



Supply Chain Management

ICF International specializes in inventory and supply chain management, providing essential logistics visibility for agencies throughout the Department of Defense (DoD). Our analysts and tools enhance inventory, location, status, and planning for both conventional and nuclear weapons. ICF analyzes the worldwide supply, demand, distribution, storage, and consumption of aircraft and ground fuels for DoD. Our developers created and maintained the Ammunitions Requirements Management System (ARMS), a Web-based system for monitoring the annual air munitions requirements, allocations, asset positioning, and budget processes.

ARMS provides many tools for efficient munitions stockpile management. The system includes multiple reports for tracking and analyzing assets and supports the entire requirements gathering and allocation cycle. Users forecast their need for munitions and various levels of users verify the requirements. Based on current and incoming assets, allocations are created and ARMS facilitates movement planning to correspond to the allocations. The requirements process also offers input to the budget planning process. Recommended budget amounts are based on projected requirements, available assets, anticipated expenditures, and deliveries.

Our Approach

ICF has a long and significant history of providing weapons system support to numerous System Program Offices (SPOs) at the three Air Force Air Logistic Centers. Our team of experienced logistics analysts and information system technicians works with the SPO staffs installing and maintaining logistics analysis and assessment tools, gathering Air Force legacy system data, and applying these tools with relevant data feeds to produce analyses, reports, and actionable recommendations to system managers.

Our professionals place a priority on sustainment and supportability issues, balanced with cost, reliability, and maintainability analyses and analysis of new supply and maintenance concepts. We provide balanced, full-service analysis of all aspects of supply chain management related to the warfighter, including programmed depot maintenance work flow and production support. Additionally, we deliver full-spectrum program support for a number of mission critical weapon systems such as the F-15, B-1, E-3, and C-130.

ICF is active in logistics transformation, assisting with the transformation of the Air Force's largest depot, Oklahoma City Air Logistics Center, using lean, cellular practices for maintenance, repair, and overhaul of aircraft engines, airframes, subsystems, and components. ICF also helps the Air Force project future logistics capabilities using the latest in digital visualization tools.



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Featured Solutions

ICF responds to a broad range of DoD logistics needs—from high-level analysis to the creation and implementation of mission-critical decision tools.

Weapons Systems Analysis

ICF has been the B-1 System Sustainment Manager full-service analysis provider of choice since July 1999. ICF contributes to developing metrics, mining data, maintaining and integrating models, and devising management information tools. ICF integrates several legacy data systems to access weapon system readiness while facilitating reporting and corrective action development. These efforts help SPOs predict supply shortage lead time, manage weapon system reparable components, and evaluate alternative maintenance and supply concepts, such as the Depot Repair and Contract Repair Enhancement Programs. Additionally, ICF identifies reliability and maintainability trends and major drivers and is instrumental in collecting and analyzing data used in preparing for Headquarters Air Force System Sustainment Reviews.

ICF has provided a synergistic analysis approach for the B-1, B-2, C-130, E-3, F-15, and KC-135. The integrated approach includes interface between Defense Logistics Agency and Air Force offices. ICF has archived historical data that allow trend analysis and forecasting covering peace time and contingency operations.

Process Facilitation Lean Six Sigma

ICF possesses unparalleled credentials for providing Lean and Six Sigma support in both the private and public sectors. Today, most organizations are faced with developing and delivering a myriad of services, programs, or products that require complex enterprise-wide activities or process changes designed to increase quality, reduce production time, manage risk, and minimize cost of delivery. ICF's team of seasoned Lean Six Sigma Black Belt facilitators and implementers assists clients in achieving significant, tangible top- and

bottom-line results. Applying value-added Lean and Six Sigma methodologies promotes a continuous process improvement environment aligned with customer expectations, increasing efficiency, productivity, and profitability.

Aerospace Planning and Execution Network (ASPEN)

ASPEN is an ICF initiative, sponsored by Headquarters U.S. Air Force, to integrate and automate all facets of the Air Force planning and execution enterprise using commercial information technologies. The scope of this initiative includes the entire spectrum of operations and all echelons of Air Force command. The Air Force is migrating to the Expeditionary Aerospace Force (EAF) to apply the inherent range, speed, flexibility, and precision of aerospace power to meet the national security challenges of the 21st century. The EAF concept, coupled with the vast number of legacy information systems, dictates the need for a new enterprise-wide planning and execution information network. ICF designed and developed ASPEN, a customizable Web portal that displays content according to the roles and preferences of each user. ASPEN employs data warehouse, Message-Oriented Middleware, and Enterprise Java Beans technologies. The Web portal insulates the user from the underlying design and allows consistent access to all content from any location. ASPEN currently provides technical and analytical support to Air Force Directorate of Warfighting Concepts Development, Civil Air Terminal, Air Force Operations Group, Intelligence Cell, Computer Sciences Corporation personnel, and other U.S. Air Force planning and execution organizations and personnel.

About ICF International

ICF International (NASDAQ: ICFI) partners with government and commercial clients to deliver consulting services and technology solutions in the energy, climate change, environment, transportation, social programs, health, defense, and emergency management markets. The firm combines passion for its work with industry expertise and innovative analytics to produce compelling results throughout the entire program life cycle, from analysis and design through implementation and improvement. Since 1969, ICF has been serving government at all levels, major corporations, and multilateral institutions. More than 3,000 employees serve these clients worldwide. ICF's Web site is www.icfi.com.

For more information, contact:

Ulrik Petersen
405.473.7951
upetersen@icfi.com

ICF International
9300 Lee Highway
Fairfax, VA 22031