

Professional Services

S4 Inc. provides DoD, DHS and US Government Customers with Program Management, Engineering & Logistics

PROGRAM MANAGEMENT

S4 Inc. provides Program Management Services related to leading, facilitating and supporting strategic planning and the implementation, coordination, integration and evaluation of programmatic activities.

Strategic Planning. S4 supported NORAD and USNORTHCOM (N&NC) by developing all levels of plans and associated supporting documents and briefings within the Homeland Defense Policy Branch for N&NC/J5. We provided critical review and analysis of capability's documents and support the Joint Capabilities Integration and Development System (JCIDS) process.

S4 conducts research and analysis that develops awareness of partner nation social, economic, military and Governmental situations and provides Theater Security Cooperation Governmental decision makers with baseline information. This information is needed to develop course of action options to make decisions that increase U.S. influence and enable the success of partner nation current and future operations against transnational criminal organizations.

Project Management. S4 Inc. provides Project Management Services by applying industry best business practices in project management in conjunction with the ITLCM process methodology. S4 provides project planning activities, such as: Project Scheduling, Work Breakdown Structure, Task Break Down, and Project Maintenance/Sustainment; Project Cost Estimating; Cost and Resource Management; Change and/or Version Control; Project Change Control; Project Issue Tracking; Problem Tracking; and Risk/Issue Assessment, Risk Management and Risk Tracking. S4 uses indepth analysis to determine the impact of various schedule/resource changes on the ability to successfully deliver each project. We also analyze critical path and constraints to determine impact of changes and recommend work-arounds to ensure the project remains on schedule and on budget. S4 ensures the credibility of the information contained in the schedule and verifies schedule integrity.

S4 provides assistance, analysis and technical expertise on strategic and tactical missile warning and space issues to the ITW/AA Functional Manager (Commander NORAD). Our personnel furnish continuity of effort to sustain, update and advance ongoing ITW/AA studies, analysis, architecture, documentation and informational systems support to ensure strategic systems meet requirements of both the National Command Authority (NCA) and NORAD. S4 personnel draft recommendations and updates to current and long-range conformity of architecture, operation, modifications, user training and user requirements incorporation for the Strategic Missile Warning (SMW), Theater Event System (TES), and TMW Systems.

Knowledge Management. For the AFLCMC Fighter/Bomber Directorate, S4 Inc. performs website administration, web page/site development, content management and maintenance for the organizational web pages and updates to organizational AF Portal sites and organizational Acquisition ToolKit (ATK) sites. S4 SMEs provide support in the development, operation and maintenance of the Knowledge Management initiatives including Knowledge Management within Air Force Knowledge Now (AFKN) and the AFMC Enterprise Information Management (EIM) initiatives including SharePoint. S4 personnel assist in the migration of existing website content to a portal environment by conducting requirements gathering, analysis of migration activities, development of content migration strategy, and content migration. S4 assists in the deployment of web-based technologies and collaboration tools for access via the portal environment. S4 SMEs assist in development of application program interfaces (APIs) between the portal environment and existing applications, commercial-off-the-shelf (COTS) applications and newly developed knowledge-based applications. S4 designs, documents and implements intra/inter/extranet capabilities that require knowledge of information systems, web applications development, website construction, website administration, information security, and related systems concepts for effective deployment of the intra/inter/extranet. S4 personnel administer and support the Intranet Web Servers, including site administration for restricted areas.

Infrastructure Planning Support. S4 Inc. provided infrastructure planning support for facility furnishing efforts, space management, Building Information Modeling (BIM), and other facility projects for the fit out and transition to the new USSTRATCOM Command and Control Facility (C2F). S4 used AutoCAD to prepare graphics and reports representing space management and furnishings to communicate transition execution status with STRATCOM leaders, facility managers, and occupants. S4 utilized Revit software to support construction of a BIM to reflect a change in facility data or construction efforts caused by a Military Construction (MILCON) change-order. S4 helped with the collection of organizational requirements, recommended information items to collect, and met with occupants to collect and examine data. S4 established the impact (cost, time, second-order effects, etc.) of the desired change; assembled findings; and provided support with presenting requested changes and each respective solution to the Floor Space Management Board (FSMB). S4 helped configure the type, layout, and quantity of furnishings to meet occupant requirements and provided support in the analysis and development and execution of an asset transition plan from existing facilities to the C2F.

ENGINEERING SERVICES

S4 Inc. provides engineering services by the application of special knowledge and engineering principles for consulting, investigating, evaluating, planning and designing hardware, software and services.

Systems Engineering. S4 provides systems engineering, requirements analysis, technical solution development and testing, and integration services to the US Strategic Command (USSTRATCOM) IT infrastructure. S4 engineers develop technical solutions, and test and integrate solutions for projects approved by the government engineering oversight organization and IT governing organizations. S4 is responsible for managing, engineering and implementing life-cycle replacement projects, including technical refresh, IAW the IT Roadmap, IMS, and IMP. S4 performs requirements analysis, functional analysis, and integration of hardware/software and network requirements. S4 transforms outputs from requirements analysis, functional analysis, and synthesis into technical solutions consistent and interoperable with current and future system baselines and architectures. For all applicable technical solutions, S4 personnel develop drawings and documentation for new systems and update existing drawings (network, cable, etc.) and documentation for existing systems.

Requirements Analysis/Development. S4 Inc. conducted gap analysis of three individual maritime projects consisting of Arctic Maritime-Focus, Maritime Domain Awareness (MDA), and Mine Countermeasures (MCM). S4 defined key analytical questions and data sources, conducted analytical design, execution, and reported in support of complex requirements determination, product development, refinement and/or maturation of existing MDA, MCM, and North America Undersea Surveillance (NAUS) analytical documents, and product development for Arctic maritime-focused analytical documents. The deliverable products for our work included analytical reports in compliance with the Joint Capabilities Integration and Development System (JCIDS) process and outlined in JCCSI 3170.01 and JCIDS Manual that capture the entirety of the analytical effort.



LOGISTICS SERVICES

S4 Inc. provides logistics services in the integration of information, transportation, inventory, warehousing, material handling, packaging and security of customer resources.

Life Cycle Management. At the US Army Logistics Data Analysis Center (LDAC), S4 Inc. analysts conduct thorough research to analyze, validate, and process all Army Non-Standard Equipment (NSE) NSLIN Requests within the Army Enterprise Systems Integrated Program (AESIP) System. Each NSLIN Request is evaluated in order to determine the appropriate NSLIN assignment. Government and commercial databases are utilized to verify accuracy of part numbers and model numbers to ensure duplicate records do not exist in the NSLIN Master Catalog or a standard National Stock Number (NSN) in Federal Logistics (FEDLOG) data. S4 conducts a comprehensive examination of each catalog data element for all NSLIN Requests. We assess DA PAM 708-2 (Cataloging and Supply Management Data Procedures for the Army Central Logistics Data Bank), Army Unit Property Book Officers (PBOs), Manufacturer and Program Managers of all services, to name a few, to ensure accuracy. S4 maintains HQDA's goal of processing each NSLIN requests within 7 working days. We also exceed the standard to communicate with the customer within 24 hours to resolve any data discrepancies with a customer's NSLIN Request.

Warehouse Management. S4 Inc. managed a 6760 SF climate-controlled warehouse in accordance with industry best standards for IT inventory management for N&NC. We performed warehouse, storage, and service asset shipping/receiving functions; and stored inventoried, packaged, shipped, received and delivered classified and unclassified Automated Data Processing Equipment (ADPE) service assets using a "just-in-time" methodology. S4 tracked all assets to include software licenses using IT Asset Management software. S4 met required availability levels defined by N&NC and provided remote support at multiple locations such as Mexico and Canada. We provided recapitalization and had asset management policies and procedures in place. We used the Standard Base Supply System (SBSS) and the Assets Information Management System (AIMS) for accountability of all Government property within SBSS. This provided an automated process that the Government could review via a web site. S4 ensured hardware that was not operating correctly was fixed or replaced within specified service level agreements. S4 supported 6,800 users in multiple locations, processed and decommissioned 155 accountable systems per month and performed hardware replacement for up to 1500 workstations/laptops per year.

ADVISORY & ASSISTANCE SERVICES

S4 Inc. provides a range of advisory and assistance services to include analyses of technical, cost, and programmatic issues; support to improve policy development, management, and administration; and the application of various forms of technical expertise during all phases of planning, programming, acquisition, and implementation cycles of government systems and programs.

Technical Advisory Services. S4 provided technical assistance, analysis and expertise on strategic and tactical missile warning and space issues to the Integrated Tactical Warning Attack Assessment (ITW/AA) Functional Manager (Commander NORAD). Our personnel furnished continuity of effort to sustain, update and advance ongoing ITW/AA studies, analysis, architecture, documentation and informational systems support to ensure strategic systems met requirements of both the National Command Authority (NCA) and NORAD. S4 conducted analysis of system shortfalls and operational impacts to the ITW/AA mission. We provided recommendations on operational integration, configuration documentations and updates to support the configuration change control process of all existing and emerging ITW/AA and Ballistic Missile (BM) systems to missile and space mission requirements.

S4 analysts provided analytical expertise and support as an operations advisor to the Analysis of Alternatives (AoA) and Effectiveness of Analysis Working Groups (EAWG) and N&NC Study Lead on all radar/surveillance matters. We recommended changes to the EAWG for both processes and documents during the ongoing development and planning of the AoA. S4 recommended an analytically sound strategy to the AoA membership for all phases

of the analysis as well as development, execution, and documentation of all plans and reports. S4 reviewed all Employment Concept documents and provided an analysis to determine whether the information was analytically sound and captured realistic operations of radar sites, including EADS and/or WADS, mission operations, data messages, ground-based and space-based sensor issues, message communication between sensors and warning centers, and operator interfaces.

Policy Analysis/Assistance. S4 Inc. provides insightful analysis, and critical thinking, of higher level policy initiatives to prepare USCYBERCOM position and response actions to existing and future policy. S4 analyzes current DoD cybersecurity policies, processes, capabilities, authorities, architectures for applicability to USCYBERCOM C4/IT systems, cybersecurity processes, and CIO responsibilities. S4 provides recommendations or generating original, or improving on current, policies, implementation plans, and strategies. S4 participates on enterprise-level and inter-agency boards, panels and working groups which serve as the forums in which DoD C4/IT program policy directives are negotiated and defined. S4 bears continuing responsibility for facilitating in-house SME assessment of proposed policy directives and other agreements. S4 conducts research of the complex issues planned for discussion, and defines proposed Command positions. S4 analyzes and provides expert assessments to leadership of the likely effects of approved policy directives, including possible need for further lobbying and action by the Command and its constituencies, and prepares working papers. We apply expert knowledge of the program and policy landscape to make substantive contributions to the development of executive-level briefings, congressional responses, and other highly-sensitive communications of enterprise-level program intent. S4 provides assistance to USCYBERCOM CIO policy developers through analysis of higher level policy, strategy, and similar policies of other DoD fcomponents.

Exercise/Training Support. S4 Inc. provides a broad range of exercise and training programs including exercise planning, development, and execution; support for post-exercise assessment of joint, national, multinational and special operations exercises; use and management of the Joint Training Information Management System (JTIMS) and the Joint Master Scenario Events List (JMSEL) databases; and support for inputs into the development of the Joint Training Plan (JTP). S4 personnel draft scenarios, propose planning schedules, coordinate exercise control functions for planning support and recommend Courses of Action (COAs) and arrange In-Progress Reviews (IPRs) for issue resolution of exercise related issues. This involves collecting, analyzing and providing recommendations for identification of training objectives for exercise execution. Our personnel input results of current and future training objectives for each exercise into the Joint Lessons Learned Information System (JLLIS) and Joint Training Information Management System (JTIMS) database.

Intelligence Planning Support. S4 Inc. provided Intelligence Planning Support (IPS) to the USSTRATCOM's contingency and campaign planning efforts, the intelligence planning process, and related planning support efforts. S4 facilitates Intelligence Planning for (1) Deterrence, Assurance, and Strategic Operations against regional actors, (2) Functional Space Planning, (3) Functional Cyber Planning, and (4) Strategic Intelligence Campaign Planning. S4 performs detailed research, studies, analyses, and review of operational concepts, assists with development of measures of effectiveness and measures of performance for intelligence tasks and functions; alignment of tasks and functions to campaign and Operations Plan (OPLAN) objectives and effects; and the crafting of priority intelligence requirements capturing the information necessary to evaluate effectiveness.