Optimize Defense Logistics

To ensure operational effectiveness, a defense logistic network must operate in near real time, and support rapidly changing operational situations. Oracle’s integration capabilities enable mission-driven logistics, giving the user a comprehensive view of all physical logistic and information flows whether in the land, air or maritime environments.

Logistics units and agencies in modern armed forces face complex requirements of sourcing materiel, and sustaining equipment for deployment as quickly and as accurately as possible. Defense logistics are no longer reliant on entirely government-owned linear supply chains, but joint industry and defense ‘support networks’. These networks are often large, complex and intricate; ensuring visibility across the network is difficult, but critical for driving business efficiency and operational effectiveness. In addition to the supply and distribution of logistics, there is the need to track and manage increasingly complex and costly platforms throughout their lifecycle to ensure for optimal utilization. Oracle provides support for the automation of key logistic processes by providing a consolidated view of all assets. It allows defense decision makers to accurately plan and execute logistic operations; ensuring materiel and equipment are available to support operations.

Enable Mission-Driven Logistics and Combat Support Situational Awareness

Effectiveness in logistics is key to the success of operations. Mission driven logistics for deployed, highly mobile forces is reliant on the integration of autonomous logistics platform functionality, asset tracking, spatial, and sense and respond capabilities. Overall supply chain situational awareness and real time response capabilities are essential IT elements on the modern battlefield. Transportation and deployment planning, simulation and execution are also key enabling elements - whether by road, rail, sea or air, as the real time or near real time asset visibility and priority management in-transit makes or breaks a deployed force operation. With in-transit visibility a major internal issue for service organizations, the situation is exacerbated when using industry logistics service providers and extended expeditionary force supply lines. Logistics personnel have to access complex data, assimilate logistics information from fragmented, often stove-piped IT systems to provide the sustainability required at the right place and right time.

Oracle leverages its expertise in Supply Chain Management, Complex Maintenance, Transportation Management and Network Optimization across a diverse infrastructure array of hardware, database and middleware where security and data integrity are essential for generation of the required information and knowledge management dominance. Oracle solutions play a key Preparedness and Readiness role from simulation and contingency planning, to execution, sustainment and recovery from operations. Oracle delivers the only complete Commercial-off-the-shelf (COTS) logistics, transportation and infrastructure solutions for defense industry and armed forces alike. The solution enables autonomous generation of logistics processes with continuous analytical and situational awareness capabilities driving real time logistics decision support. For many defense and commercial logistics organizations, it has become the solution of choice: quicker to implement, less costly to extend and maintain, and easier to integrate across the support network. Oracle Transportation Management provides the necessary visibility to enable you to plan, execute and manage multi-modal distribution of military assets in the most efficient and effective manner. With Oracle, you are empowered to not only effectively plan, but also efficiently implement it.

“Oracle Fusion Middleware and Oracle E-Business Suite provide a scalable and highly reliable foundation for the new mission-essential Marine Corps Global Combat Support System.”

Dan Corbin,
Program Manager, GCSS-MC

Oracle
PUBLIC SECTOR

With Oracle, you can:

• Enable mission-driven logistics and combat support situational awareness
• Reduce the costs and materiel cycle time
• Optimize asset and platform life cycles with reduced lifecycle cost

Hardware and Software
Engineered to Work Together

Oracle

"Oracle Fusion Middleware and Oracle E-Business Suite provide a scalable and highly reliable foundation for the new mission-essential Marine Corps Global Combat Support System."

Dan Corbin, Program Manager, GCSS-MC
Reduce Costs and Materiel Cycle Time

Traditionally, procurement personnel have spent much of their time on manual and labor intensive processes for high volume, low value tactical buying decisions. Oracle procurement applications automate and streamline these processes, allowing procurement personnel to spend more time evaluating and improving overall purchasing activity and focusing on large complex transactions, negotiating better and broader blanket contracts and developing strategic suppliers - all the while ensuring compliance to policies and governance requirements. Further, integration of autonomous, sense and respond and even mobile functionality right up to combat elements has the decided advantage of reducing supply cycle times and costs.

Oracle provides an integrated suite of procurement applications, including contract lifecycle management (CLM) for complex military platforms that covers the whole lifecycle from requirement determination, to procurement, delivery and receipt, settlement, and payment. The solution includes comprehensive support for procurement of goods and services from office supplies and contracted services to more complex, capital and maintenance assets for armed forces. Embedded procurement analytics, business intelligence tools and government specific functionality provide details of supplier performance enabling supplier rating and real time measurement against contracted requirement. Integrated with comprehensive inventory, maintenance and transport management suites allows continual tracking of actual asset usage and cost across complete equipment life cycles. Asset cycle time for end combat users are also typically reduced by 80% with complete system integration.

Optimize Asset and Platform Lifecycles

Assets and platforms once procured must be tracked and managed through their lifecycle irrespective of their location. Many military assets are long-lifecycle platforms requiring complex maintenance solutions. Oracle applications support the full asset lifecycle – to procure, install, maintain, repair, overhaul and ultimately retire an asset. Oracle’s Enterprise Asset Management solution optimizes the performance of capital assets and supports sophisticated, condition-based maintenance for property, weapons, platforms and support defense infrastructure. Oracle also delivers maintenance, repair and overhaul solutions designed specifically for complex defense assets. This comprehensive solution ensures that spares provisioning is synchronized with maintenance demands, and planned and unplanned maintenance activity is completed quickly with the right components. With full control over every aspect of the asset’s maintenance, you can return the asset to use quickly and maintain high availability.

Oracle’s End-To-End Solution

The enterprise capabilities and focus gained with Oracle solutions generates a host of benefits across the enterprise. Fully integrated supply chain, maintenance and transportation management, total asset visibility, autonomous operation, reduced cycle time and situational awareness at the combat end of the spectrum producing significant force multiplication gains. Increased process efficiency, contract lifecycle management, policy compliance, reduced system costs and total environment security within the support spectrum producing significant affordability and ROI gains. Oracle solutions provide for the effective simulation, joint planning and execution across the entire single, coalition and alliance force levels. Complete, open, integrated ensuring military logistics mission success.

Did You Know?

- Over 100 U. S. Federal Government organizations run on Oracle
- 24 of the 28 NATO Countries run on Oracle
- 11 of the 20 largest Ministries of Defense worldwide run Oracle
- 5 of the 6 largest ministries of defense in Asia run on Oracle
- 20 of the 20 Top National Governments (by GDP) run Oracle

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