



Logistics Product Data (LPD) Overview Course

The **LPD Overview Course** is designed to provide the experienced logistician and supportability professionals with an in depth understanding of the concepts, principles and current reference standards which guide Product Support Analysis (PSA) and LPD development, contracting, use and sustainment throughout the life cycle.

WHAT YOU'LL GAIN

Upon completion, participants will be able to:

- Understand the use, application and differences of Supportability Standards including the past MILSTD-1388 and the new standards (GEIA-STD-0007/0017, MIL-STD-1388-2B, SAE GEIA-STD-0007-B, SAE TA-HB-0007-1, SAE GEIA-HB-0007, SAE TA-STD-0017).
- Understand some of the various LPD reports, their uses and how to review them
- Understand and justify the requirements for PSA & LPD throughout the Life Cycle
- How to contract for LPD
- An introduction to some of the LPD tools currently available today

WHO BENEFITS

This course is designed for mid-level professionals with experience in PSA, Logistics Support Analysis (LSA), maintenance planning and/or supportability experience but provides benefit to anyone involved in supportability analysis from entry level to subject matter experts.

- The course will provide useful information for all levels of experienced logisticians on the new SAE SMC LCLS (GEIA/TA) standards including insight into enhancements in the upcoming Rev C version.

NOTE: This course can be custom tailored to meet your company's

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LPD Overview Course

This course provides 4-days of classroom instruction for a total of 32 training hours. The course incorporates instruction, demonstrations and discussions supported by real world lessons learned and includes: Training materials, Lectures, supported by on-screen presentations, demonstrations, large group discussions, reference library of useful information and data.

This modular course has six instructional modules of varying lengths beginning with the introduction to PSA and LPD and progresses through the remaining modules to provide a solid foundation of knowledge in today's current developments and requirements for Logistics Product Data. The course curriculum is provided below:

Module 1: LPD & PSA Introduction:

- Definition of LPD
- Purpose/usage of LPD
- Definition of PSA
- Evolution of LSA/LPD
- PSA overview
- PSA in acquisition
- The six PSA activities
- The breakdown of the thirteen PSA activities
- PSA activity drill down example

Module 2: Definitions of LPD Data Entities & Elements

- Introduction to LPD documentation
- Data entities' interrelationships
- Relational data entity elements

Module 3: LPD Data and Output Reports

LPD Candidate Definition

- Logistics Control Number (LCN) and LCN structure
- Task codes
- Task analysis
- Overview of LPD reports and comparison from 1388-2B to current standard
- LSA/LPD Report 019 task analysis report overview, entities, DEDs and review processes
- LSA/LPD Report 024 maintenance plan report overview, entities, DEDs and review processes
- LSA/LPD Report 080 Bill Of Materials (BOM) report overview, entities, DEDs and review processes

Module 4: LPD in the Life Cycle Sustainment Process

- The need for LPD sustainment throughout the life cycle
- PSA & LPD sustainment processes
- Justification for sustainment of the LPD database
- LPD in sustainment process planning
- LPD field feedback
- PSA processes that drive LPD data
- Monitoring effectiveness (Metrics) of the support system
- Updating LPD throughout sustainment
- LPD sustainment considerations

Module 5: Contracting for Logistics Product Data (LPD)

- Acquisition phases and LPD products
- Contracting process flow
- Contracting documentation
- ACT tool demo

Module 6: LPD Software Applications

- LPD Development Software Tools by ASI
 - ASI ACT
 - LCMP
- LPD Development Software Tools by LOGSA
 - PowerLog2
- LPD Development Software Tools by ISS
 - SLICWAVE
- LPD Development Software Tools by Raytheon
 - Eagle
- LPD Development Software Tools by Pennant
 - OmegaPS Suite
- Other specialized types of LPD supporting software applications

