Life Cycle Logistics

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Goal of Life Cycle Logistics

To ensure sustainment considerations are integrated into all planning, implementation, management and oversight activities associated with the acquisition, development, production, fielding, support and disposal of a system across its life cycle.

Requires interagency coordination.
DLA Troop Supports Vision

- As a logistics leader and steward of the Defense Department’s resources, we must manage costs, maintain supply chains, sustain the industrial base and integrate with industry.

- Examine our end-to-end processes with our partners to identify excellence opportunities to remove barriers and achieve precise execution, fiscal responsibility and service level accountability.

Our top priority is warfighter support.
C&T Life Cycle Management

- Requirements
- Development
- Warehousing & Distribution
- Production
- Procurement
Life Cycle Logistics Basics

• Planning is the cornerstone of the process
  • Use continuous process improvement tools to optimize process
• Consider stakeholders across the enterprise and life cycle
  • Synchronize from end-to-end (align processes) to ensure that integrated solutions are efficient
• DLA provides the Military Departments, other federal agencies, and joint and allied forces with a variety of logistics, acquisition and technical services
• Life cycle management and asset visibility initiatives should span global operations
• Sustain auditability
Joint Life Cycle Forecasting

• Implemented effective demand planning to increase forecast accuracy and reduce costs
• Consider the entire item life cycle for both retail and wholesale levels
• Identify root causes of inventory excesses and shortages, determine areas of improvement in demand forecasting, and address them with the most effective solutions
• Understand that varied mission sets could change what was previously planned for an item
  • Must be able to rapidly respond
Requirements

- Milestone Decision Authority for Clothing
- Engaged and Balanced Workflow
- Uniform Standardization
  - Cross-Service Warfighter Equipment Board
  - Size Proliferation
- Pace of Modernization and Spiral Development Strategies
  - Industrial Capability Analysis
  - Enterprise partners, stakeholders, and process owners must collaborate to optimize use of resources and capabilities from all available sources and to integrate and synchronize logistics processes to support the warfighter.
- Ensure supportability, maintainability & costs are considered throughout the life cycle of an item
- Partner with program managers to lower life cycle costs
  - Foster improved transparency
Development

- Identify and Test Key Performance Parameters
  - Forward Presence
  - Fit/Wear Considerations
- Leverage technology
- Supply Request Package and Technical Data Package
  - Improved Supplier/Demand Planning
  - Uniform Component Specifications
- Make sure the design process allows for a highly supportable and sustainable item that meets the user’s requirements
- Understanding industrial base capabilities and service capabilities
- Integrate efficiencies into the design, acquisition and long term sustainment
- Eliminate non-value added processes
Procurement

- Acquisition Planning
- Funding Considerations
  - Timing
  - Internal and External
- Socio-Economic Plans
  - Small and Disadvantaged Businesses
- Political and Industrial Challenges
  - Service Buys
- Develop and communicate timelines
- Leverage industry’s knowledge, engage in information sharing and improve support both before and after contract award
- Ensuring competition, or the option of competition throughout the program life cycle
  - Understand legal constraints
Production

- Improved Quality Assurance
  - Government and Industry

- Managed Material and Items

- Industry Capacity and Constraints
  - Berry Amendment
  - Cut-lay complexity
Warehousing & Distribution

- 3\textsuperscript{rd} Party Logistics Warehousing Support
  - Tailored Logistics Solutions
  - Improved Asset Visibility
- Distribution
  - Radio Frequency Identification
- Recruit Centers
  - Strategic Presence
- Defense Distribution Center
  - Wildland Fire Items
  - Tents Kitting Items
  - Foreign Military Sales
- Defense Reutilization and Marketing Services
Cleaning Out the Attic

• Terminal Items
  • Over 18,000 NSNs are considered terminal for Class II items
    • 3,361 of these NSNs have stock on hand totaling close to 7,000,000 units

• NSNs obtained for Service Use
  • 2,958 NSNs in the system are coded as Acquisition Advice Code “W”