

QUICK FACTS

- The U.S. Government operates the world's largest supply chain with overall spending in the billions of dollars, stretching to every corner of the globe.
- The Department of Defense (DoD) spent \$178 billion in FY07 on its supply chain, an area identified by General Accounting Office (GAO) since the early 1990's as one of the Federal Government's high risk programs.



EFFECTIVE SERIALIZED SUPPLY CHAINS

- Increase readiness and operational availability.
- Enable enhanced asset visibility and logistics optimization.
- Reduce Total Cost of Ownership (TCO) by eliminating excess inventory.
- Improve Perfect Order Fulfillment (POF) metrics and increase end-user confidence in the supply chain.

Client Solution Architects

Serialization Services For the Federal Government Supply Chains

INTRODUCTION

Various Federal Government agencies are responsible for addressing the ever-changing and escalating demand of operations across the nation and around the globe. The ability of the U.S. Government's multiple supply chains to proactively respond with essential supply items and critical spare parts can be the difference in determining the desired outcome. Whether in a U.S. city or a battlefield in Afghanistan, Government supply chains are more complex and vulnerable to risks from increasing and varying customer requirements. Rising costs, transparency reporting, inter-agency processes, security, regulations and flexibility for emergency situations are driving supply chain complexity.

Serialization solutions track items through the supply chain and provide risk mitigation, capability and savings to proactively respond to the ever-changing environment, both here at home and around the world. Serialization allows for increased readiness, improved order accuracy and the accurate real-time flow of information to all levels of an organization. This can be a significant force multiplier or capability in situations and environments that are often demanding and high visibility.

CASE STUDY

The Challenge

A top global pharmaceutical manufacturer requested support in implementing a Radio-Frequency Identification (RFID)-enabled packaging and distribution solution to improve operational efficiencies and meet legal mandates.

The Approach

CSA resources worked side by side with the client documenting the manufacturing, packaging and distribution processes areas. We then built, tested and implemented a production-ready solution along with a comprehensive serialization roll-out strategy.

The Results

For the first time ever, the client was able to ship and track serialized product to a trading partner. In addition, the flexible solution provided a platform to address other supply chain issues that were initially out of scope, resulting in improved operational efficiencies.

High Performance Supply Chains For Results

CSA SERIALIZATION IMPLEMENTATION SERVICES

CSA provides comprehensive serialization solutions to support supply chain goals and Government mission objectives. Our solutions and services expertise allows companies to get exactly the right strategic and tactical professional assistance needed for successful implementations.

Our services include:

- Program and project management
- Business Case Analysis (BCA) and investment profiles
- Functional and technical requirements gathering
- Business process analysis, improvement and documentation
- Conceptual solution design
- Detailed Information Technology (IT) design and architecture
- Technical integration and configuration
- RFID and two dimensional (2D) bar-coding enablement
- Proof-of-Concepts (POC), pilots and production-ready solutions
- Development and implementation of integrated serialization solutions
- Multi-generation plan & strategic roadmap
- Testing and training

THE CSA DIFFERENCE

- Government and military logistics expertise and knowledge
- Commercial and government supply chain IT expertise and skills
- Partnerships with leading IT integrators
- Track record of delivering on-time, on-budget and above expectations
- Operations Research (OR) modeling and simulations skills

BENEFITS

- Improved asset visibility tracing and related savings
- Compliance with Federal Government policy for safety and accountability
- Enhanced supply chain visibility and optimization capability
- Reduced inventory costs due over stockage or distrust of the supply system
- Increased supply chain metrics performance including order accuracy
- Improved configuration control and life cycle management

To learn more about CSA Serialization Services

E-mail: clientresults@csaassociates.com

Or visit us at www.csaassociates.com