

**2026
DEFENSE HEALTH INFORMATION
TECHNOLOGY SYMPOSIUM**

**AUGUST 11-13, 2026
HYATT REGENCY NEW ORLEANS
NEW ORLEANS, LA**

LogiCole: Delivering Capabilities for the Warfighter

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Ms. Donna Totten

Mr. Bobby Hill

Mr. Jason Miller

Mr. Jimmy Flanders, MBA, PMP



Purpose and Agenda

Purpose: To provide an overview of the Defense Medical Logistics Enterprise Solution (DML-ES) Program and the technical refresh to the LogiCole application with a panel discussion.

- 1** DML-ES Overview and Capabilities
- 2** DML-ES Applications: The Big Picture
- 3** Technical Decline of Legacy
- 4** Roadmap to Deliver LogiCole
- 5** Minimum Viable Capability (MVC): Getting LogiCole to the Warfighter

Speaker Introduction



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Learning Objectives

- 1** Describe the opportunity to reduce variance of clinical products and medical logistics processes through LogiCole using the Minimum Viable Capability (MVC) approach.
- 2** Recognize LogiCole's ability to strengthen clinically-linked and relevant data with MHS GENESIS.
- 3** Discuss possibilities to improve the clinical integration of the supply chain by leveraging the capabilities of LogiCole.

Problem: Reached a critical point in Legacy (DMLSS) sustainment requiring mitigation of increased risk in supporting DHA's logistics operations and the Warfighter due to the talent and technology decline

Solution: Finish technical refresh of the legacy by transitioning to a single-instance, cloud-hosted, modern application (LogiCole) providing a data-driven, enterprise view of medical logistics support to the Warfighter

Call to Action: Challenge is to understand the LogiCole MVC implementation as an accelerated, innovative approach for bringing a modern Military Health System (MHS) enabler to the healthcare supply chain, positively impacting the health, lethality, and deployability of the Warfighter

Panel Discussion

- LogiCole MVC and Full Operational Capability (FOC)
- Integrated Information Technology (IT) and Training Development and Delivery
- Value Points of MVCs
- Questions and Discussion

DML-ES Overview (1 of 2)

Program Description

- Single MHS medical logistics (MEDLOG) IT acquisition program
- Supports Military Services, Defense Health Agency, Department of Veterans Affairs, and other federal agencies with integrated business capabilities
- Transitions legacy applications such as Defense Medical Logistics Standard Support (DMLSS), Theater Enterprise-Wide Logistics System (TEWLS), Narcotics Ordering Review and Approval (NORA), and Joint Medical Asset Repository (JMAR) via technical refresh to LogiCole
 - Moves away from location-centric model to a single-instance, cloud-hosted, modern application
 - Allows users to access and employ MEDLOG enterprise standard integrated capabilities and information sources

DML-ES Overview (2 of 2)

Key Capabilities Supported by DML-ES



Assistant Director for Research,
Development & Acquisition (AD-RDA)

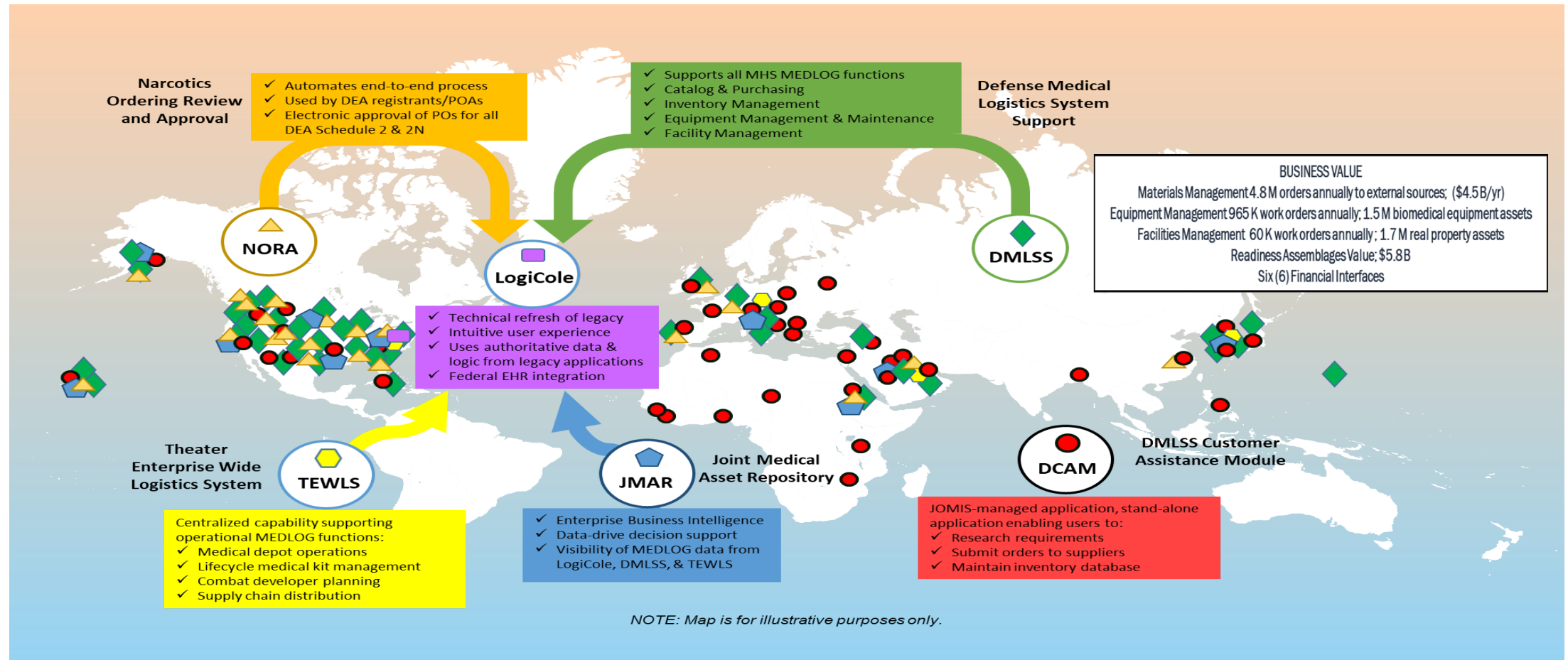
Programmatic and Technical

MEDLOG IT PMO
LogiCole

Functional

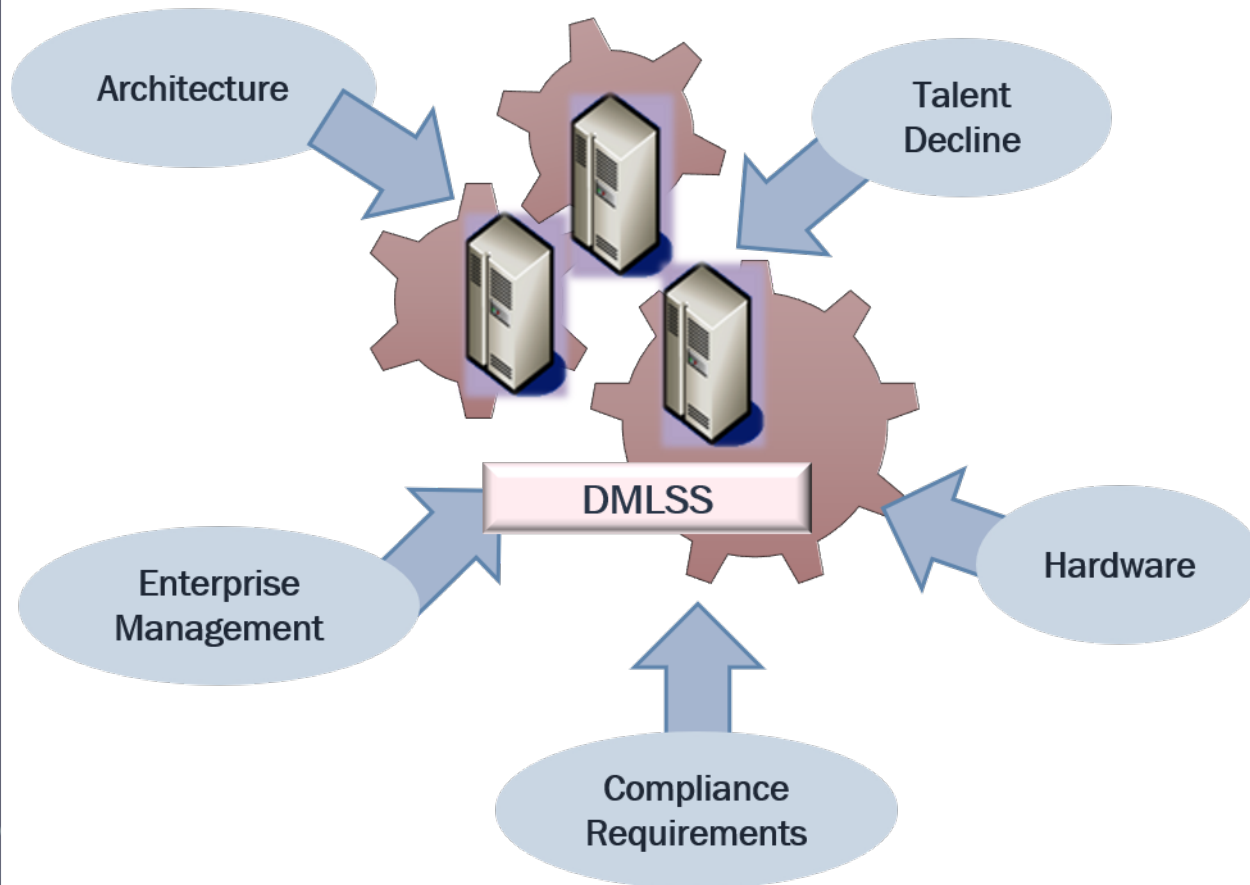


DML-ES Applications: The Big Picture



Technical Decline of Legacy (DMLSS)

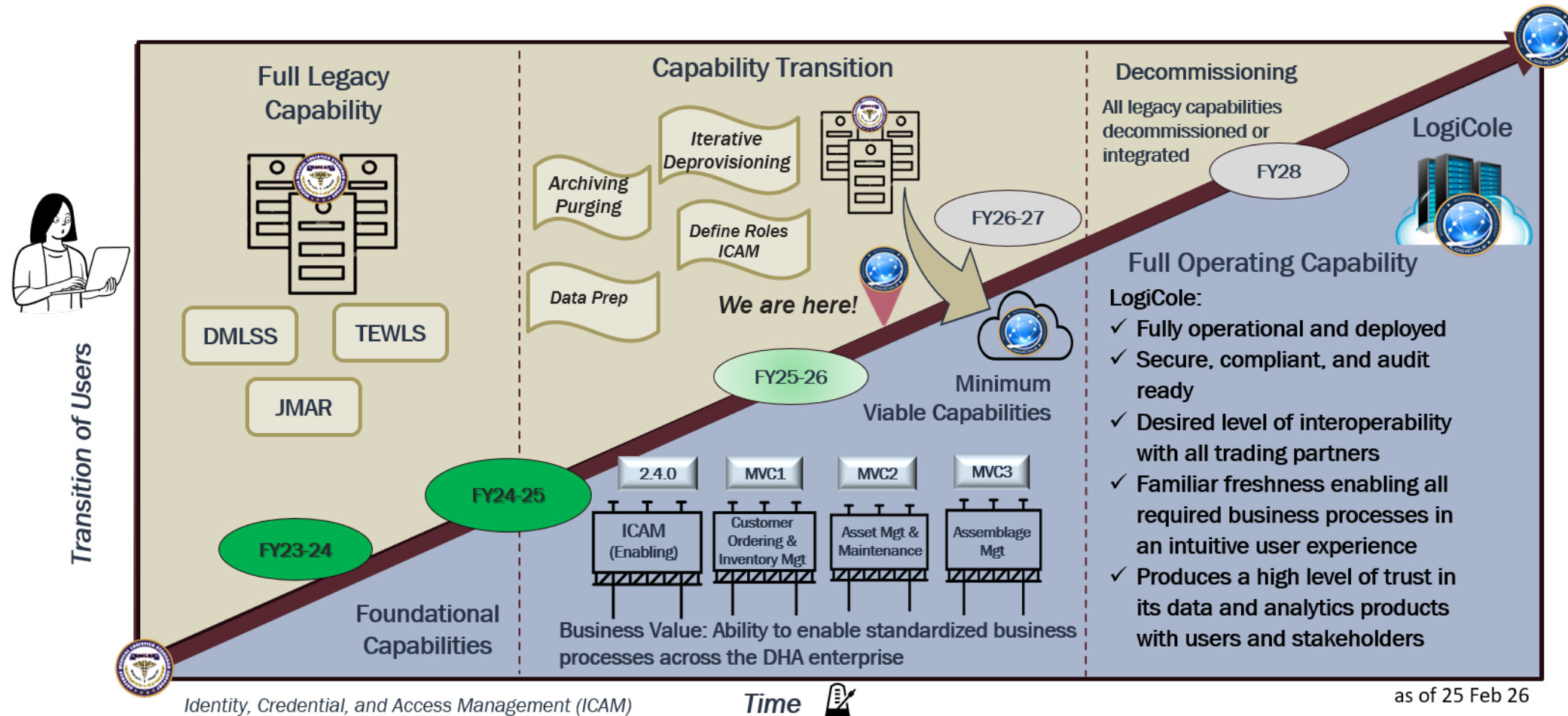
Pressures of Impending Risk



- **Talent Decline** – DMLSS built on antiquated languages (PowerBuilder and C+) with limited developer availability
- **Architecture** – Limited availability of software to support the DMLSS client/server configuration; limited performance with distance servers; high level of manual code review in PowerBuilder
- **Hardware** – Current Dell servers at life expectancy (operational in 2020/2021) with a 12-month hardware refresh rollout required
- **DHA Enterprise Management** – Current cumbersome, inefficient process requires management of 172 independent instances via tools such as JMAR, Application Virtualization Hosting Environment and underscore accounts
- **Compliance Requirements** – Continue to grow for DMLSS due to DoD pursuit of a clean audit opinion in 2027

Bottom line: Due to talent and technology decline, MEDLOG IT PMO is at a critical point in Legacy sustainment, facing increased risk in supporting DHA's business operations. The MVC approach to realizing LogiCole offers the best approach to mitigate risk.

Roadmap to Deliver LogiCole



MVCs: Getting LogiCole to the Warfighter

Minimum Viable Capability (MVC)	MVC Implementation Start/End	Impacted DMLSS User Base	Capability Value Points	Examples of Enabled Efficiencies
MVC 1 Customer Ordering and Inventory Management	May to September 2026	Customer Area Inventory Module (CAIM)	- Standardized Customer ID - Standardized Product Standardized Jobs/Roles	- Track expense trends at the clinic level - Increase confidence in product selection and buying power - Eliminate all audit findings related to access management
MVC 2 Asset Management and Maintenance	February to November 2027	Equipment Management (EM) Equipment Maintenance (MA) Facility Management (FM)	- Standard Maintenance Processes - Enhanced Reporting & Analytics - Simplified Compliance	- Reduce training & increase operational clarity - Enterprise equipment condition, utilization, & forecasting - Eliminate need to manually curate and consolidate from various sources
MVC 3 Assemblage Management	May to November 2027	Assemblage Management (AM)	- Increased Inventory Visibility & Sourcing - Unified Processes Authoritative Data Management	- NSN alignment to EPI with commercial sourcing & Enterprise priority allocation - Reduce variance in crisis response across Service, Reserves, DHA - Critical inventory identified at Enterprise level
FOC Full Operating Capability	November 2027 to DMLSS Decommission no later than May 2028	Inventory Management (IM) CAIM Source of Supply (SOS) Finance (FI) System Administration (SA) System Services (SS)	- Point of Use (POU) interface consolidation 508 Conformance - Alignment to NARA data retention standards	- Enable agnostic POU exchanges, optimizing communication with LogiCole - Increasing accessibility to broaden the talent pool - Cost avoidance on data storage and application performance

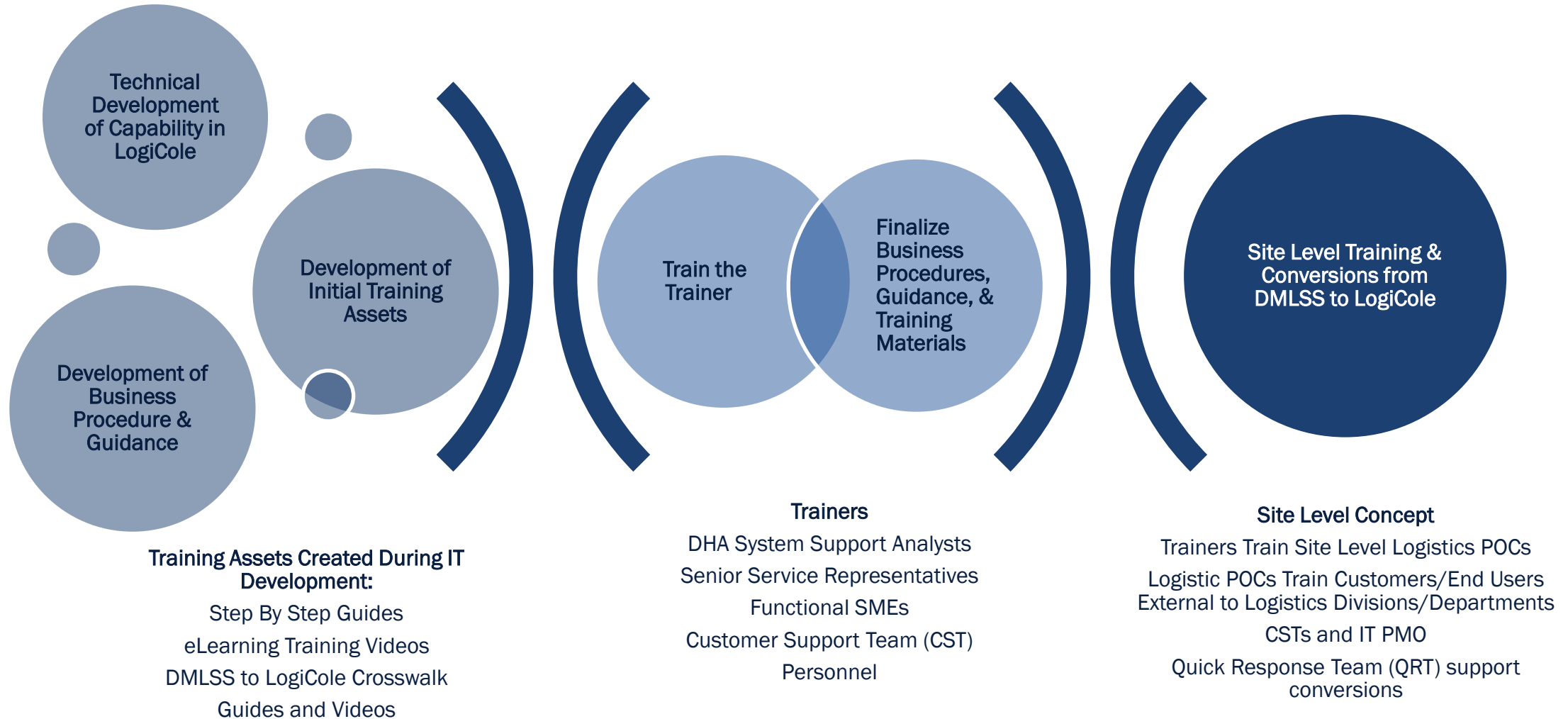
Panel



LogiCole MVC & FOC Transition Timeline



Integrated IT and Training Development and Delivery



Value Points of Minimum Viable Capabilities

MVCs allow customer communities to transition replenishment and management of stock; management of medical devices, technology, and facilities; and lifecycle management of assemblages from DMLSS to LogiCole. Each MVC brings three (3) specific points of value to MEDLOG lines of business:

Value Point	MVC 1 Customer Ordering and Inventory Mgt	MVC 2 Asset Management and Maintenance	MVC 3 Assemblage Management
1	Implements standardized customer-level ordering and inventory management business processes across all medical treatment facilities	Leverages the strengths of the legacy DMLSS system. Our goal for Asset and Management & Maintenance is to create a web-based, cloud-hosted, and fiscally compliant application that provides a more intuitive, efficient, and performant user experience	Centralized system that provides the ability for users, with appropriate permissions, to see all assemblage information at all nodes below them in one view
2	Assigns every DHA medical treatment facilities customer account a standardized, unique account number founded in authoritative MEPRS codes data	Efficient, single business process for managing scheduled and unscheduled maintenance for all equipment types in medical facilities providing the opportunity to standardize processes across the enterprise	Integrated Catalog, Finance, HTM data puts critical information directly on the assemblage screens so users have business details without changing modules
3	Assigns an EPI to all products based on curated data, enabling enterprise-wide product identification and providing clinically-relevant data attributes from authoritative sources	Ability to conduct primary reporting analytics while in LogiCole leveraging improved authoritative, derived, curated and referential data providing improved analytics and presentations for leaders and users to inform decisions	Enhanced User Experience with new capabilities not found on Legacy applications: communication with sites via dashboards, on-screen alerts for allowance updates, and in-line Asset Review during the Replenishment process

Key Takeaways

- LogiCole provides an opportunity to reduce variance with products and processes across DHA by leveraging authoritative, derived, curated, substituted, and referential data.
- LogiCole provides a clinical data linkage to MHS GENESIS by leveraging product data from authoritative sources provided to the MHS GENESIS item master.
- LogiCole provides the possibility for improved clinical integration of the supply chain by using informed data with opportunities for policies to standardize product selection across lines of care.
- LogiCole will be a key enabler for future enterprise asset visibility and decision support.

References

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Thank You!



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