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USAMC Logistics Support Activity (LOGSA)

Mission
To Provide Logistics Information and Services to Enable Materiel Readiness Solutions and to Ensure Globally Dominant Land Force Capabilities

Vision
The Army’s Trusted Source of Readiness Information and Solutions To Sustain Current and Future Forces

CG, AMC Strategic Priorities
- Strategic Readiness: AMC Operationalizes its Essential Functions at the Tactical, Operational, and Strategic Levels to Assure Sustainable Readiness
- Future Force: AMC is Postured at Echelon to Synchronize and Integrate S&T and R&D to Defeat Any Adversary
- Soldiers and People: AMC Ensures Logistics Corps Soldiers and the Civilian Workforce are Trained and Ready to Execute Doctrinal and Directed Missions in Support of Army Priorities and Missions

CDR, LOGSA Priorities
- Track and Support Operational Units’ Readiness
- Deliver Predictive and Prescriptive Systems and Services that Enable Units
- Continue to Develop LOGSA Workforce for Changing Technology, Changing Army, and Changing World

Premier Logistics Support to the Army!
LOGSA’s Global Support

Office of the Secretary of Defense

- DoD Small Arms Registry
- Development of DoD Standards and Industry Standards
- Defense Packaging Policy Group-Army Representative
- Defense Standardization Program

Headquarters Department of the Army

- Decision Support Tool-Equipping Decisions for Brigade Combat Team Reorganization
- Monthly Readiness Reporting (Unit Status Report) for the Vice Chief of Staff of the Army
- Repository for all Electronic Technical Manuals
- Interface for all Legacy Supply Transactions between AMC/DLA/GSA and Field units
- Theater Provided Equipment - Equipment Retrograde Tool
- Item Unique Identification Warehouse - Serial Numbers for all Army Equipment
- Logistics Information Warehouse - Central Repository for non-ERP Data
- North Atlantic Treaty Organization Working Groups - Asset Tracking & Combat Service Support
- Army Packaging Policy Working Group Packaging and HAZMAT Policy
- Hazardous Material Packaging Working Group - Current Chair
- Army Shelf-life Focal Point
- Hazmat Focal Point and issuing authority for MILAIR waivers

Army Service Component Command/Army Command / Direct Reporting Units (DRUs)

- Army Readiness Common Operating Picture (AR-COP)
- Authorized Stockage List / Stockage Determination for 350 Supply Support Activities
- Legacy Data Conversion Assessments for Logistics Modernization Program (LMP) and Global Combat Support System-Army (GCSS-A)
- Post conversion Data Quality Audits for LMP
- PS Magazine
- Army Materiel Command Stock Readiness Program Responsible Office
- Packaging, storage, and containerization expertise
- Lead Service Testing for majority of packaging materials and processes

Assistant Secretary of the Army for Acquisitions, Logistics and Technology

- Master File Management - Critical for GCSS-A, LMP, and Army Enterprise Systems Integration Program (AESIP) to run the Enterprise Resource Planning
- Logistics Product Data Store - Critical for Program Managers (PM) and GCSS-A & LMP
- Operational Support Center
- Logistics and Acquisition Tools for Assistant Secretary of the Army (Acquisition, Logistics and Technology) and Program Executive Offices/PMs
- AIT acquisition/technical support to Automated Movement and Identification Solutions
LOGSA’s Army Airlift Clearance Authority monitors cargo offered for military air transport to ensure transportation assets are used efficiently and effectively and transportation dollars are spent prudently by shipping only the highest priority items by air.

AACA validates, challenges, and controls all Army-sponsored air eligible cargo IAW AR 59-3 (Movement of Army Cargo by Scheduled Military Airlift) and the Defense Transportation Regulation 4500.9–R, Part II, Cargo Movement.

Additionally, AACA requests and validates Special Assignment Airlift Missions for Army customers IAW AR 59-9 (Special Assignment Airlift Mission Requirements).

Since FY07, AACA has attained a cost avoidance of over $3.7B in Transportation Costs, with $106M in cost avoidance in FY17.

AACA has helped the Army avoid over 5000 C-5 / C-17 airlift missions since 2010.

PROVIDING DEPLOYED ARMY FORCES THE COMMODITIES THEY REQUIRE WHILE ENSURING THE PRUDENT USE OF SCARCE TRANSPORTATION RESOURCES
WHAT CARGO IS ELIGIBLE FOR AIR TRANSPORT?

Shipments are challenged or cleared for air or surface transportation based on criteria including:

- Class of Supply
- Transportation Costs
- Weight

Special Assignment Airlift Missions

On demand missions that require special pickup, airlift and/or delivery. Conditions requiring a Special Assignment Airlift Mission (SAAM) might involve outsized cargo, especially heavy cargo, sensitive cargo, or cargo requiring urgent movement.

Foreign Military Sales

Foreign Military Sales (FMS) shipments are cleared for air without challenge unless the shipment is Arms, Ammunition or Explosive (AA&E) or otherwise directed by the United States Security Assistance Command (USASAC) to move by surface transportation.
Army IUID Warehouse (AIW)

Application Overview

The Army Item Unique Identification (IUID) Warehouse (AIW) Serves as the Army’s IUID Registry and central repository for IUID information. It functions as the only Army data source that provides Enterprise-wide visibility of items required to be IUID marked within the Army’s inventory. This enables the Army to track items for improved operational, logistical, and financial accountability throughout the supply chain. AIW integrates IUID data amongst various systems to include: Global Combat Support System-Army (GCSS-A), Army War Reserve Deployment System (AWRDS), DoD IUID Registry data, Maintenance Consolidated Database Systems (MCDS), and Wide Area Work Flow (WAWF).

Why use IUID?

- Enables capability-based operational readiness
- Tracks, controls, and manages material throughout its total lifecycle
- Improves inventory management and strategic purchasing
- Enables clean audit/valuation
- Enables speedy and precise automatic data capture
- Improves Item availability
- Lowers life cycle management costs
- Improves property accountability
- Improves Inventory Management
- Manages historical data
ARMY IUID WAREHOUSE

Application Capabilities

The Army IUID Warehouse (AIW) provides users at the strategic, operational, and tactical levels with Army specific Item Unique Identification (IUID) reports that enable the user to run queries by a Equipment Detail Lists, AIW General Query or the Single Unique Item Identifier (UII) Query. Most importantly, this application provides users the ability to determine if their UII is registered within the DOD Registry.

Key Features of AIW

- Hourly data feeds from the DoD IUID Registry via Oracle to Oracle
- Visibility of all MCDS IUID/LCF data
- WAWF UII to NSN relationship data (via DoD IUID Registry feed)
- User submitted UII to SN/NSN relationship data via the AIW Upload Tool
- UIIs from GCSS-Army
- PBUSE updates the UII on Hand Receipts via AIW feed (based on SN/NSN match)
ARMY OIL ANALYSIS PROGRAM (AOAP)

LOGSA’s Army Oil Analysis Program (AOAP) is part of the Department of Defense (DoD) Condition Based Maintenance (CBM) effort. The AOAP provides maintenance and diagnostic condition monitoring support for all Army aircraft, watercraft, locomotive, and ground combat weapon systems.

AOAP serves as a maintenance diagnostic tool, supplementing the field's capability in detecting failures. It provides detailed analysis of engine, transmission, and hydraulic oils, enabling users to identify potential problems before a major repair is necessary. It utilizes non-destructive testing procedures to monitor the internal condition of engines, transmissions, gearboxes, and hydraulic systems.

By pinpointing problems early, oil analysis enhances flight safety, improves equipment readiness, extends component life, and reduces operating costs and maintenance downtime. This is accomplished through application of the on-condition oil change (OCOC) policy. Under the OCOC policy, maintenance activities only change oil when recommended by an AOAP laboratory.
AOAP LABORATORIES

CONUS Regional Labs:
- Texas (2)
- North Carolina
- Kentucky
- Colorado
- Alabama (3)
- Washington

OCONUS Regional Labs:
- Germany
- Korea
- Kuwait

Depot Quality Assurance Labs:
- Alabama
- Texas (2)

Each laboratory is equipped with a standard suite of state-of-the-art analytical instruments that connect to the AOAP’s Oil Analysis Standard Inter-service System (OASIS). OASIS transactions are processed through the Global Combat Support System-Army (GCSS-A) and stored in a centralized database. The data is used for:

- Life-Cycle Management
- Failure Trends
- Oil Consumption
- Weapon System Ownership

For Additional AOAP Information:
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The Army Readiness Common Operating Picture (AR-COP) is a series of web-enabled dashboards that play an integral role in Commanders and staffs ability to make effective, informed decisions based on actionable Logistics Data Analysis. AR-COP returns the Army to a single document of record. Each AR-COP Workbook, or dashboard, has an information dashboard that provides data sources, business rules, and key questions addressed by the dashboard. There are also walkthrough dashboards that instruct the user to enhance the AR-COP ease-of-use.

**AR-COP Provides:**

- Visibility of current and projected Fleet Readiness from the tactical level up to Total Army, with details down to the work order, parts and document number levels
- Visibility of equipment on hand against authorizations and status of Proposed Sourcing Decisions (PSDs)
- Monthly Supply Support Activity (SSA) and Supply Chain metrics
- Capacity and utilization metrics at the Logistics Readiness Centers (LRC) for maintenance activities, dining facilities and non-tactical vehicles (NTV) to allow leaders to make critical decisions to minimize costs and maximize resources to contribute to Army Readiness
AR-COP Key Capabilities

Maintenance and Readiness dashboards give visibility of current and projected Fleet Readiness from Tactical Units up to Total Army, with details down to the work order, parts and document number levels.

Equipping and Supply dashboards give visibility of equipment on hand against authorizations, status of Proposed Sourcing Decisions (PSD) from the Lead Materiel Integrator Decision Support Tool (LMI DST), and Supply metrics, to include Customer Wait Time (CWT) and Supply Support Activities (SSA) performance.

The Logistics Services workbooks cover capacity and utilization metrics at the Logistics Readiness Centers (LRC) for maintenance activities, dining facilities, and non-tactical vehicles (NTV) to allow leaders to make critical decisions to minimize costs and maximize resources to contribute to Army Readiness.
The CASA model is a Life Cycle Cost (LCC) / Total Ownership Cost (TOC) decision support tool. CASA can present the total cost of ownership depending on user selections which include the following: cost of RDT&E, acquisition/production, operating/support, and disposal.

CASA covers the entire life of the system, from its initial research costs to those associated with yearly maintenance, as well as spares, training costs, and other expenses.

CASA uses standard LCC/TOC and logistics equations for the computation of costs and resource requirements. It also enables optimization of spares allocation to be performed.

**CASA performs the following types of analysis:**

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

- Stand alone Windows program with a built-in Help File and User’s Manual
- Data can be imported or exported from CASA using Microsoft EXCEL
- CASA allows 1-10 levels of maintenance to be modeled and it can analyze up to 65,000 hardware items
- CASA also models various acquisition scenarios (new, mature, retro-fit) to effectively capture the analysts’ requirements.

Inputs
CASA employs approximately 82 algorithms with 190 variables. Only a small number of the inputs are mandatory. 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., Mean Time Between Failures, Mean Time to Repair, 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. The reports include:
- Total Life Cycle Costs
- Constant Dollar Yearly Costs
- Inflated Dollar Yearly Costs
- Operational Availability (Ao)
- LRU Spares Optimization
- Sensitivity Analysis
- Risk Analysis
- Maintenance Action Per Location
- System MTBF by Year
- Support Equipment Usage
- Operation and Support Cost by Line Replaceable Unit
- Input Data
- Comparison of Two CASA Files
- Summation of Two or More Files
- Net Present Value
What is COMPASS?

The Computerized Optimization Model for Predicting and Analyzing Support Structures (COMPASS) 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! In addition to Army users, COMPASS is used by other DoD services.

Who is COMPASS Designed for?

COMPASS was developed to facilitate Level of Repair Analysis (LORA) as required by DoD 5000.01. LORA results provide input to various Product Support Analysis activities as defined in TA-STD-0017 and the subsequent generation of Logistics Product Data for multiple Integrated Product Support Elements. Users include maintenance and logistics engineers, logisticians, maintenance planners, and OEMs for all branches of DoD.

COMPASS Can-Do!

COMPASS identifies the most economical maintenance levels to repair or discard an End Item, along with its Line Replaceable Unit and Shop Replaceable Units. COMPASS optimizes both the maintenance and support to achieve your target operational availability. 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 Maintenance Allocation Chart and Source, Maintenance, and Recoverability codes.
COMPASS Inputs & Outputs

Inputs

- Repair Echelon Information
- Target Operational Availability
- Item Information: Price, Weight, Mean Time Between Failure, Mean Time To Repair
- 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, Test Program, Contractor
- Maintenance & Replacement Task Distributions
- Miscellaneous Costs: Transportation, Cataloging, Requisition, Bin/Holding, Technical Documentation
- Sensitivity Analysis

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Department of Defense Activity Address Code (DODAAC) is a six position code that uniquely identifies a Department of Defense unit, activity, or organization that has the authority to requisition, contract for, receive, have custody of, issue, or ship DoD assets, or fund/pay bills for materials and/or services. The first position of the code designates the particular Service/Agency element of ownership. The codes are used across the entire Federal Government when ordering supplies from the supply system using MILSTRIP, FEDSTRIP, or DLMS procedures. When assigned for activities outside the Department of Defense, the codes are often referred to as AACs.

Army regulations state that DODAACs are maintained by the Army Central Service Point (ACSP) at the USAMC Logistics Support Activity. The ACSP maintains Army DODAACs in the Customer Vendor Master portion of the Army Enterprise Systems Integration Program Hub.
DODAAC Process in GCSS-Army

DODAACs are syndicated from the Army Enterprise Systems Integration Program (AESIP) to the Global Combat Support System-Army (GCSS-Army).

Once DODAACs are created in AESIP, the unit submits a help desk ticket in S4IF. This must include: Add Request Form, Load File and Wave 2 Templates.

DODAAC Addition Requests are routed to LOGSA. DODAAC Modification and Deletion Requests are routed to the Lead System Integrator (LSI).

Current "DODAAC Add" Business Process for GCSS-Army

*Unit Resource Manager’s (RM) Must Complete ZACCTASSIGN
LOGSA’s Department of Defense Activity Address Code (DODAAC) Readiness Analyzer (DRA) allows Logistics Information Warehouse (LIW) users the ability to determine if a unit’s DODAACs are in the Customer Vendor Master and configured to support their current operations. The application will provide a green, yellow, or red status per DODAAC which can be used to determine their 'DODAAC readiness' within their current posture.

The application allows for use of Defense Readiness Reporting System-Army, Global Force Management-Data Initiative, or Force Structures created in the Force Builder application to be loaded and used in the DODAAC Readiness Analyzer Application.

- DRA is located in the LIW “App Warehouse”
- Search for units/organizations by Unit Identification Code (UIC)/Derivative Unit Identification Code (DUIC) or by the Parent UIC
DODAAC Readiness Analyzer

Run the report against the UIC/DUIC set to get a current picture and health of your DODAACs

Review DODAACs, export results, or click on the DODAACs for details

Get details on the DODAACs, errors, and contact the DODAAC Coordinator through the application

usarmy.redstone.logsa.mbx.service-desk@mail.mil

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https://www.logsa.army.mil
The Lead Materiel Integrator Decision Support Tool (LMI DST) enables the Lead Materiel Integrator (LMI) and Stakeholders to efficiently manage Army equipment distribution and redistribution decisions in a common operating environment.

DST is the Army’s Enterprise-capable solution for Planning and Execution of the materiel distribution and redistribution processes. This unclassified, web-based, collaboration tool matches validated, prioritized equipment demands with available inventory in depots, units and other supply sources.

It also provides an advanced Course of Action (COA) capability to auto-optimize and input changes of Demand/Force Structure to determine future asset posture across the Army.

**Complete Army Asset Visibility:**
- DST consumes authoritative legacy and enterprise 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
- DST displays future fielding providing holistic EOH/Materiel projections

**For Distribution/Redistribution/Excess, DST enables:**
- Identification of excess/shortages across the Army
- Redistribution of excess property across all commands
- Depot level / New Production distributions
- Streamlining of disposition instructions
**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, Army priorities, and future force structure changes
- 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
- Enables the Lead Materiel Integrator and the entire materiel enterprise to plan and collaborate in a common environment via a web-based tool, available in LOGSA’s Logistics Information Warehouse.
- Quickly identifies divestiture items and excess equipment that could be used to fill current and future shortages
- Provides current and projected modernization levels across the enterprise
- Enables NIIN level Automatic Disposition for Turn-Ins
- Automates Execution Tracking for Lateral Transfers and Turn-ins to show directive completion
- Provides an unclassified view of current and future readiness via Unit Projection Function
- Provides Alert and Notification capability for enhanced user workflow

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**Inputs**

- Supply Sources over time
- Materiel Requirements over time
- Automatic Disposition Instructions

**What-IFS**

- COA Analysis/Auto Optimization
- Blue Sky Planning
- Divestiture Planner

**Outputs**

- Materiel Sourcing
- Asset Visibility & Unit/LIN Dashboard
- Unit Projection

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https://www.logsa.army.mil
LOGSA’s Expert ASL team provides a centralized, standardized and logical approach to demand planning and stockage requirements determination for tactical and non-tactical Supply Support Activities’ (SSA) Authorized Stockage Lists (ASL) to sustain the Army’s Readiness.

The team provides the following services:

- **Common ASL Establishment**: Implement and sustain the Common ASL for 33 BCTs IAW EXORD 193-17 and Command provided schedules to enable Readiness for a dominant Army land force while maintaining 100% mobility of the ASL.

- **ASL Review Support**: Provide consolidated ASL Data packages for use by the Accountable Officer during the ASL Review Board process for implementation into GCSS-A.

- **Excess Management**: Conduct Retention Level analyses for the Logistics Readiness Centers (LRC) to facilitate turn in, protection and/or redistribution of Army owned materiel stored at LRC SSAs to meet local and Army wide requirements.

- **Special Projects**: Develop ASL packages from scratch or augment an existing ASL in the theater of operation to support the ever changing mission requirements or newly fielded equipment.

- **Mentorship**: Work with Unit Accountable Officers, Installation Supply Representatives, and others as required to provide assistance with the ASL Review Process. Active duty Senior Warrant Officers provide mentorship from the perspective of someone who has worked/managed a Supply Support Activity.
ASL REVIEW

- To request an ASL Review, submit an “ASL Review Request Form” on the Team’s SKN site at https://www.us.army.mil/suite/page/620127
- Team members are available to provide support throughout the process from submission to closure
- Additionally, this site provides users the Standard Operating Procedures, Frequently Asked Questions, and POC information for the team
- For additional information, please contact the team at usarmy.redstone.logsa.mbx.asl@mail.mil

ASL Review Package Includes:
- Mission tailored ASL Recommendation
- Summary Report
- ASL Review Instructions
FINANCE REPORTS

LOGSA’s Finance Expected Credit Report and Purchase Request Return Report assist units and headquarters organizations with credit research and tracking of expected or missing credits in an effort to reconcile and re-coop funding owed and not properly processed.

**Finance Expected Credit Report**

**Purpose:**
To assist the logistics and finance community with tracking their material returns through the supply system in order to ensure correct credit is received

**Benefits:**
- Report enables end users to monitor turn in PR’s in order to ensure the correct issue document has been selected
- Aids in identifying PR’s that were not matched to the correct issue document in order to recover loss credit
- Uncovers unit-level training issues in processing Purchase Requests (material turn–ins)
- Simplified report utilized by finance and logistics communities to resolve credit mismatch concerns
- Reports can be saved and made public by each user
Purchase Request Return

Purpose:
To assist the logistics and finance community with tracking their material returns through the supply system through credit process

Benefits:
- Reviews all GCSS-Army Return Purchase Requests created over the last calendar year. Displays matching turn in documents and financial postings
- Report uncovers unit-level training issues in processing turn ins
- Reports can be saved and made public by each user
Logistics Product Data (LPD) Standards provide the required data definitions and analytical processes needed to develop a life cycle sustainment support strategy to support a military system. LOGSA develops and sustains two primary types of logistics support standards: Logistics Engineering Analytical Process Standards and Logistics Data Exchange Standards.

These documents should be used by every major military system to determine the complete life cycle sustainment plans and products to ensure readiness and an integrated approach to life cycle sustainment.

SAE TA-STD-0017 Product Support Analysis (PSA): Details the required support engineering analyses and processes needed to develop a complete product support strategy. This ensures a complete life cycle sustainment plan is developed in order to ensure weapon system readiness throughout the systems life. The output of these PSA activities is Logistics Product Data.

- **Companion Handbook:** MIL-HDBK-502A Product Support Analysis (PSA) - Provides guidance on how to perform and contract for Product Support Analysis in the DoD environment.

SAE GEIA-STD-0007 Logistics Product Data (LPD): Contains all contractual details of the LPD exchange requirements. It defines the data to be exchanged, including format and content. The standard uses XML as the primary exchange mechanism. This LPD is used to generate critical Support Products such as: Maintenance Plans, MACs, RPSTLs, BOMs, ETMs, etc.

- **Companion Handbook:** SAE GEIA-HB-0007 Logistics Product Data - provides guidance as to what data is contractually required to ensure a system is fully sustainable. It contains tailoring guidance and worksheets to assist in the proper acquisition of the data needed in order to generate critical Support Products.

- **Companion Handbook:** SAE TA-HB-0007-1 Logistics Product Data Reports - describes a set of documents generated using the data elements contained in the LPD standard. Many of the reports are used by the government to review the information being delivered by a contractor.

SAE AS1390 Level of Repair Analysis (LORA): Establishes the approved methodology to determine the most effective maintenance and support structure for a product.

- **Companion Handbook:** MIL-HDBK-1390 Level of Repair Analysis - provides guidance for the framework and descriptions governing the performance of LORA during a product’s lifecycle.
All DoD must leverage Product Support Analysis (PSA) and Logistics Product Data (LPD) by utilizing the process outlined below:

**Following this process will provide the following benefits:**

- Common processes and data across entire DoD Enterprise
- Established Product Support Analysis baselines for thru-life support
- Standardized, authoritative LPD delivered to Military Services for thru-life support
- Increased integration of data across the 12 IPS elements
- Improved Maintenance Planning and Product Support Strategies
- Greater ability to leverage the "Digital Thread" of Product Support information
- Tailored common process to produce common logistics products such as: Technical Publications, Provisioning Plans, Maintenance Plans, Training Materials, Authorization Lists, Parts Lists, Facilities plans, etc.
- Reduced logistics footprints through integrated support solutions

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LOGISTICS PRODUCT DATA STORE (LPDS)

The Logistics Product Data Store (LPDS) is the Army's central repository for Logistics Product Data (LPD). The LPDS provides for storing, viewing, and analyzing of the Integrated Product Support (IPS) data required to fully support systems throughout the Life Cycle.

Benefits to the Army:
- Allows use of current DoD and Industry Standards data format
- Satisfies DoD and Army supportability requirements. Complies with current Army regulations that cover logistics supportability planning, product support requirements, and centralizes data collection & archiving
- Complete Enterprise Life Cycle system perspective

Benefits to the PM
- Reduces data costs by collecting LPD across programs centrally
- Reduces PM storage, DoD Information Assurance Certification and Accreditation Process, and data management requirements
- Promotes compliance with current Department of Defense Directives and Department of Defense Instructions
- 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

Benefits to AMC
- Feeds and validates Bill of Materials for development of Equipment Master in GCSS-Army
- Enhances Property Accountability with authoritative component listings to Property Book Unit Supply Enhanced (PBUSE) / GCSS-Army
- Provides baseline data for Depot Maintenance Planning
- Supports the standardized Provisioning Processes (LSA-036 Report)
Logistics Product Data Store

**LPDS Provides:**

- An avenue for data flow from the PM/OEM/ARDEC all the way to the ERP and back
- An integrated store for files created using any of LOGSA’s Life Cycle Logistics Engineering Toolset (LCLET)
- The capability to store important Product Support documents such as the Life Cycle Sustainment Plan (LCSP), Test and Evaluation Master Plan (TEMP), Material Fielding Plan, and IUID Implementation Plan
- The ability to run numerous Logistics Support Analysis reports
LOGSA’s Master Data Research Cell (MDRC) is the Business Process Manager responsible for the Army Enterprise Material Master (AEMM) to facilitate data cataloging across the Enterprise. The MDRC enables:

- Army FEDLOG Data
- AEMM Data Accuracy
- Cataloging consumable Commercial Off the Shelf (COTS) materials
- Cataloging Sets, Kits, Outfits, and Tools (SKOT) Program materials
- Cataloging Basic Issue Items (BII), Additional Authorization List (AAL), and Components of End Item (COEI) Materials in support of Bill of Materials within the Global Combat Support System - Army (GCSS-Army)

The AEMM provides catalog data to Enterprise Systems including GCSS-Army, Global Fund Enterprise Business System (GFEBS), and the Logistics Modernization Program (LMP). It contains all catalog data including both Standard and non-Standard materials.

- Standard Materials
  - Cataloged in Federal Logistics Information System (FLIS) with National Stock Number (NSN)
  - Managed by the U.S. Army

- Non-Standard Materials
  - Cataloged in FLIS with NSN
  - Not Managed by the U.S. Army

- Commercial Off the Shelf (COTS) Materials
**Benefits to the Warfighter**

**Master Data Research Cell Benefits:**

- Provides a single trusted source of master data
- Simultaneously supports ERP and Non-ERP systems
- Improves the accuracy of data
- Provides near real-time updates
- Improves business processes across systems
- Provides the capability for each member of the logistics community to request the creation, deletion or change of a catalog record
- Centralizes the cataloging process
- Facilitates the migration from Non-ERP Systems to the Enterprise
- Provides catalog record visibility with all Trading Partners
PowerLOGJ-2 assists government agencies in developing and integrating their supportability analysis data bases. The primary purpose of this tool is Acquisition Logistics Data Management, including data cleansing and logistics product development.

PowerLOGJ-2 is an acquisition logistics data management tool that satisfies requirements for the Logistics Management Information (LMI) and Logistics Support Analysis Record (LSAR). It can be used to develop, evaluate, review, and integrate logistics data for materiel systems and generate logistics support summaries such as the Repair Parts and Special Tools Lists (RPSTL), Maintenance Allocation Chart (MAC), Task Analysis, Provisioning Technical Documentation, Bill of Materials, Failure Modes Effects and Criticality Analysis and more! All reports have HTML and PDF outputs.

**PowerLOGJ Benefits**

- **Legacy Data Conversion** - converts legacy data formats to relational database tables and modern data standards. This cuts down on redundancy of data and also allows the relationships to be readily identified. PowerLOGJ can convert the MIL-STD-1552 (PMR data); MIL-STD-1388-2A LSA-036; and MIL-STD-1388-2B LSA-036 legacy data formats.

- **Data Cleansing** - contains dozens of edits created specifically for the supply community, to assist in the data clean up effort. The legacy data conversion to relational tables, utilities, and ad hoc queries also assist in improving the data accuracy and quality.

- **Integrated Logistics Data** - allows all Integrated Logistics Support (ILS) processes to work off one database, decreasing the duplication of data.

- **Standard Delivery Format** - allows all government agencies and their contractors the capability to deliver and receive logistics data in a standardized format.

- **Weapon System Viewpoint** - assists in the creation of a Bill of Materials and to visualize a system architecture for LMP.
**POWERLOGJ-2**

**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
- Data Relationships Readily Identified
- Summary Wizards
- 100 Provisioning Audits
- 39 Audits
- Multi-user Collaboration

**Utilities**
- Robust Help Center, 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)

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

* Includes the ability to load change files

PowerLOGJ is available at no cost to all government personnel and their contractors. Foreign governments and contractors are required to work a Foreign Military Sales case in order to use PowerLOGJ.

✉️ usarmy.redstone.logsa.mbx.service-desk@mail.mil
📞 Toll Free: 1-866-211-3367  Commercial: 256-955-7716
🌐 https://www.logsa.army.mil
LOGSA’s Packaging, Storage, and Containerization Center (PSCC) operates the DoD’s largest packaging applications testing facility. PSCC provides worldwide technical and specialized staff assistance in the following areas: Packaging and packaging testing, hazardous materials (HAZMAT) storage and transportation, shelf-life, Automatic Identification Technology (AIT), domestic and international standardization, and storage and distribution optimization.

PSCC provides workshops focused on item protection and Care of Supplies in Storage (COSIS). Asset Protection and other 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
- Guidance on proper COSIS to ensure materiel is in proper storage and is maintained in ready-for-issue condition through inspection and actions taken to restore/remediate packaging

Additionally, PSCC provides engineering consultant services for the optimization of distribution, storage, and materials handling operations within Army and DoD to include:

- Designing operations layouts for storage areas, packaging operations, hazardous materials (HAZMAT) storage facilities, receiving/shipping operations, and related areas
- Calculating space requirements of supply operations for new or existing facilities
- Determining equipment requirements including storage aids, materials handling equipment (MHE), and packaging equipment
- Developing re-warehousing plans and providing implementation guidance
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
- Serves as the point of contact for all regulatory relief including Department of Transportation Special Permits, Competent Authority Approvals, Military Air Waivers, and Certificates of Equivalency
- Serves as 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
- Serves as 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 pre-deployment assistance visits to help ensure units’ HAZMAT shipments are prepared properly for all modes of transportation required for the deployment
- Provides HAZMAT training recertification extensions as authorized by the Defense Transportation Regulation and TM 38-250, Preparing Hazardous Materials for Military Air Shipments
PS MAGAZINE

PS MAGAZINE MOBILE APP

- Monthly Edition of PS Magazine
- Available on Apple and Android Devices
- Videos and PDF files to assist Soldiers in the field
- Hot topics posted within days!

Features Include:
- Increases reach to mobile phone and tablet audiences
- Same look and feel on mobile phones and tablets
- Engaging slide shows, audio, video, 360-degree rotation, pan and zoom, hyperlinks, and animation
- Continuous Publishing
- Live links to Army videos and applicable Army maintenance & supply content

Future Capabilities:
- Ability to provide push notifications and in-app messages
- Sharing of articles
- Access to social media apps such as: Email, Twitter, and Facebook
- Search & Bookmark feature for PS articles on the Mobile App

Apple iOS

Google android
PS IS ON THE WEB!

PS Magazine is on the Web at:
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You will find subscription information, an e-mail message connection, complete issues for downloading electronic archives of all PS articles published since January 1990, a comprehensive index, plus a search engine.

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Toll Free: 1-866-211-3367  Commercial: 256-955-7716
https://www.logsa.army.mil
What are PTILs? Publications Tailored Index Listings (PTILs) are reports that list all Army Materiel Command technical equipment publications (eg. Tech Manuals, Tech Bulletins, Modification Work Orders, etc.) required to inventory, operate and maintain your authorized equipment to ensure Army Readiness.

PTILs are based on the following information: Data in LOGSA’s Equipment Oriented Publications Database, MTOE/TDA authorizations, Registered Unit Identification Codes (UICs), and Maintenance levels/capabilities.

Each PTIL report consists of three individual lists:

- One sorted by Publication Number (_Pub)
- One sorted by Line Item Number (_LIN)
- List of Rejected LINs (_Rej); which means no publications are associated with that specific LIN

When & Why do I need a PTIL?

- To establish and sustain an up to date technical equipment publications library
- For equipment inventory since TMs are part of Basic Issue Items (BII)
- Before, during and after deployments to enable readiness
- Change of Command and other inspections
To Request PTILs from LOGSA:

Using your official DoD enterprise email, send your request to the team at: usarmy.redstone.logsa.mbx.eopdb@mail.mil

Be sure to include the following information:

- Registered Unit Identification Code (UIC)
- Maintenance Levels required
- Name, Rank, Phone, Unit Name, and Address

**NOTE:** When specifically requested, LOGSA can create PTILs based on customer provided LINs and generate reports in spreadsheet format.

To Run PTILs From LOGSA’s Website:

1. Log into the LIW Portal at “https://liw.logsa.army.mil”
2. Select “ETM/IETM” from the App Warehouse
3. Select “PTIL”
4. Select “PTIL Information” to display step-by-step instructions on how to use the PTIL application.
The System Planning and Requirement Software (SYSPARS) tool is a document generation assistant designed for program management personnel and product support managers responsible for system acquisition planning and execution. It provides a user-friendly environment to author and staff various kinds of program planning documents and is available to the Department of Defense system acquisition community. SYSPARS document generation includes, but is not limited to, the Life Cycle Sustainment Plan, Item Unique Identification, Test and Evaluation Master Plan, System Engineering Plan, Systems Engineering Process, and Business Case Analysis.

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, in addition to 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, procedures, lessons learned, 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 SYSPARS PROCESS

Policy and Regulation
- Latest policy implemented into SYSPARS
- Expert Authority Tests and approves SYSPARS documents

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

User
- Inputs specific knowledge into SYSPARS

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

Contact Information:
- usarmy.redstone.logsa.mbx.service-desk@mail.mil
- Toll Free: 1-866-211-3367  Commercial: 256-955-7716
- https://www.logsa.army.mil
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.

- Automates the vetting process for theater redistribution/turn-in decisions for non-mission essential TPE
- Assists in improving velocity, synchronization, and centralized visibility
- Provides Redistribution Property Assistance Team (RPAT) 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
**Benefits to 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 GCSS-Army 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.
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LOGSA Contact Information

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LOGISTICS SUPPORT ACTIVITY PROVIDES LOGISTICS INFORMATION AND SERVICES TO ENABLE MATERIEL READINESS SOLUTIONS TO ENSURE GLOBALLY DOMINANT LAND FORCE CAPABILITIES