in San Diego, CA, titled "Success: Survival and Beyond." Two members of SOLUTE Consulting management were invited to participate on panels for the conference.

SOLUTE Vice President George Arthur participated in a session titled "Turning Initial Teaming into a Long-Term Relationship." The panel also featured senior leadership from local small businesses, including IntegrITS, Epsilon System Solutions, INDUS Technology, and large primes SRA International and General Dynamics. The panel focused on teaming techniques for building long term value with large prime contractors for joint pursuit of future business opportunities. SOLUTE Controller Arlene Waldron also participated in the conference as a panelist for "Ask the Experts." Ms. Waldron provided valuable information to the contracting community on selection of a proper Government Job Cost Accounting software system, best practices in defense industry cost accounting, and the audit process conducted by the Defense Contract Audit Agency (DCAA). She previously worked as a DCAA auditor and has close to twenty years experience in corporate finance across a wide range of industries, providing unique insight for the conference attendees.

April 2008 NEWS – SOLUTE awarded SeaPort-e Task Order for the Commander, Naval Air Forces (CNAF) Aviation Safety Awareness Program (ASAP)

On April 30th, SOLUTE Consulting was awarded SeaPort-e Task Order N00178-05-D-4565-NW02 for Software Engineering and Support Services to the CNAF N45 ASAP. The potential value of this tasking is \$3.2 million over five years.

CNAF has worked for several years with the Naval Surface Warfare Center (NSWC), Carderock to develop a Military Flight Operations Quality Assurance (MFOQA) Demonstration for the Naval Aviation Enterprise. This prototype system, deployed with MH-60 and F/A-18 squadrons, has been used to capture and analyze a wide range of operational data, identifying several key safety issues and additional training requirements. Leveraging the successes of this program, SOLUTE, Inc. is working with a team of subcontractors to provide a mature and open source software package to an expanded user base for the ASAP. The new system is based on commercial best practices from the airline industry and will allow analysis of safety data at the squadron, Type Wing, and Type Command (TYCOM) levels. This system will be deployed on both the Navy Marine Corp Intranet (NMCI) and the IT-21 afloat network after going through the DoD Information Technology Security Certification and Accreditation Process (DITSCAP). The CNAF ASAP represents a pro-active and multi-dimensional approach to capturing human factor errors and Crew Resource Management (CRM) contributing factors that lead to 80% of all Naval aviation mishaps. The SOLUTE Team software has already been used to track over 1,000 safety events per month within the commercial airline industry that led to a 30% reduction in mishaps. The flexibility of this software allows for greatly expanded data capture relative to the earlier MFOQA Demonstration system, permitting its use with larger numbers and types of aircraft throughout the Fleet. The system also features custom reporting and analysis tools capable of identifying safety trends even beyond human factors causes.

February 2008 NEWS – SOLUTE wins software development and integration contract with State of the USA (SUSA)

On February 1st, SOLUTE Consulting was awarded a contract with the non-profit organization State of the USA to design and develop a Service Oriented Architecture (SOA) for use as a national indicator system for the country.

Several government and commercial outlets currently exist that provide statistical and qualitative information on the state of various economic, social, environmental, health, business, and energy sectors within the United States. To date, however, few provide common approaches to data measurements, and depending on the source of the data, many suffer from political bias. The goal of SUSA is to create a non-partisan key indicator system for the country that will assemble and display data, but allow users to interpret the results. Using indicators reviewed by the National Academy of Sciences, SUSA will focus on quantitative information with qualitative explanations and context, allowing users to understand the data. All data sources, collection methods, definitions, and known limitations as well as recommended uses will be provided to prevent bias as much as possible. SOLUTE software engineers and architects are defining the use cases, and designing the underlying SOA infrastructure that will make this system possible, allowing integration of disparate data sources from a variety of resources and industries. SOLUTE is creating this system for the high level policy shaper, business analyst, educator, and general public with forums and blogs that promote discussion of where the country is, and where it is going. SOLUTE's software developers will create rapid aggregation and separation tools for data from local, state, and federal government agencies, businesses, and non-profits, which will also reveal key knowledge gaps where more study is needed. SUSA will be built to include independent and mutually reinforcing checks and balances for an optimal combination of scientific credibility, audience value, and public legitimacy. The SUSA website will be completely free to the public and an initial version will be available in 2009. More information on this program can be found at <http://www.stateoftheusa.org>.

January 2008 NEWS – SOLUTE gains prime contract position at Naval Air Systems Command (NAVAIR), Patuxent (Pax) River, MD PMA-209

On January 11th, SOLUTE Consulting was awarded an additional option year on the company's Production Management, Engineering, and Technical Support Services contract (N00178-05-D-4565-NS0109), previously performed for Space and Naval Warfare Systems Command (SPAWAR), PMW-170. With this extended funding, the contract is being transferred to NAVAIR PMA-209 for expansion of SOLUTE's services in a wide range of Navigation Systems Programs. This represents the company's first prime contract work within the NAVAIR community.

Under this tasking, SOLUTE Consulting assists NAVAIR, the Joint Program Office (JPO), and the Naval Sea Systems Command (NAVSEA) with an array of Global Positioning System (GPS)-based navigation solutions. In particular, the company is providing expertise to the Communication, Navigation, and Surveillance/Air Traffic Management (CNS/ATM), Joint Precision Approach and Landing System (JPALS), GPS Modernization, and Air Integration programs. SOLUTE is performing both production quality assurance and engineering technical support to identify jam resistant GPS designs for the C-130, P-3C, H-60, AV-8B, and F/A-18 aircraft platforms under this tasking. This work involves extensive technical analysis, verification, validation, and guidance with respect to GPS integrity and security in modern warfare applications. SOLUTE Consulting has received the highest possible ratings for all aspects of this work performed to date in the Contractor Performance Assessment Reporting System (CPARS). The success of this program will help expand the company's growing presence in the Pax River area supporting the Naval Air Enterprise.

