

# TLDD

# Tactical Logistics Data Digitization

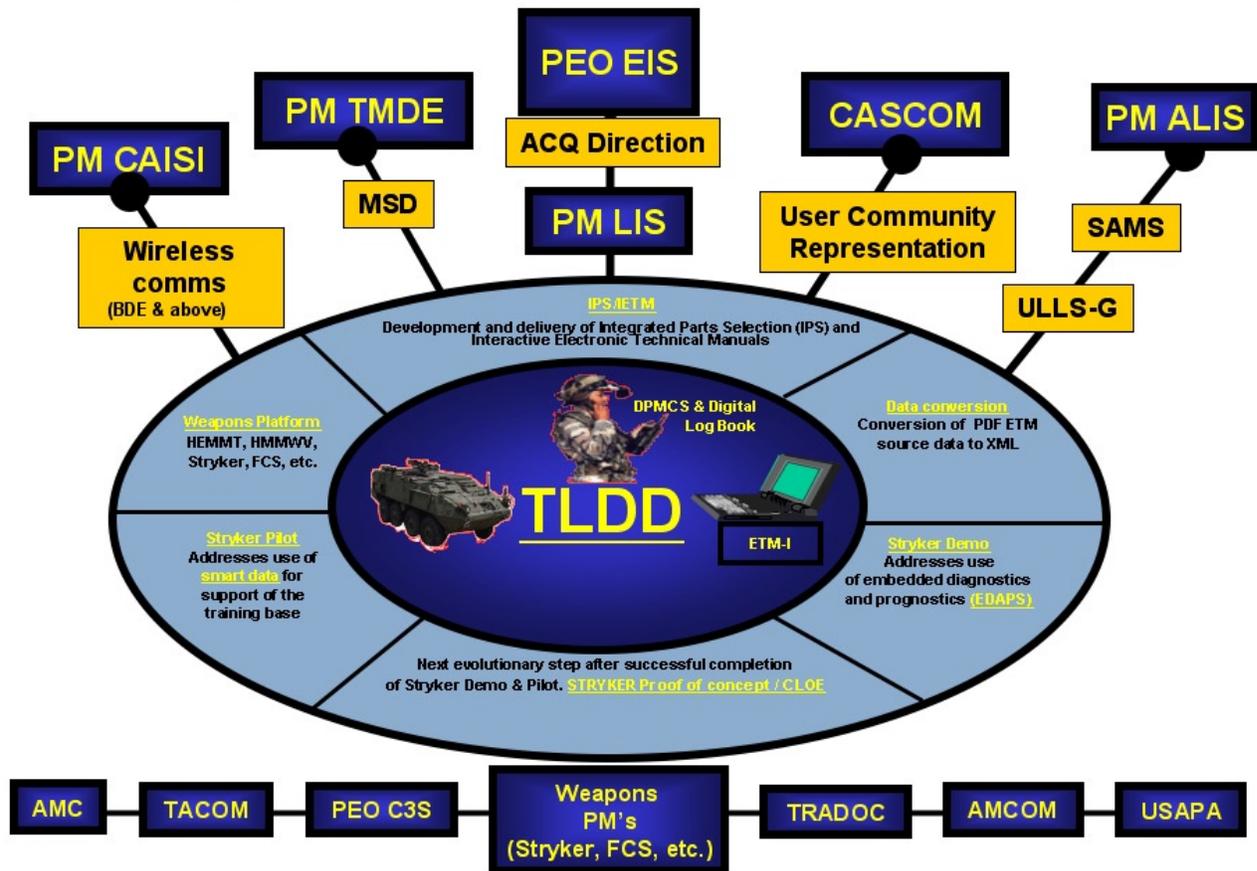
## TLDD Overview

The mission of the Tactical Logistics Data Digitization (TLDD) Project is to provide Army equipment operators rapid digital access to technical data on the Battlefield, at the motor pool, and at the schoolhouse. By ensuring the integrity and accuracy of the data required in the parts ordering process TLDD will facilitate a significant reduction in operator ordering errors. Those errors to date have accounted for an estimated \$77 million DoD wide. TLDD makes it possible to get the right materiel delivered to the right place in the right time and does so in part by providing Integrated Parts Selection (IPS) or what is commonly referred to as "point & click" capability to both maintainers and operators on any number of weapons platforms.

This is accomplished via the Electronic Technical Manual Interface (ETM-I) application, which confirms data input against updated FEDLOG data to ensure accuracy, and has a unique ability to interface with the legacy STAMIS applications ULLS-G and SAMS, so that the verified data remains consistent as it is submitted through the system. Digital Log-Book (DLB) and Digital Preventive Maintenance Checks and Services (DPMCS), additional capabilities of the TLDD solution, allow maintainers to expeditiously move repair parts requests, service data updates, and digitized PMCS data at near real-time speeds never before accomplished. Add to this the system's ability to check and confirm the status of the ordered parts, and the logistics transformation enabler for the maintainer and management level logistician is complete in the TLDD solution.

## TLDD...The Complete Picture

### Integrated Initiatives, Synchronization & Stakeholders



## ETM-I

The Electronic Technical Manual Interface application is software between the Unit Level Logistics System-Ground (ULLS-G), Standard Army Maintenance System (SAMS), Electronic Technical Manuals (ETMs) and Interactive-ETMs (IETMs). It enables Army mechanics to input maintenance faults and identify required repair parts from the ETM, as well as automated transmission of parts requests and maintenance information. ETM-I will reduce clerical errors, support 5988-E updates, stream-line the unit requisition process, and decrease fault entry time. ETM-I can be hosted on the MSD, SPORT, or COTS laptop.

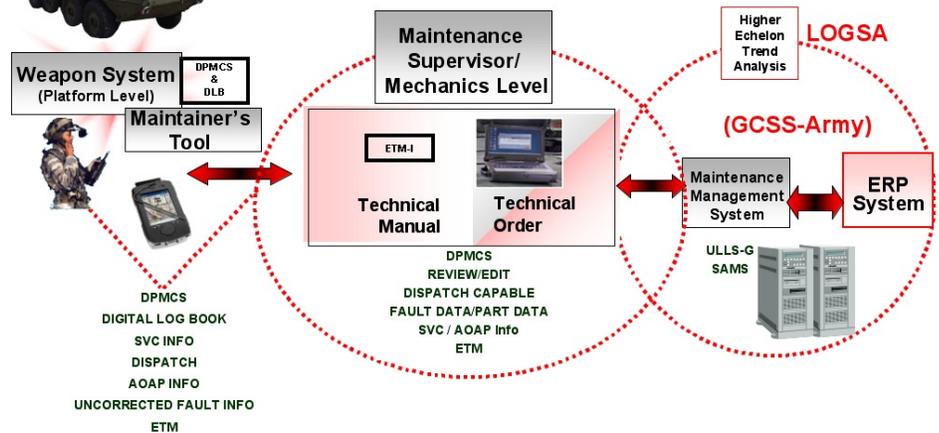
## DLB

The Digital Log Book provides an efficient capability to electronically dispatch equipment at the platoon supervisor level with a hand-held Personal Digital Assistant (PDA) being the official dispatch record. DLB can also display the latest Oil Analysis Program information on the PDA.

## DPMCS

Digital Preventive Maintenance Checks and Services (DPMCS) electronically records & transmits PMCS results and maintenance records. The DPMCS is used by the operator and automates the preventive maintenance checks and services process. It provides efficiencies and resource savings by improving data accuracy and timeliness, and reducing clerical error. Through the use of hand-held Personal Digital Assistants (PDA's), DPMCS facilitates crew level PMCS operations in a digital environment. It will significantly reduce the time to complete PMCS, will increase situational awareness (equipment health/readiness), and enable transmission of PMCS to the Combat Repair Team (CRT) and STAMIS from anywhere in battlespace.

## Materiel Concept



Project Manager Logistics  
Information Systems (LIS)  
COL David Coker, QM

Assistant Project Manager TLDD  
MAJ Joseph Jefferson

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DEPT OF THE ARMY  
PROJECT MANAGER TLDD  
ATTN: SFAE-PS-RS-TLD  
Building 2700, Room 1B410  
Fort Monmouth, NJ 07703

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TEL: COMM: 732-427-8354  
DSN: 987-8354  
FAX: COMM: 732-532-8965  
DSN: 992-8965

[www.pmlis.lee.army.mil](http://www.pmlis.lee.army.mil)  
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