LOGSA
TOOLS AND SERVICES

Build a Brand... The Army's trusted source of logistical readiness solutions for tactical, operational and strategic customers

U.S. ARMY MATERIEL COMMAND

LOGSA

SUPPORTING WARFIGHTERS GLOBALLY

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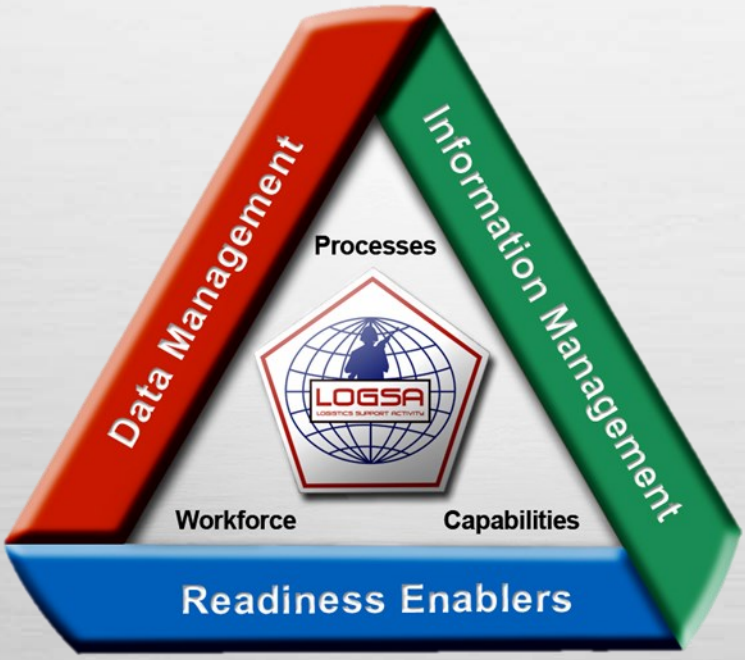
LOGSA's Importance in 2025

Vision

The Army's trusted source of logistical readiness solutions for tactical, operational and strategic customers

Mission

Improve Army Readiness through the integration of Data Management, Information Management, and Readiness Enablers in support of global Unified Land Operations



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usarmy.redstone.logsa.mbx.tsb-smartdesk@mail.mil
LOGSA Help Desk: Toll Free: 1-866-211-3367, usarmy.redstone.logsa.mbx.service-desk@mail.mil
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AMC LOGSA Knowledge Center: https://www.us.army.mil/suite/page/602625

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Support to OSD

- DoD Small Arms Registry
- Development of DoD Standards and Industry Standards

Support to HQDA

- Decision Support Tool – Equipping decisions for BCT Reorganization
- Monthly Readiness Reporting (USR) for the VCSA
- Repository for all Electronic Technical Manuals
- CTASC – Interface for all legacy supply transactions between AMC/DLA/GSA and Field units
- TPE – Equipment Retrograde Tool
- IUID Warehouse – Serial Numbers for all Army Equipment
- LIW: Central repository for non-ERP data

Support to ASCC/ACOM/DRUs

- The Army's Materiel Common Operating Picture (M-COP)
- Authorized Stockage List-Stockage Determination for 350 SSAs
- Legacy Data Conversion Assessments for LMP and GCSS-A
- Post conversion Data Quality Audits for LMP
- PS Magazine

Support to ASA(ALT)

- Master File Management – Critical for GCSS-A, LMP, and AESIP to run the ERPs
- Logistics Product Data Store (LPDS) – Critical for PMs and GCSS-A & LMP
- Operational Support Center (OSC)
- Logistics and Acquisition Tools for ASA(ALT) and PEOs/PMs

Logistics Information Warehouse

Premier Logistics Support to the Army!

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Army Airlift Clearance Authority (AACA)

- Validate, challenge, and control all Army-sponsored air eligible cargo IAW AR 59-3 (Movement of Army Cargo by Scheduled Military Airlift) and the Defense Transportation Regulation (DTR) to ensure prudent use of premium air transportation dollars

- Request and Validate non unit move cargo Special Assignment Airlift Mission (SAAMs) for Army customers IAW AR 59-9 (Special Assignment Airlift Mission Requirements)

- Develop and implement supply chain business rules within the Financial Air Clearance Transportation System (FACTS)
  - Shipments are challenged or cleared for air or surface transportation based on criteria including:
    - Class of Supply
    - Transportation costs
    - Weight

- Liaison Officer that services both McGuire and Dover Aerial Ports

"Providing Deployed Army Forces the Commodities They Require while Ensuring the Prudent Use of Scarce Transportation Resources."

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Transportation Cost Avoidance

- For FY15 saved the Army over $57M
- Since FY10 saved over $1.7B in Transportation Costs
- Mitigates Risk to Second Destination Transportation Fund
- Avoided over 4,000 KC-5 and KC-17 aircraft Airlift Missions since FY10
- Reduces the stress on the entire supply chain; from fuel and manpower to Infrastructure requirements

Army Airlift Clearance Authority
(AMXLS-GA)
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256-313-6024
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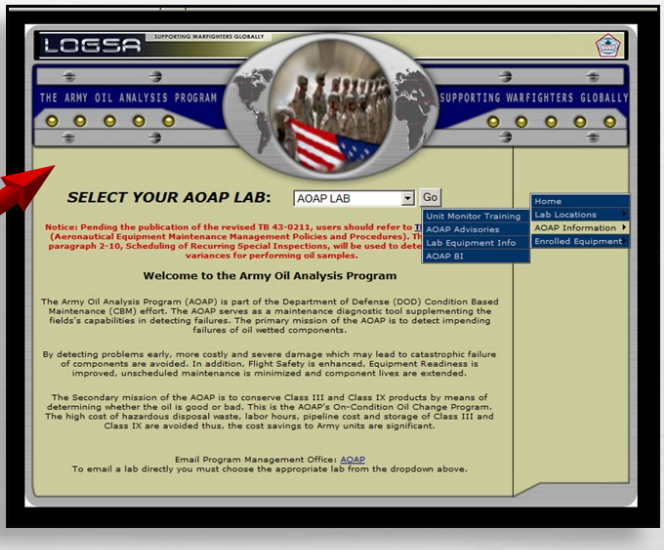
ARMY OIL ANALYSIS PROGRAM

AOAP

Access through
LIW Portal

LOGSA



MISSION

- Part of a Department of Defense-wide effort to detect impending equipment component failures, improve operational readiness, promote safety, conserve lubricating oils and hydraulic fluids, and monitor lubricant condition through laboratory evaluation of oil samples.
- Another important purpose of the AOAP is to conserve petroleum resources through application of the on condition oil change (OCOC) policy. Under the OCOC policy, maintenance activities only change oil when directed by an AOAP laboratory.

AOAP Improves Equipment Readiness and Reduces Cost!

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Army Oil Analysis Program

LAB LOCATIONS

CONUS Regional Labs:

- Fort Bliss, TX
- Fort Bragg, NC
- Fort Campbell, KY
- Fort Carson, CO
- Fort Rucker, AL
- Fort Hood, TX
- Fort Lewis, WA
- Redstone Arsenal, AL

OCONUS Regional Labs:

- Kaiserslautern, Germany
- Camp Humphries, Korea
- Camp Arifjan, Kuwait

Depot Quality Assurance Labs:

- Anniston Army Depot, AL
- Corpus Christi Army Depot, TX
- Red River Army Depot, TX

Joint Lab Supporting Army

- Pearl Harbor, HI

Each laboratory is equipped with a PC-based computer system as part of the Oil Analysis Standard Interservice System (OASIS). OASIS contains an on-site database of laboratory information, which reduces sample processing times.

The data from each laboratory is forwarded to the AOAP OASIS Data Base at LOGSA for storage and retrieval. The data is used for:

- Life-Cycle Management
- Failure Trends
- Oil Consumption
- Usage
- Consumables
- Equipment Ownership

ROLES IN AOAP

HQDA G-4 – Proponent; approves Army input to the Joint Oil Analysis Program (JOAP)
HQAMC – Office of Primary Responsibility
LOGSA – DA PM for the AOAP
Program Manager, AOAP – Planning, coordinating, developing, and administering a centralized oil analysis program
MACOMs – Ensure all units, installations, and activities under their command participate in the program
MSCs – Recommend systems for inclusion in AOAP; recommend sampling intervals; and configure systems to use sampling valves, when feasible

AOAP Hotline:

DSN 645-0236 or (256) 955-0236
Logistics Information Warehouse (LIW)
https://liw.logsa.army.mil

For Additional AOAP Information:

USAMC Logistics Support Activity
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Phone: 256-955-0236 **DSN** 645-0236
E-mail: usarmy.redstone.logsa.mbx.aoap@mail.mil

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Army Item Unique Identification (IUID) Warehouse

The Army Item Unique Identification Warehouse (IUID) provides Army Specific IUID reports and updates PBUSE with IUID data by consolidating the DoD IUID Registry data, MCDS IUID/LCF data, PBUSE IUID data, user submitted AIW Upload Tool data, and WAWF UII/NSN data feeds.

Application Overview

The Army IUID Warehouse (AIW) provides the customer with Army specific Item Unique Identification (IUID) reports by consolidating the DoD IUID Registry data, PBUSE data , MCDS data, WAWF NSN/UII data, and user submitted AIW Upload Tool data. The reports and tools within AIW are designed to help users at all levels from the HQDA, AMC, and ASA(ALT) levels all the way down to the Depot and Tactical Soldier level. PMs, LCMCS, and AMC's Mobile Marking Teams (MMTs) can use the information provided by the AIW General Query and the Single UII Query in conjunction with the UII to SN/NSN Upload tool to ensure that UIIs are populated correctly within PBUSE.

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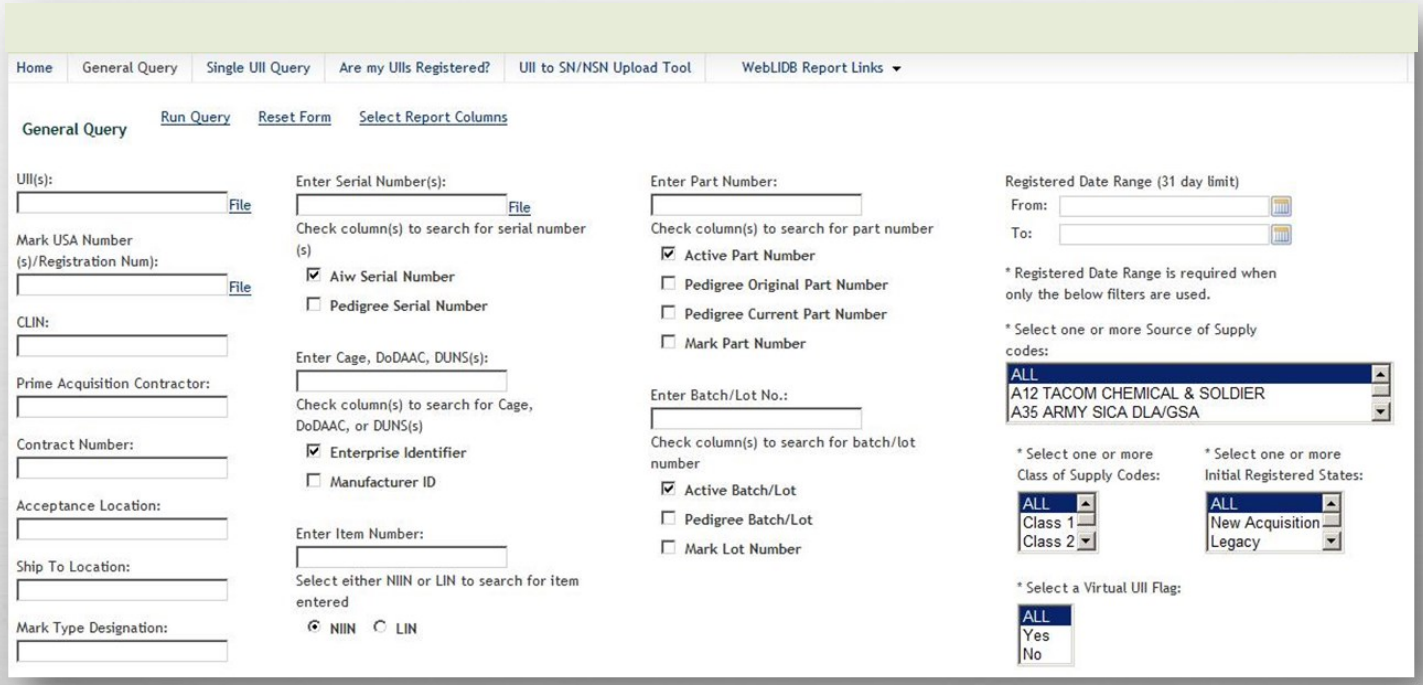
Army IUID Warehouse

AIW General Query



KEY FEATURES

- **AIW receives hourly data feeds from the DoD IUID Registry via Oracle to Oracle**
  - AIW has visibility of all MCDS IUID/LCF data
  - AIW receives WAWF UII to NSN relationship data (via DoD IUID Registry feed)
  - AIW receives user submitted UII to SN/NSN relationship data via the AIW Upload Tool
  - PBUSE updates the UII on Hand Receipts via AIW feed (based on SN/NSN match)

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Cost Analysis Strategy Assessment (CASA)

What is CASA?

- Life Cycle Cost (LCC) decision support tool
- Estimates total cost of ownership based on user's selection: RDT&E, Acquisition/Production, O&S, and Disposal
- Uses standard LCC and logistics equations for the computation of cost and resource requirements

CASA can be used to perform the following types of analysis

- LCC Estimates
- Trade-offs
- Support Concepts
- Production Rate/Quantity
- Spares Provisioning
- Reliability Growth
- Operational Availability
- Effectiveness of Warranty

Features:

- Stand Alone Windows 32-Bit Program with Built-In Help File and User's Manual
- Data Import/Export functions for use with Microsoft EXCEL
- Easy to read Output Reports
- Allows 1-10 Levels of Maintenance to be modeled
- Analyze up to 65,000 hardware items
- Can model different Acquisition Scenarios (New, Mature, Retro-fit)

Life Cycle Cost Estimating Software!

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Cost Analysis Strategy Assessment

KEY FEATURES OF CASA

Inputs

- CASA employs approximately 82 algorithms with 190 variables. However, only a small number of the Inputs are mandatory. Most of the inputs are optional and may be tailored to the analyst's needs. Inputs include:

- General information (e.g. study life and operating hours)
- Maintenance level information
- System production and cost data
- System deployment data
- System hardware data (e.g., MTBF, MTTR, unit cost)
- Support equipment data
- Transportation Data
- Training Data
- Failure Data
- Warranty Data
- Inflation, Discounting and Interest Rates

Outputs

- CASA has numerous output reports available and these are selected based on the analyst's requirements. The reports available include:

- Total Life Cycle Costs
- Constant Dollar Yearly Costs
- Inflated Dollar Yearly Costs
- Operational Availability (Ao) and
- LRU Spares Optimization
- Sensitivity Analysis
- Risk Analysis
- Maintenance Action Per Location
- System MTBF by Year
- Support Equipment Usage
- O&S Cost by LRU
- Input Data
- Comparison of two CASA files
- Summation of two or more files
- Net Present Value

For Information on Demos or Training:

Website: https://www.logsa.army.mil/lec

Email: usarmy.Redstone.logsa.mbx.tsb-smartdesk@mail.mil

Phone: (256) 955-9847 **DSN:** 645-9847 **Toll Free:** 866-211-3367

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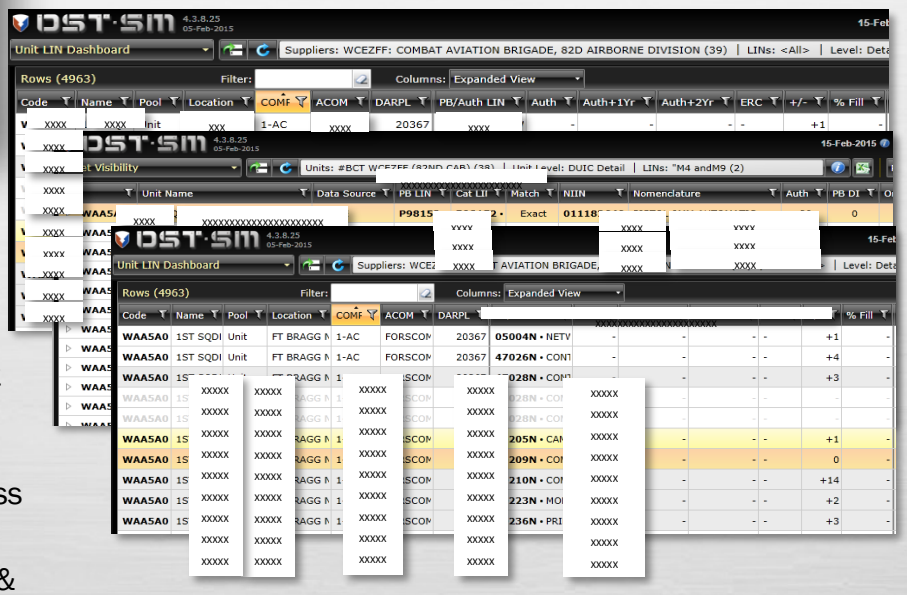
Lead Materiel Integrator – Decision Support Tool (DST)

The Army's Materiel Management Tool

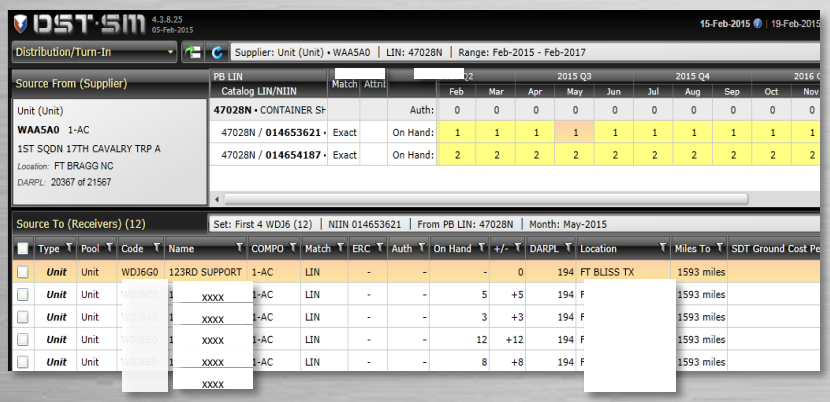
DST is an unclassified, web-based, collaboration tool the Army uses to lead Army Materiel stakeholders through planning and execution of the Army's materiel distribution and redistribution processes.

DST matches validated, prioritized equipment demands with available Army inventory in depots, units and other supply sources.



Complete Army Asset Visibility:

- DST consumes authoritative source data for both on-hand quantities and authorization data
- DST allows for complete visibility and asset posture across the Army
- On-hand and transactional quantities are combined to show predictive on-hand across time
- Daily updated Property Book Data (PBUSE & GCSS-A)



Distribution/Redistribution:

DST enables:

- Identification of property excess / shortages across the Army
- Redistribution of excess property across all commands
- Depot level distributions
- Streamlining of DISPO instructions

Total Army Asset Visibility!

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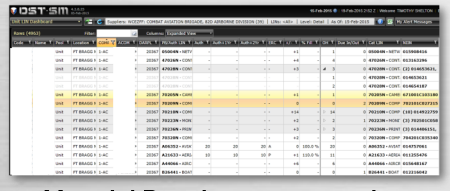
LMI-DST Benefits to the Warfighter

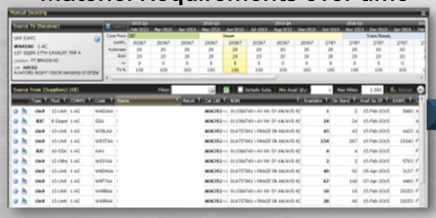
- Provides the capability to visualize total Army equipment demand and supply sources over time
- Enables materiel managers to make timely sourcing decisions based on policy and Army priorities
- Provides the capability to visualize the second and third order future effects of decisions made today in order to ensure the best use of Army equipment resources
- Is a web-based tool, available in the Army's Logistics Information Warehouse, that enables the LMI and the entire materiel enterprise to plan and collaborate in a common environment
- Quickly identifies excess equipment that could be used to fill potential shortages
- Allows for factors such as location and transportation costs to be considered before making a decision
- Enables NIIN level Automatic Disposition for Turn-Ins
- Automates Execution Tracking for Lateral Transfers and Turn-ins to show directive completion
- Predictive EOH function allows for projecting unit readiness
- Alert and Notification capability for user created transactions

INPUTS

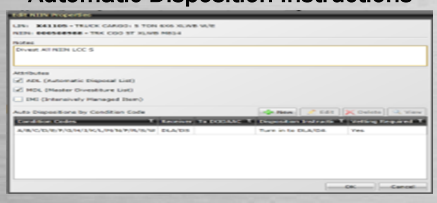
Supply Sources over time



Materiel Requirements over time

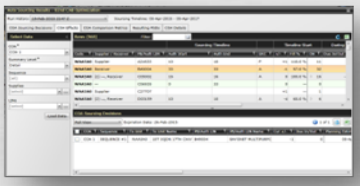


Automatic Disposition Instructions



WHAT-IFS

COA Analysis/Auto Optimization

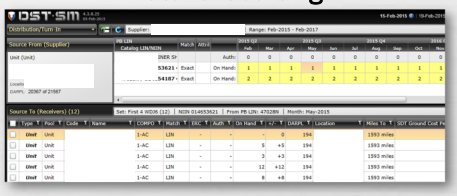


COA Metrics

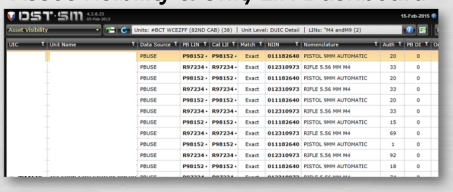
Divestiture Planner *

OUTPUTS

Materiel Sourcing



Asset Visibility & Unit/LIN Dashboard



Training and Demo Requests

LOGSA Customer Assistance Division

https://www.logsa.army.mil/training/liw_training-dst.cfm

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ETMs ONLINE
Electronic Technical Manuals

The Logistics Support Activity (LOGSA) manages the US Army Materiel Command's ETM library of technical and equipment publications (except engineering and medical) online. ETMs/IETMS are located on the LOGSA home page at https://www.logsa.army.mil. Under Publications, click ETMs Online.

ETM Software Requirements: Internet Explorer 9 with 256 bit encryption. ETMs are provided in Portable Document Format (PDF). In order to view a manual, Adobe Acrobat Reader is required.

Request ETM Access

Each ETM/IETM on-line has been assigned one of the distribution restriction codes:

A. Public Release
B. US Government Agencies
C. US Government Agencies and their Contractors
D. DOD and U.S. DOD Contractors
E. DOD Components

ETMs/IETMs assigned distribution codes B thru E will require a System Access Request (SAR). You must have a CAC to complete a
SAR. Visit web site https://www.logsa.army.mil/index.cfm, click on SAR (upper right hand corner) and complete the online
application. Use Logistics Information Warehouse (LIW) to access ETMs/IETMs online.

Enter the Site/Search Page

- Publication Identification Number (PIN): Search on six digit PIN
- Electronic Manual (EM) Number: Search on four digit EM number
- Publication (PUB) Number: Search on specific publication number
- Publication (PUB) Title Text: Search on text on the front cover (minimum 3 characters)
- Line Item Number (LIN): Search using LIN

"The Army's Official Repository for Publications"

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Electronic Technical Manuals

ETMs ONLINE
Electronic Technical Manuals

Official Army Publications Websites

- Administrative publications, http://www.apd.army.mil
- Training and doctrinal publications, http://www.adtdl.army.mil
- Technical and equipment publications (LOGSA Homepage), https://www.logsa.army.mil
- Engineering publications (except administrative), http://www.usace.army.mil
- Medical publications (except administrative), http://www.armymedicine.army.mil

Technical Manuals on CD-ROM Information

- On the ETM home screen you will find links for the following information:
- Questions & Answers (answers for frequently asked questions on ETM/IETM Website)
- Unit Publications Guide (provides basic publication information everyone should know)
- Weapons Systems Schedule (provides ETMs update schedule)
- Table of Fielded CD-ROMs (provides list of fielded weapon systems managed by USAMC LOGSA)
- Official Publications Websites (provides a list of official Army websites for publications/forms)
- View Current Notifications (provides notification via e-mail of change(s) or revision to ETM)
- Electronic Technical Manuals (ETM) and Interactive Electronic Technical Manuals (IETM)
- Hosted for viewing and downloading on the ETMs Online Website.

IETM Software Requirements

- Latest version of Java Runtime Environment Files (JRE) loaded on your work station. Port 443 must be open to traffic on your network. Contact your system administrator for details.

For Questions and Information

Website: https://www.logsa.army.mil/etms/online/cfm
Email: usarmy.redstone.logsa.mbx.logetm@mail.mil
Technical Support: Toll Free 1-800-270-1409/1-866-211-3367

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USAMC Logistics Support Activity

ARMY EXPERT ASL TEAM

A centralized, standardized and logical approach to demand planning and stockage requirements determination for tactical and fixed based Authorized Stockage Lists for the entire Army.

What We Do

- Coordinate with over 330 Tactical and LRC SSAs to improve ASL performance in support of Unified Land Operations and the Decisive Force
- Conduct over 500 ASL reviews annually in support of $3.24B Army Inventory
- Provide Theater Retention recommendations to enhance Warfighting capability
- Develop and implement ASL recommendations for new units and new fleets
- Conduct Special ASL reviews to determine requirements for special needs and situations
- Provide education, mentorship and assistance through onsite visits
- Produce and implement LRC Retention Level recommendations to identify excess
- Identify and publish the Readiness Driver/Maintenance Significant Parts list for the Army

Our Team's Focus

- Utilize Army net-centric capabilities to expand the availability of ASL information for Soldiers
- Maintain ASL policy and doctrine file, recommend changes/revisions to the Army Staff
- Establish liaison relationships and coordinate with AMC Installation Supply Representatives (ISR), Accountable Officers and Sustainment Commands at all levels

ARMY EXPERT ASL TEAM

The Army's Premier Option for "ALL" Stockage Determination Requirements in the Army Below National/Wholesale Level.

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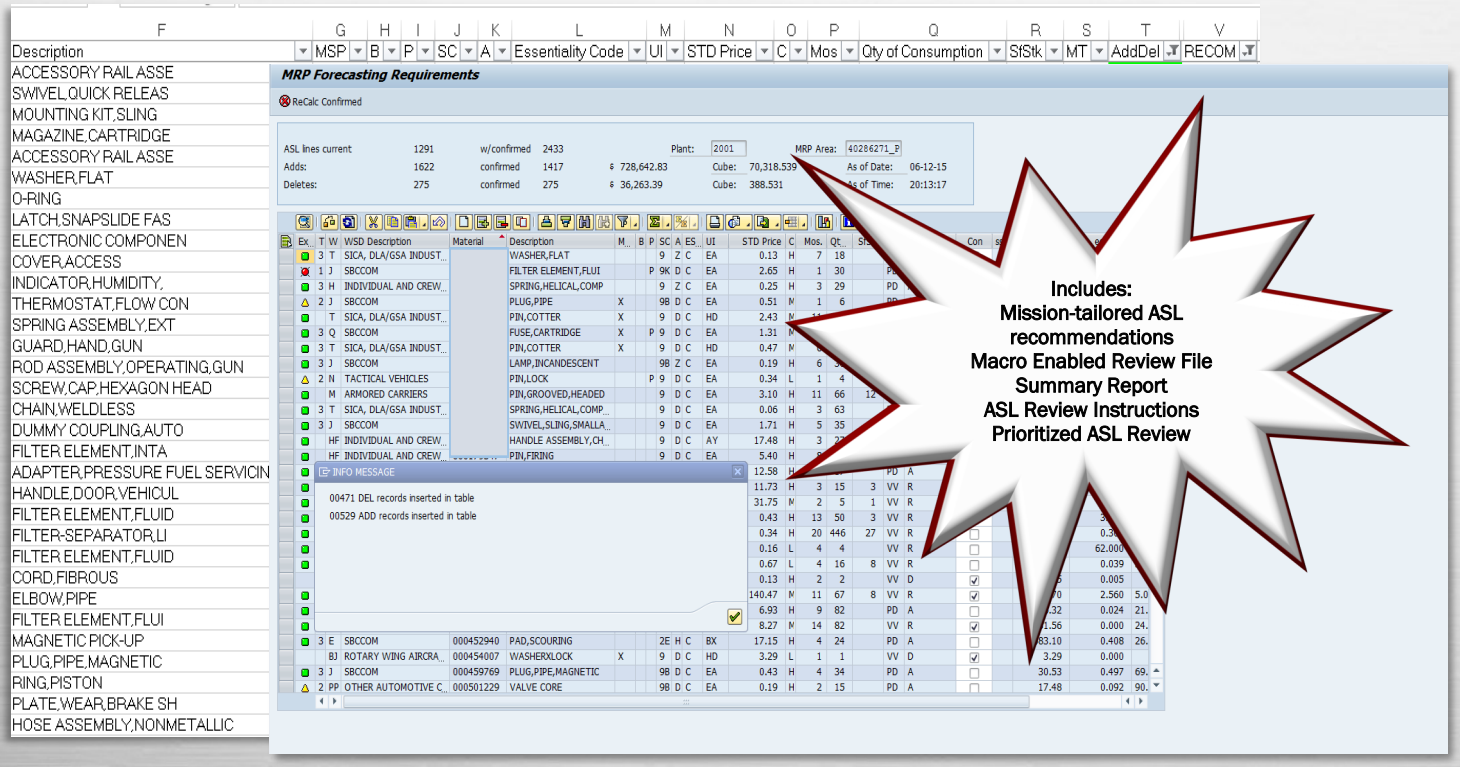
Army Expert ASL Team

Team Purpose and Goals

- Streamline the ASL Review process for SSAs, thereby minimizing Soldier workload
- Educate Commanders and supported units on the ASL Review process
- Place emphasis on the maintenance significant parts that deadline Army equipment
- Analyze ASL performance, identify specific SSAs performance issues on all IPG fill rates, demand satisfaction, maintenance significant parts fill rate, and recommend solutions
- Provide unit consumption and demand analyses using GCSS-A and Enterprise Resource Planning (ERP) Environment data
- Provide SME advice to Army Logisticians and mentorship to every SSA Accountable Officer



For ASL Review Requests and Assistance Contact the Team:

Website: https://www.us.army.mil/suite/page/620127

Email: usarmy.redstone.logsa.mbx.asl@mail.mil

Phone: 256-955-1142 **DSN** 645-1142

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Level of Repair Analysis Software
COMPASS

What is COMPASS?

The Computerized Optimization Model for Predicting and Analyzing Support Structures is a system Level of Repair Analysis (LORA) modeling tool. LORA is the analytical methodology used to determine the maintenance repair levels where items should be removed and replaced, and ultimately repaired or discarded. COMPASS estimates the cost to repair or discard items at various maintenance levels, with contractor facilities included as a separate level. Several maintenance levels can be analyzed concurrently. End items supported by varying levels of maintenance and support should have a LORA performed and the COMPASS model handles the job! COMPASS is very popular among a variety of agencies. Along with the Army, COMPASS is currently used by other DoD services.

COMPASS Can-Do!

COMPASS identifies the most economical maintenance levels to repair or discard an End Item, along with its LRUs and SRUs. COMPASS optimizes both the maintenance and support to achieve your target operational availability (Ao). COMPASS can consider up to four levels of organic maintenance (supports Two-Level Maintenance studies), supply support, and contractor support. You can also use COMPASS output data as a source for developing the MAC and SMR codes.

COMPASS

Premier Logistics Support to the Army!

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COMPASS

- **Inputs**
  - Repair Echelon Information
  - Target Operational Availability (Ao)
  - Item Information: Price, Weight, MTBF, MTTR
  - Transportation/Supply Costs
  - Support Equipment Information
  - Repairmen Information
  - Technical Documentation
  - Exports to Excel
- **Outputs**
  - Optimal/User-defined Maintenance policies (by application)
  - Allocations: Initial Spares, Repairmen, Support Equipment
  - Cost(s): Initial Spares, Consumption Spares, Support Equipment, Repairmen, TPS, Contractor
  - Maintenance & Replacement Task Distributions
  - Miscellaneous Costs: Transportation, Cataloging, Requisition, Bin/Holding, Technical Documentation
  - Sensitivity Analysis

For Information on Demos or Training:
Website: https://www.logsa.army.mil/lec
Email: usarmy.Redstone.logsa.mbx.tsb-smartdesk@mail.mil
Phone: (256) 955-9847 **DSN:** 645-9847 **Toll Free:** 866-211-3367

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Logistics Product Data Standards

The LPD Documents

SAE TA-STD-0017 Product Support Analysis – This standard provides to industry and defense organizations the 'what is required' to perform Product Support Analysis.

MIL-HDBK-502A Product Support Analysis – This handbook is a companion document to SAE TA-STD-0017 providing guidance on 'how' to perform and contract for Product Support Analysis.

SAE GEIA-STD-0007 Logistics Product Data – SAE GEIA-STD-0007 is a standard for product data exchange. It defines the data to be exchanged to include format and content of the data. The data is developed during the performance of Product Support Analysis.

SAE GEIA-HB-0007 Logistics Product Data Handbook – Companion handbook to SAE GEIA-STD-0007. Provides guidance to both defense and industry organizations eliminating misunderstandings between manufacturers and purchasers, facilitating interchangeability, and assisting the purchasers in selecting and obtaining with minimum delay the proper product for their particular needs.

SAE TA-HB-0007-1 Logistics Product Data Reports Handbook – This is also a companion handbook to SAE GEIA-STD-0007. Its purpose is to describe a set of standardized reports that can be generated using the logistics product data elements contained in SAE GEIA-STD-0007.

The Benefits of LPD

Well defined documents providing a single, uniform approach to the Army and the other DoD military services that can be used to implement solid guidelines and requirements to conduct supportability across a weapon system's lifecycle within the framework of DoDD 5000.01 and DoDI 5000.02

- Readiness and supportability requirements are integrated in the documents
- Documents are designed as part of the Systems Engineering Process and provide an integrated approach to product support that applies systems engineering principles and processes.

Defines logistics product data generated during the requirements definition and design of an industry or government system, end item or product.

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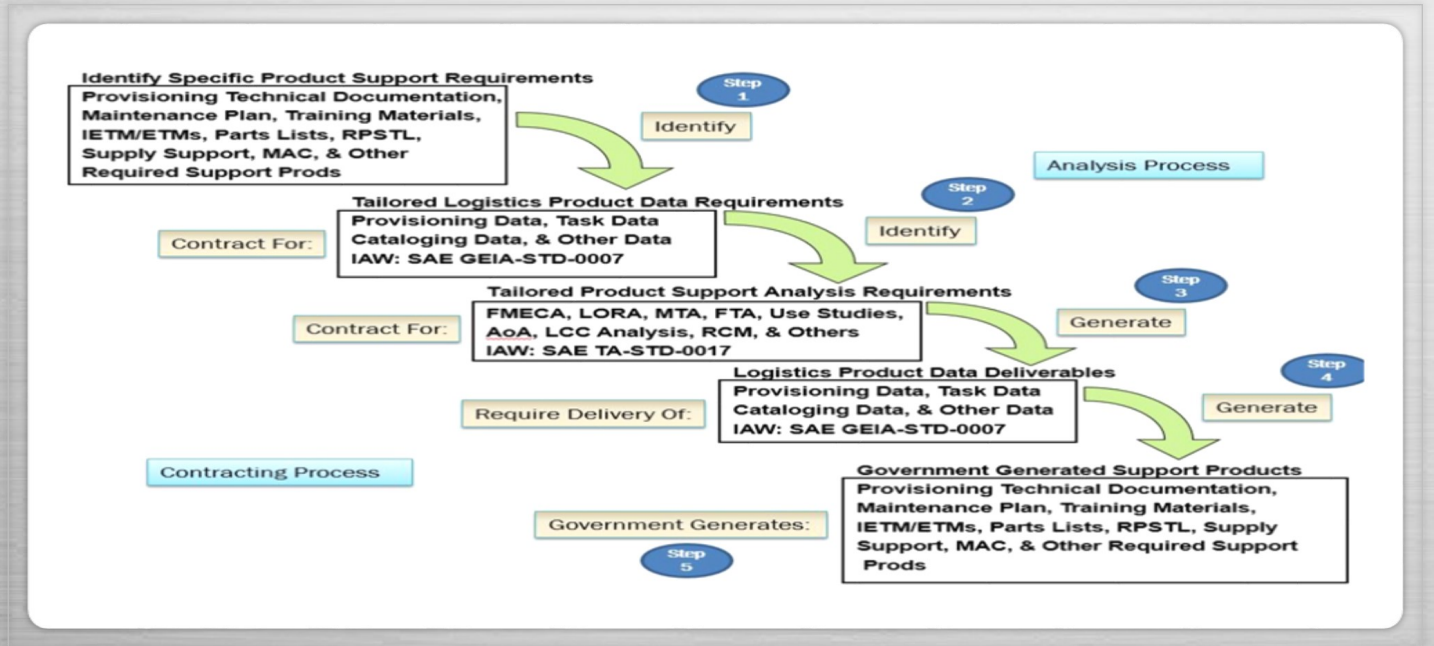
Logistics Product Data Standard

How does the Army take advantage of these documents?

SAE GEIA-STD-0007 provides a comprehensive list of data elements that can be generated as a result of the product support analysis conducted during the design, development, and initial fielding of a system or end item. It captures information related to logistics design requirements, reliability and maintainability, system safety, maintenance engineering, support and test equipment, training and training devices, manpower and skills, facilities, transportation, supply support, and parts packaging. The volume of data generated is driven by the engineering level of effort that will be expended in each of the previously mentioned areas (e.g., if existing facilities are used then no facilities data would generated under SAE GEIA-STD-0007). This volume of data is also tempered by the hardware level of indenture that engineering analysis is required to be performed (e.g., contract maintenance to the engine level). The most important aspect of the data in SAE GEIA-STD-0007 is that it is used to generate support products (e.g., operator and maintainer manuals, supply support lists, training programs for operators/maintainers, etc.) required sustaining a system or end item. This is shown in the figure below steps 3, 4 and 5.

The processes required to generate the support products required to sustain a system.



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USAMC Logistics Support Activity

Logistics Product Data Store (LPDS)

What is LPDS?

- The Army's Central Logistics Product Data (LPD) Repository
- Stores data and makes it available through the Logistics Information Warehouse (LIW)
- Allows for storing, viewing, and analyzing of LPD
- Fills gap from production to sustainment, giving the Army a cradle-to-grave view
- Enables synchronization of ASA(ALT)/PM, and AMC LCMC activities
- Provides GCSS-Army with required Logistics Product Data

Army Benefits

- Allows use of current DOD and Industry Standards data format
  - GEIA-STD-0007– Logistics Product Data Standard
- Satisfies DoD and Army supportability requirements
  - Complies with DA PAM 700-56 Logistics Supportability Planning, AR 700-127 Integrated Product Support requirements, and centralizes data collection & archiving
- Complete Enterprise Life Cycle system perspective (acquisition and logistics engineering data gaps

PM Benefits

- Reduces data costs by collecting LPD across programs centrally
  - Reduces PM storage, DICAPs, and data management requirements
- Promotes compliance with DODD 5000.01 and DODI 5000.02
  - Enables Total Life Cycle Systems Management and supports Performance Based Logistics
- Use of LPD for Program management purposes
  - SAE GEIA-STD-0007, Logistics Product Data reports, tools

AMC Benefits

- Feeds and validates Bill of Materials for development of Equipment Master (GCSS-Army)
- Enhances Property Accountability with authoritative component listings to PBUSE/GCSS-Army
- Provides baseline data for Depot Maintenance Planning
  - Produced by Depot Maintenance Inter-service Data Summary (LSA-077 Report)
- Supports the standardized Provisioning Processes (LSA-036 Report)
- Provides a standardized approach for Program Reviews (Logistics Status, Fielding, etc.)

The Army's Central Repository for Logistics Product Data

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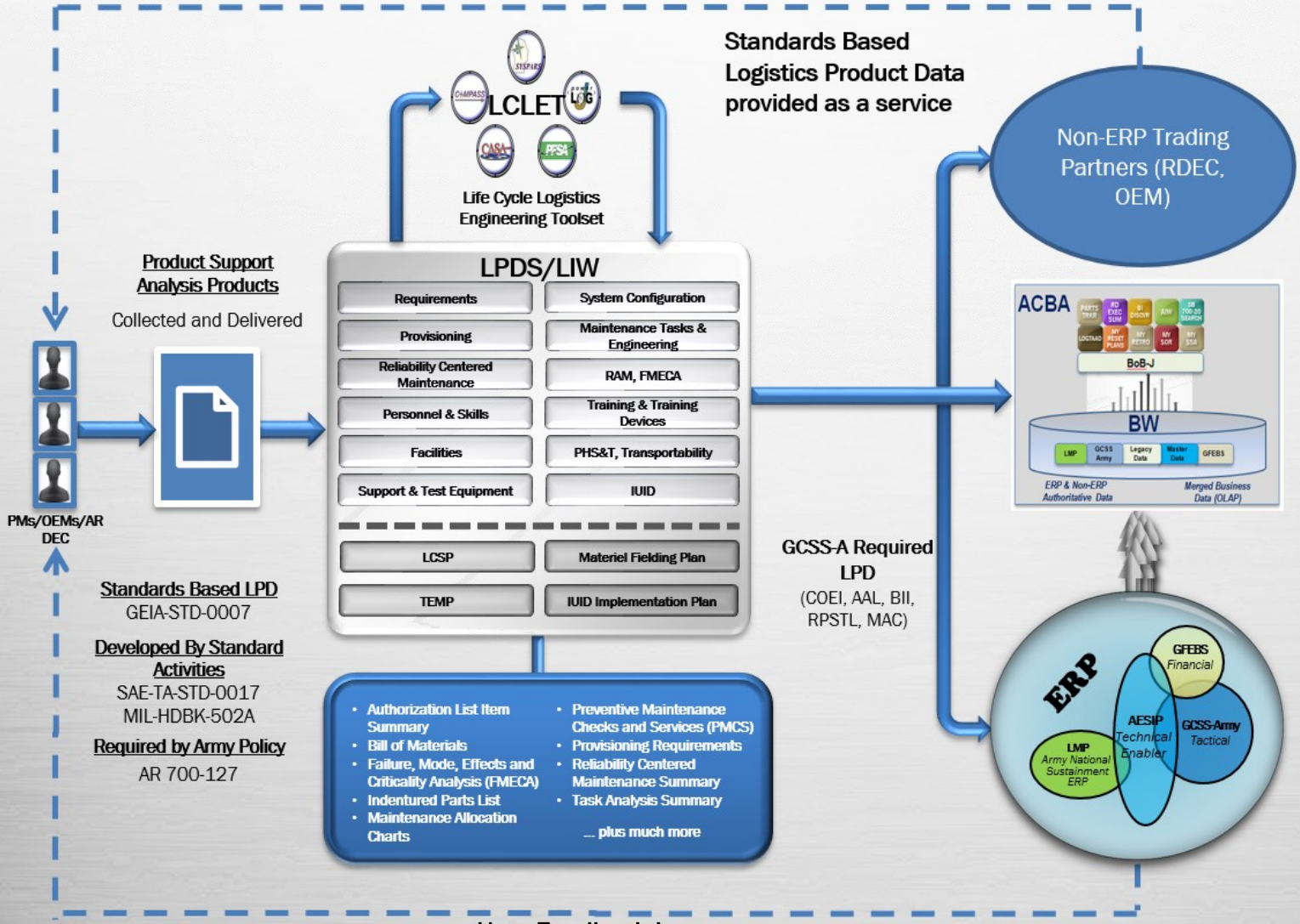
LPDS Objective State



User Feedback Loop
....plus much more

For further information please contact the LOGSA Technical Support Branch

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AMC LOGSA Knowledge Center: https://www.us.army.mil/suite/page/602625

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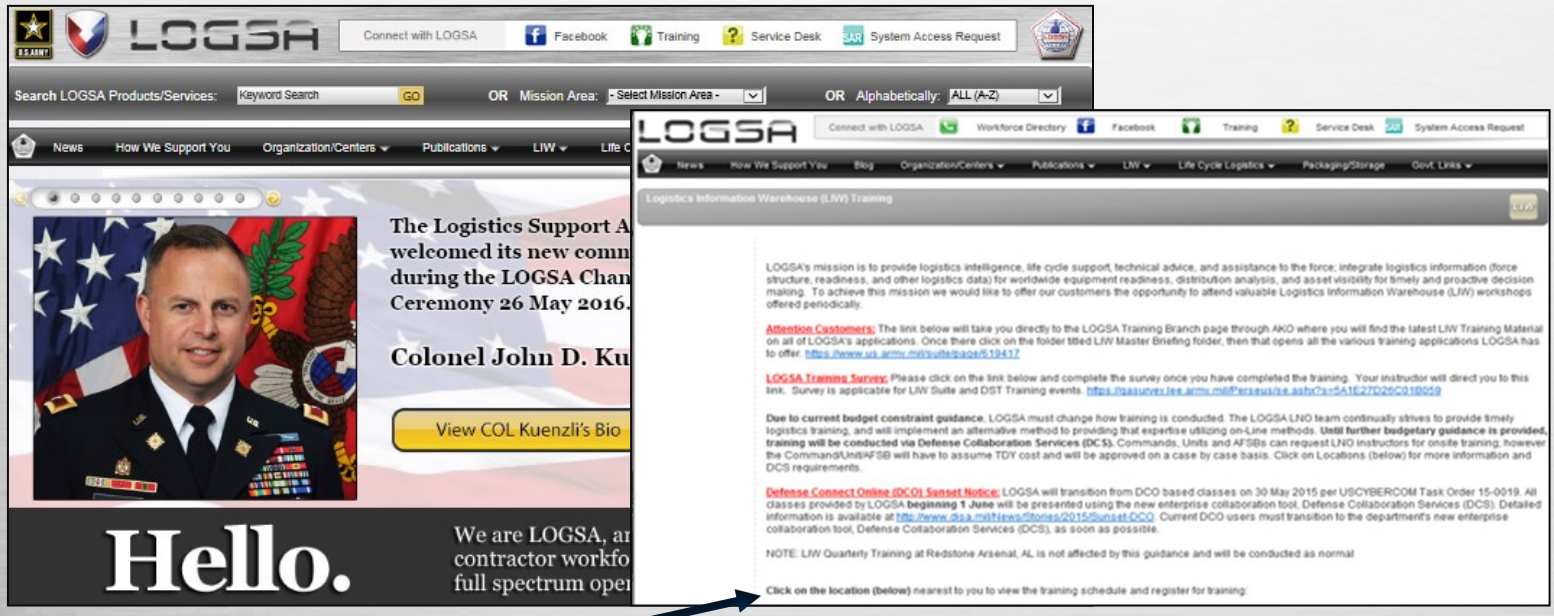
LOGSA Training Mission

LOGSA's mission is to provide logistics intelligence, life cycle support, technical advice, and assistance to the force; integrate logistics information (force structure, readiness, and other logistics data) for worldwide equipment readiness, distribution analysis, and asset visibility for timely and proactive decision making.

To achieve this mission we offer our customers the opportunity to attend valuable Logistics Information Warehouse (LIW) workshops.



Select the training you need and register.

Training available for the LIW suite of tools includes:

- ARFORGEN support—ARMT, TPE Planner, PEAT, LBE Planner, etc.
- Decision Support Tool (DST) and Execution Tracking (ET)
- Materiel COP (M-COP)
- Legacy LIW tools and applications, including WebLIDB, ARSNT, Electronic Technical Manuals (ETM), PS Magazine Online, Maintenance and Readiness Reporting, and ILAP

Worldwide Logistical Training Support for the Warfighter!

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LOGSA Training Mission

Training is available to help customers get the most from LOGSA products and services:

- LOGSA Liaison Officers (LNO) currently located around the world to provide LOGSA's front-line training efforts, including the US Army Logistics University (ALU) and Quartermaster School
- On-line classes offered through the Defense Collaboration Services (DCS)
- Events held at Redstone Arsenal, such as the LIW Quarterly Workshop
- Special on-site events requested by units. One-on-one assistance as needed
- Training videos and interactive multimedia instruction within LIW

Sign up on line for training from LOGSA at: https://www.logsa.army.mil/training/liw_training.cfm

Registrants are provided the URL for the DCS on-line classroom and dial-in information for audio links prior to the class.

For worldwide support, contact LOGSA Training Branch at: usarmy.redstone.logsa.mbx.arforgen-support@mail.mil

• Republic of Korea	**COMM:** 011-82-053-470-6568	**DSN:** 315-768-6568
• Joint Base Lewis McChord, WA	**COMM:** 253-966-2198	**BB:** 256-763-2820
• Ft Bragg, NC	**COMM:** 910-643-7127	**BB:** 256-975-8009
• Ft Hood, TX	**COMM:** 254-287-7083	**BB:** 256-763-2821
• ASC	**COMM:** 309-782-2985	**DSN:** 793-2985
• ALU	**COMM:** 804-734-1253	**BB:** 256-763-2817
• Wiesbaden, Germany	**COMM:** 256-313-6139	**BB:** 256-698-2919
• Training Branch Chief	**COMM:** 256-955-9553	**BB:** (256) 975-8008

LOGSA Technical Support Branch: 256-955-9847, **DSN:** 645-9847
usarmy.redstone.logsa.mbx.tsb-smartdesk@mail.mil
LOGSA Help Desk: Toll Free: 1-866-211-3367, usarmy.redstone.logsa.mbx.service-desk@mail.mil
LOGSA URL: https://www.logsa.army.mil
AMC LOGSA Knowledge Center: https://www.us.army.mil/suite/page/602625

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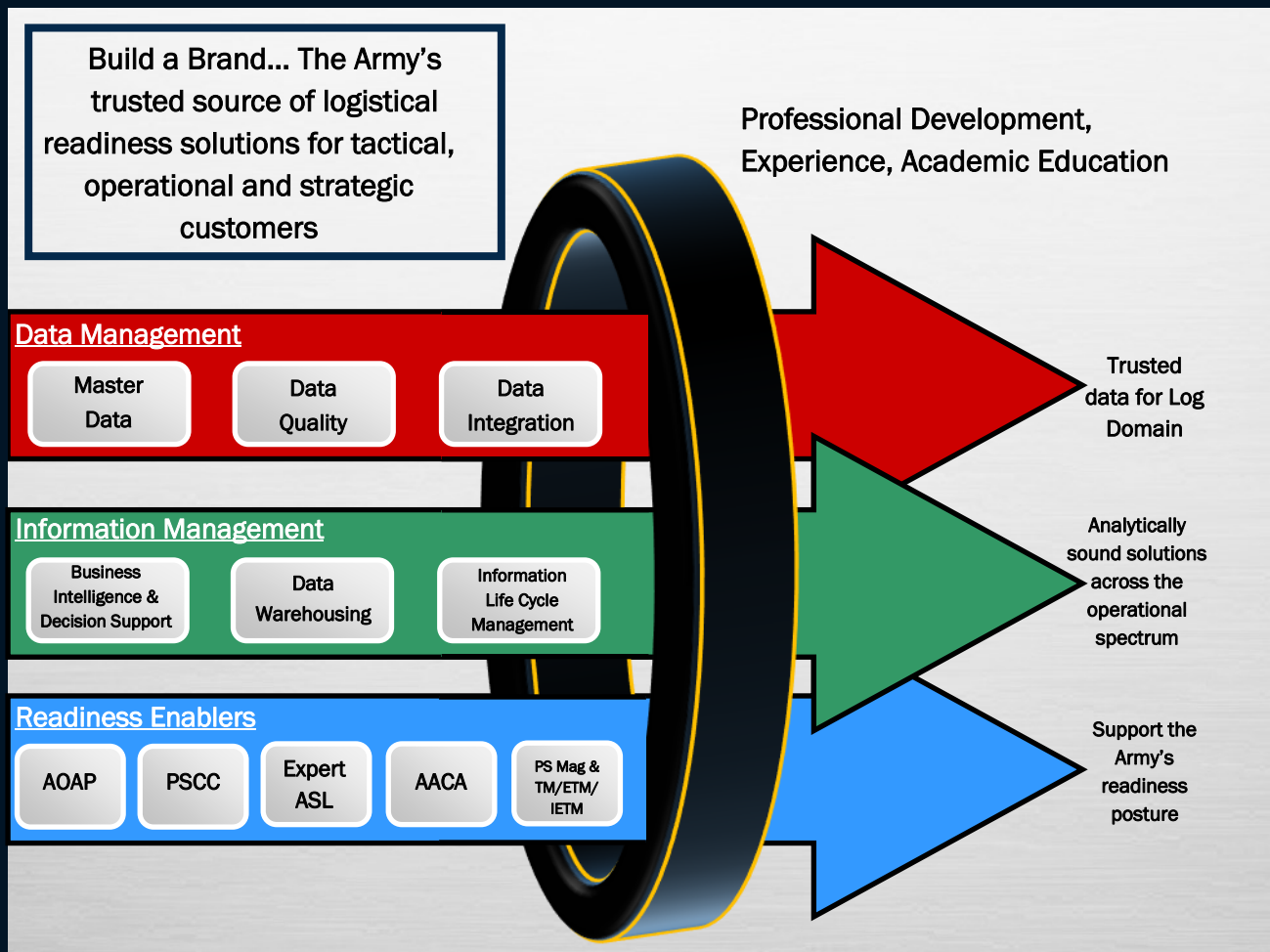
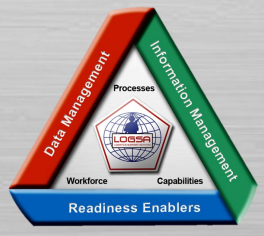
Master Logistics Data Management

Supporting the Army's Readiness Posture



COP

DST DECISION SUPPORT TOOL



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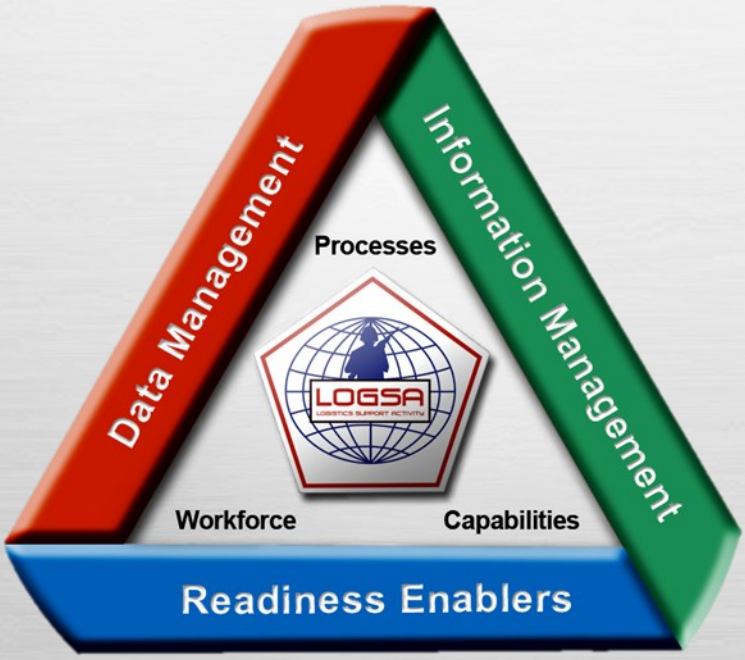
LOGSA's Importance in 2025

Vision

The Army's trusted source of logistical readiness solutions for tactical, operational and strategic customers

Mission

Improve Army Readiness through the integration of Data Management, Information Management, and Readiness Enablers in support of global Unified Land Operations



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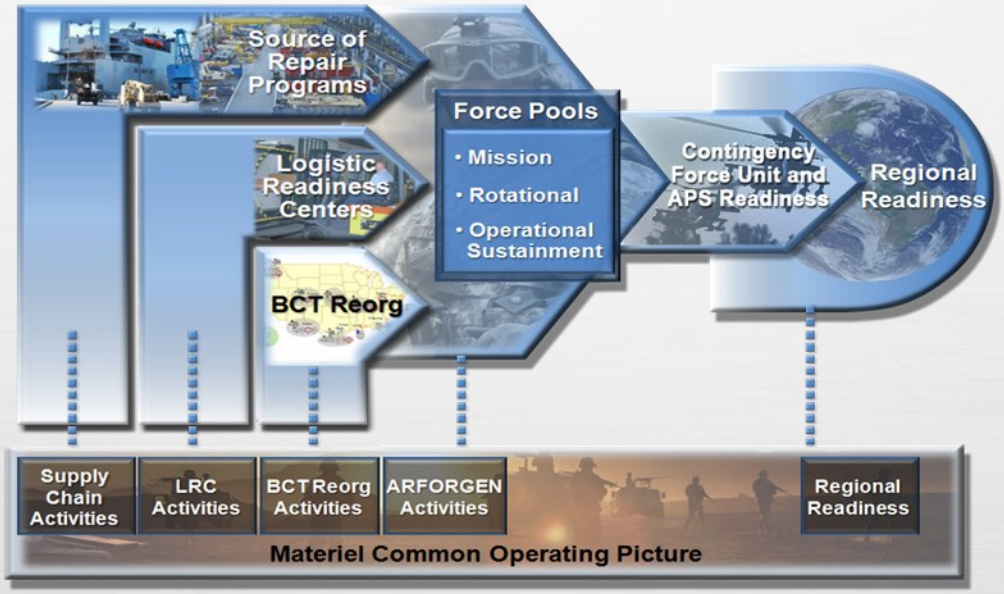
Materiel Common Operating Picture (M-COP)

The M-COP visualizes the Army's Materiel Enterprise, including the End-to-End Logistic Supply Chain activities, BCT Reorganization activities, Logistics Readiness Center activities (LRC), Fleet Readiness activities, and regional materiel requirements into a set of integrated and interactive views that expose options to deliver readiness.



Interaction with M-COP dashboards driven by current data enables collaborative discussions in key Army logistics-centered Senior Leader venues.

- FORSCOM Logistics Readiness Review
- AMC Fleet Readiness Review
- AMC Commander's Update Briefing
- USARPAC Theater Sustainment Readiness Review
- Army Readiness Synchronization Update
- AMC Organic Industrial Base Review

"DELIVERING WARFIGHTER READINESS!"

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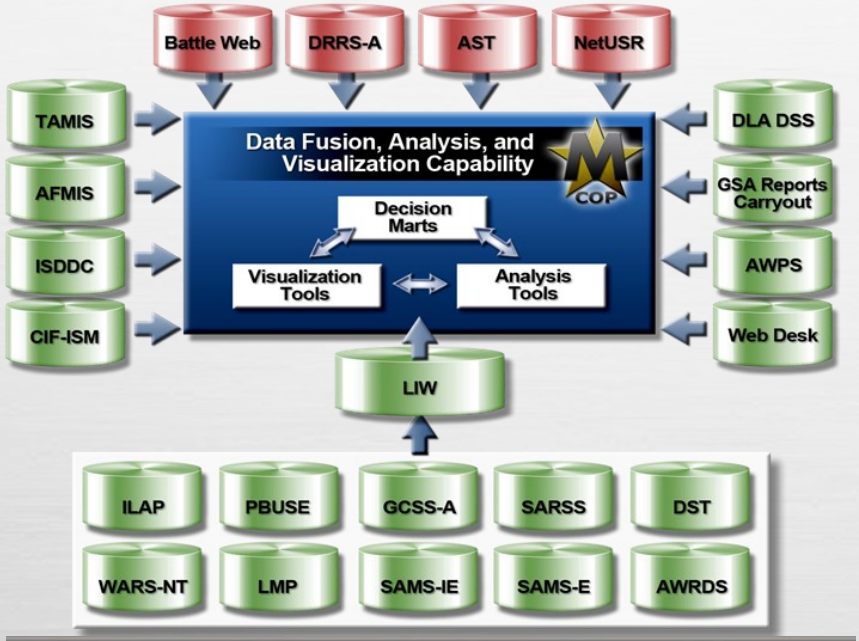
M-COP Key Characteristics

- Orients the Army enterprise to a common logistics framework and increases their ability to observe, share insights, collaborate and rapidly respond to current and future challenges
- Accessible 24/7 via SIPR browser and NIPR browser (NIPR via LIW)
- Enables analysis of current and projected status of equipment
- Open architecture that rapidly adapts to changing requirements

M-COP Is Synchronized with Authoritative Data Sources and Logistics Tools



M-COP Points of Contact

LOGSA Commander	Project Manager	Functional Lead	M-COP Cell Lead
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John.d.kuenzli.mil@mail.mil	Jenny.l.trainer.civ@mail.mil	Michael.w.nickel.civ@mail.mil	benjamin.e.sanders.civ@mail.mil

NIPR URL: https://liw.logsa.army.mil

SIPR URL: https://amcop.redstone.army.smil.mil

M-COP SharePoint Site: https://hqamc.aep.army.mil/gstaff/amcol/mcop

LOGSA Service Desk: Toll Free: 1-866-211-3367, usarmy.redstone.logsa.mbx.service-desk@mail.mil

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PACKAGING, STORAGE, AND CONTAINERIZATION CENTER

Providing Worldwide Logistics and Engineering Assistance for Packaging, Storage, Hazardous Materials (HAZMAT), Automatic Identification Technology (AIT), Distribution Facilities Modernization, Standardization, and Packaging Applications Testing

PACKAGING TECHNICAL SUPPORT

- Packaging Subject Matter Experts
- Asset Protection
- Stock Readiness Program
- Preservation & Corrosion Prevention
- Wood Packaging Material Program
- Army Packaging Policy Focal Point
- Member of the Defense Packaging Policy Group
- Tactical Assistance Visits

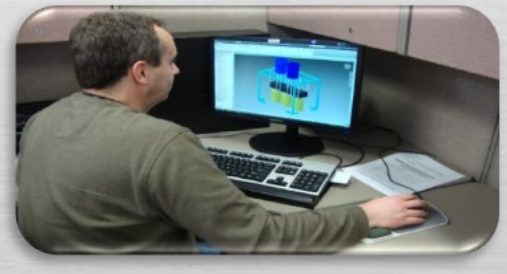
PACKAGING ENGINEERING AND TESTING

- Largest Packaging Applications Testing Facility in DoD:
  - Simulates a Wide Range of Environmental Conditions
  - Simulates Rough Handling Conditions
  - Replicates Conditions of Transportation Modes
- Testing of Military and Commercial Specifications and Standards: MIL-SPEC, MIL-STD, ASTM, TAPPI, ANSI, ISO
- Hazardous Material Packaging Testing for 49 CFR
- Evaluates Packaging Materials and Processes

HAZARDOUS MATERIALS TRANSPORTATION

- Army's Responsible Office (RO) for HAZMAT Policy
- Army Representative to the DoD Hazardous Materials Packaging Working Group
- Army Focal Point for Regulatory and Statutory Relief
- HAZMAT Packaging, Handling, and Transportation Guidance to Units Globally
- DoD Hazardous Materials Information Resource System (HMIRS)
- Army Shelf-Life Responsible Office and Representative to the DoD Shelf-Life Board

DISTRIBUTION MODERNIZATION AND STORAGE PLANNING



- Consulting for Modernization of Distribution, Storage, and Materials Handling Operations
- Distribution Layouts and Storage Analysis
- Storage Analysis and Efficiency Reviews

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Packaging, Storage and Containerization Center

PACKAGING, STORAGE, AND CONTAINERIZATION CENTER

AUTOMATIC IDENTIFICATION TECHNOLOGY (AIT) ENGINEERING

- Technical Expertise in Support of Acquisition to Product Director Automated Movement and Identification Solutions (PD AMIS)
- Physical and Functional Configuration Audits
- Evaluation of Emerging AIT Technologies
- Use your iPhone to access the PD AMIS website

STANDARDIZATION

- Responsible for Military and DoD-Adopted Commercial Standards Under the Defense Standardization Program
- Lead Standardization Activity for 217 Documents
- DoD Preparing Activity for 35 Documents and Army Custodian for 78 Documents
- US Head of Delegation for the NATO Asset Tracking Working Group
- US Representative to the Combat Service Support Working Group Supply Panel

Packaging Technical Support
(570) 615-6038, DSN 795-6038
e-mail: usarmy.tyad.usamc.mbx.pt@mail.mil

Distribution and Storage Planning
(570) 615-7774, DSN 795-7774
e-mail: usarmy.tyad.usamc.mbx.ltad@mail.mil

Standardization
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https://www.logsa.army.mil/pscc

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Hazardous Materials Transportation and Shelf-Life Program
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e-mail: usarmy.tyad.usamc.mbx.pt@mail.mil

Automatic Identification Technology (AIT) Engineering
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PACKAGING, STORAGE, AND CONTAINERIZATION CENTER

Reimbursable Services

DISTRIBUTION MODERNIZATION PLANNING

PSCC provides engineering consultant services for the modernization of distribution, storage, and materials handling operations within Army and Department of Defense (DoD) to include:

- Designing operations layouts for storage areas, packaging operations, hazardous materials (HAZMAT) storage facilities, receiving/shipping operations, and related office areas
- Calculating space requirements of supply operations for new or existing facilities
- Determining equipment requirements including storage aids, materials handling equipment (MHE), and packaging

ASSET PROTECTION WORKSHOPS

PSCC is the AMC Responsible Office for Stock Readiness and packaging subject matter expert. PSCC provides on-site workshops focused on item protection and Care of Supplies in Storage (COSIS). Tailored workshops provide:

- Military packaging instruction coupled with hands-on practical exercises
- Researching, interpreting, and implementing military Methods of Preservation, with emphasis on proper use of packaging materials and tools

"Supporting Soldiers Globally!"

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PSCC Reimbursable Services

HAZMAT AND SHELF-LIFE ASSISTANCE

PSCC is the US Army Materiel Command's Responsible Office for HAZMAT packaging policy and procedures, and provides the following technical guidance:

- Provides guidance on HAZMAT packaging, marking, labeling, placarding, compatibility, and certification documents
- Provides pre-deployment assistance visits to help ensure units' HAZMAT shipments are prepared properly for all modes of transportation required for the deployment
- The point of contact for all regulatory relief including Department of Transportation Special Permits, Competent Authority Approvals, Military Air Waivers, and Certificates of Equivalency
- The Army's focal point for shelf-life information, training, and the web-based DoD Shelf-Life Extension System. Provides one-day classroom workshops and conducts shelf-life assessments of warehouse storage areas
- The Army's focal point for the Hazardous Materials Information Resource System and responsible for overseeing access to the data, and provides guidance on its use and functions
- Provides HAZMAT training recertification extensions as authorized by the Defense Transportation Regulation and TM 38-250, Preparing Hazardous Materials for Military Air Shipments

Distribution and Storage Planning
(570) 615-7774, DSN 795-7774
e-mail: usarmy.tyad.usamc.mbx.ltad@mail.mil

Packaging Technical Support
(570) 615-6038, DSN 795-6038
e-mail: usarmy.tyad.usamc.mbx.pt@mail.mil

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Hazardous Materials Transportation and Shelf-Life Program
(570) 615-7144, DSN 795-7144
e-mail: usarmy.tyad.usamc.mbx.pt@mail.mil

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PowerLOGJ-2

PowerLOGJ-2 can be used by a variety of logistics specialists throughout a system's life cycle to develop, review, and integrate a myriad of logistics data.

Advantages of using PowerLOGJ-2

- Integrates Supportability Requirements
- Assists in meeting your single process initiative objectives
- Easily import custom built spreadsheet data into a standard data format for cleansing, editing, and exporting
- Developed by LOGSA, the proponents for MIL-PRF-49506, MIL-STD-1388-2B, GEIA-STD-0007, LSA-036 and other logistics formats
- Aids in the reduction of total ownership cost

Who Uses PowerLOGJ-2

- PEO/PM
- Government Contractors
- Equipment Specialists
- Item Managers
- Logistics Management Specialists
- Systems Engineers
- Environmental Health Safety
- Maintenance Engineers
- Packaging Specialists
- Provisioning Specialists
- Publication Engineers

Integration Supportability

- LMI/LPD/LSAR
- Task Analysis
- Packaging Data Review
- Initial Provisioning/Item Introduction
- FMECA, RCM, Reliability and Maintainability Analysis
- Data and Ime Management
- Technical Manuals, Skills, Facilities
- Drawings

Logistics Product Data Software!

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PowerLOGJ-2

Logistics Product Data Software

Summaries/Reports

- 25+ Reports & Summaries based on GEIA-STD-0007
- MIL-STD-13882b Standards are available
- Provisioning Technical Documentation
- Repair Parts and Special Tools List
- Bill of Materials
- Maintenance Allocation Chart (MAC)
- Reliability Centered Maintenance Summary
- Task Analysis Summary
- Support Equipment Requirements
- Packaging Requirements
- Spares and Support Equipment ID List
- Failure Mode Effects/Criticality Analysis
- Authorization List Item Summary

Distinctive Features

- Multi-user, Enterprise focused application
  Can also be used by a Single User/Desktop
- Data Relationships Readily Identified
- Summary Wizards
- 100 Provisioning Audits
- 39 Audits
- Multi-user Collaboration

Utilities

- Robust Help Center, CBT, Guides
- Functional/Physical Mapping
- Provisioning Utilities
- Create Baselines
- Clear Database
- Clean and Analyze Database

Inputs

- GEIA-STD-0007 XML*
- MIL-STD-1388-2B*
- PowerLOG-J 1.x File Format
- Spreadsheets (CSV Format)
- LSA-036 FORMATS (2A and 2B)

* Includes the ability to load change files

Outputs

- GEIA-STD-0007 XML*
- MIL-STD-1388-2B *
- PTD, LSA-036 (2B Report) *
- Packaging Data

For Information on Demos or Training:

Website: https://www.logsa.army.mil/lec

Email: usarmy.redstone.logsa.mbx.tsb-smartdesk@mail.mil

Phone: 256 - 955-9847 **DSN:** 645-9847 **Toll Free:** 866-211-3367

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LOGSA's PS MAGAZINE

PS Magazine Mobile App launched at the Winter AUSA!

Available to mobile users on iOS and Android in June 2016

- At the forefront in Maintaining Readiness
- Reaches a greater audience & maximizes reader engagement
- PS March 16 Issue (Beta) will have Interactive Elements (scrollable text, live links and videos)
- Full Production App available for download in June 2016 for Apple iOS and Android mobile devices
- June 2016 onward, full interactive PS issues and 24 PDF Issues for 2015 & 2014 will be available for download

- **Features of the Mobile App**
  - Increases reach to tablet and mobile audiences
  - Same look and feel on mobile phones and tablets
  - Intuitive user experience (e.g. tap screen, scroll, zoom & pinch)
  - Engaging slide shows, audio, video, scrolling, 360-degree rotation, pan and zoom, hyperlinks and animation.
  - Continuous Publishing
  - Live links to Army videos and applicable Army maintenance content

- **PS Magazine Future Capabilities**
  - Sharing of articles
  - End Users to have access to social media apps installed on the user's device such as: Email, Twitter, Facebook and LinkedIn
  - Push notifications and in-app messages
  - Search & Bookmark feature for all PS articles

"We have the world's best equipment.
Take care of it."

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PS Magazine

"PS is on the Web": https://www.logsa.army.mil/psmag/pshome.cfm

There, you'll find subscription information, an e-mail message connection, complete issues for downloading (right mouse click on issue cover, then select "Save target as…"), electronic archives of all PS articles published since January 1990, comprehensive indexes, plus a search engine capability.

Check out PS on Social Media:

Facebook: https://www.facebook.com and search for *Halfmast.McCanick* or *PS Magazine*.
Twitter: Go to https://www.twitter.com and do a search for *HalfMastPSMag*.
Blog: http://halfmastpsmag.wordpress.com

PS receives approximately 1,700 inquiries a year from Soldiers needing assistance, requesting back issues, and sharing ideas/fixes. Each inquiry receives a personal reply after the subject is researched and staffed through higher levels as needed.

PS Magazine can be reached at:

The Preventive Maintenance Monthly
E-mail: usarmy.redstone.logsa.mbx.psmag@mail.mil
Phone: DSN 645-0959 or (256) 955-0959

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System Planning and Requirement Software (SYSPARS)

The System Planning and Requirement Software (SYSPARS) tool, is a document generation assistant designed for program management personnel and product support mangers responsible for system acquisition planning and execution. It is a personal computer application that provides a user-friendly environment in which to author and staff various kinds of program planning documents and is available to the Department of Defense system acquisition community.

How does it work?

As a rule-based expert system, SYSPARS enhances productivity and improves quality in program management planning. The software tool leads the user through the process of preparing acquisition, logistics, and engineering strategies, and in developing the associated tailored program planning documentation.

Through tailored interactive question and answer sessions, SYSPARS assists the user in systematically considering all issues pertinent to his or her program. The decision networks and business rules embedded within SYSPARS lead the user through the maze of acquisition, supportability, engineering, and test issues to be considered. Additionally, automated checks help the user avoid inconsistencies and omissions.

An extensive knowledge base drives the SYSPARS expert system and incorporates the latest policy and procedures, lessons learned, and expert knowledge and experience. SYSPARS helps to produce comprehensive program management plans and system life cycle documents with the added benefit of reduced preparation time.

The Army's Acquisition Document Creator
For Program Managers!

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System Planning & Requirement Software

The SYSPARS Process

Policy and Regulation

- Latest Policy Implemented into SYSPARS
- Expert Authority Tests and Approves SYSPARS documents

User

- Inputs specific knowledge into SYSPARS

Document Creation

- SYSPARS generates a complete document and enforces consistency with Policy and Regulations

Updates and Feedback

- User Feedback is recorded and added as SYSPARS features
- Lessons Learned

For Information on Demos or Training:
Website: https://www.logsa.army.mil/lec
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TPE *Theater Provided Equipment Planner*

"Providing Deployed Army Forces the Commodities They Require while Ensuring the Prudent Use of Scarce Transportation Resources."

The TPE Planner is a series of web-based modules that automates the process for the distribution, transfer, and retrograde of Non Mission Essential (NME) excess TPE from Southwest Asia (SWA).

- Automates the vetting process for theater redistribution/turn-in decisions for non-mission essential TPE
- Assists in improving velocity, synchronization and centralized visibility
- Provides Redistributable Property Assistance Team (RPAT) Yard equipment visibility and management capability
- Records and documents decisions/directives at all levels

Available Actions

Brigade Level
CORPS Separates
Country Level
Division Level
Division Level (SOCOM)
Field Support BDE (AFSB)
Field Support RPAT
LCMC Disposition Provider
LCMC Planner
Reclaim an Item
Theater Level
TPE Export—AWRDS Export
TPE Export— TC-AIMS II Export
TPE Export—TC-AIMS II Export Viewer

Available Reports

Country Report
Division Report
Equipment Pending MENS-E Disposition
Lateral Transfer/Turn in Directive
LCMC Report
Performance Metrics
RPAT Report
Strategic Level Metrics
Task Force List Viewer
Theater Report

Administrative Tasks

APS 5 Stockage Requirements List
Close Out Open Items
Create Form DD1348-1A
Critical Managed Items List
Critical Managed Items List (USFOR-A)
LCMC Standard TPE List
Left of RPAT Equipment List (USFOR-A)
Reconcile Items
RPAT Reassignment
SOCOM P2 P11 Equipment List
Task Force List Editor
TPE Document Number Input

Expediting TPE Disposition

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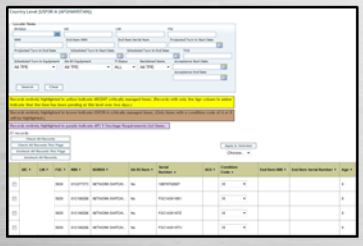
How Does the TPE Planner benefit the Warfighter?

- The TPE Planner provides property managers at the Division through Theater Level a real time view of equipment that is NME and available at their level for redistribution or retrograde.
- Managers can direct lateral transfers to a subordinate unit or pass the request to a higher echelon for instructions.
- Theater Property Book Teams and RPAT personnel use the Lateral Transfer/Turn in Directive to validate that equipment is approved for transfer or turn in prior to processing.
- Units print DD 1348-1A Turn in documents, with PBUSE document numbers, expediting the turn in process.
- TPE Planner auto-generates LCMC document numbers in the LCMC Disposition Provider, allowing the LCMCs to more easily import the data into LMP and process the release.

Vetting

Division

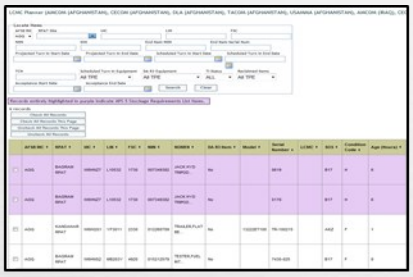
Country



Theater

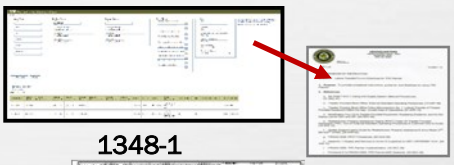
Disposition

LCMC Planner



LCMC Disposition Provider

Reports



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RPAT

Strategic Level Metrics

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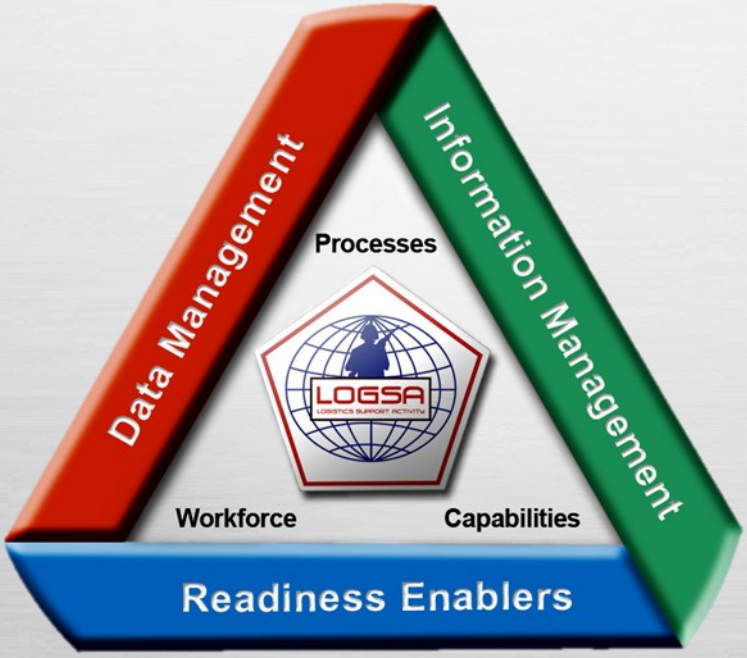
Vision

The Army's trusted source of logistical readiness solutions for tactical, operational and strategic customers

Mission

Improve Army Readiness through the integration of Data Management, Information Management, and Readiness Enablers in support of global Unified Land Operations



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LOGSA URL: https://www.logsa.army.mil
AMC LOGSA Knowledge Center: https://www.us.army.mil/suite/page/602625

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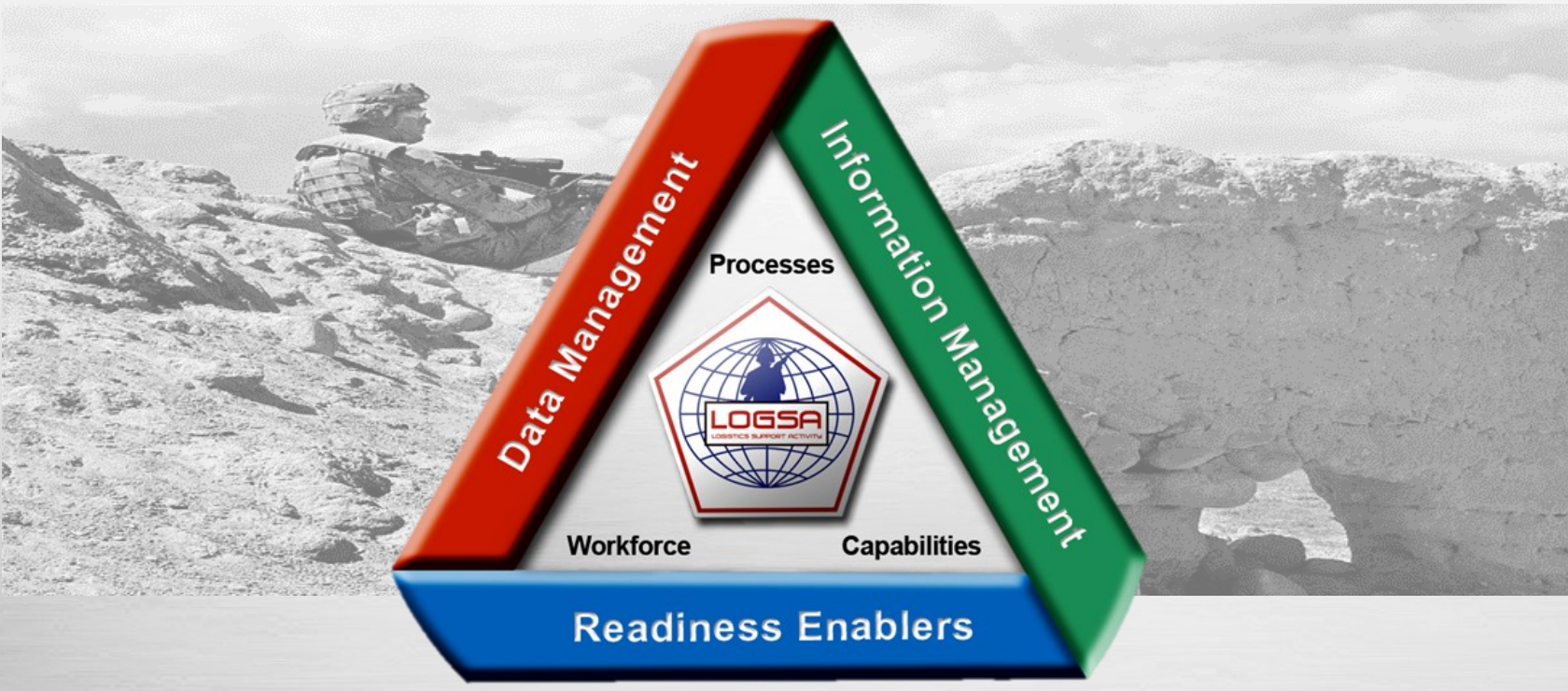

Supporting the Army's Readiness Posture

PROVIDING TRUSTED LOGISTICS READINESS SOLUTIONS