

Warehouse Management System Modernization Project

**Kim Pisall,
Program Manager,
Distribution
Modernization Program,
Defense Logistics Agency**





DEFENSE LOGISTICS AGENCY

AMERICA'S COMBAT LOGISTICS SUPPORT AGENCY



Warehouse Management System (WMS) Overview for SAP Future of Innovation Conference

October 2018



WARFIGHTER FIRST
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Agenda

- Distribution Modernization Vision & Projects
- Warehouse Management System (WMS)
- Approach – Agile
- Partnership with USTRANSCOM
- Summary





Distribution Modernization Vision & Projects



Vision: Add significant business value by automating and modernizing distribution & disposition to improve operations and reduce cost



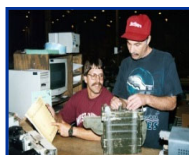
Wireless Warehouses / Printers / Tablets / Voice Pick

- Provide comprehensive wireless access and tools to enable efficiency on the floor



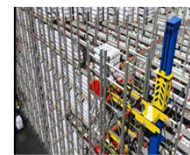
Logistics Modernization and Implementation Support (LMIS)

- Design, install and integrate advanced industrial automation
- **First project: Eastern Distribution Center (EDC)**



Next Gen Performance Management Tool

- Production and Productivity measurement and management



Robotics Exploration

- Explore industrial grade automation solutions



Warehouse Management System (WMS)

- Enhance warehouse management to provide simplified distribution, storage & transportation processes



Real-Time Location System (RTLS)

- Instrument small arms, pilfer able, classified, and capital equipment to track movement



Warehouse Management System (WMS)

MONTHLY SPRINTS

CAPABILITIES

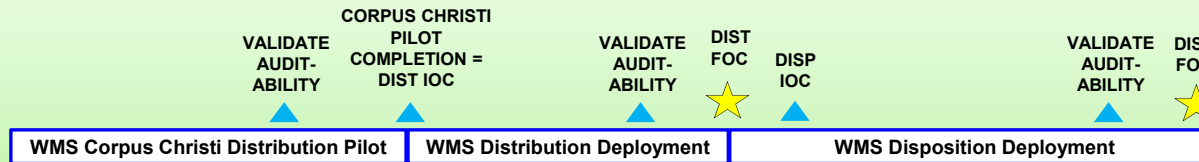


Delivery Processing, Work Scheduling, Shipping & Receiving, Physical Inventory, Reporting & Monitoring, Transportation Management and Disposal

PROCESS

- Configure capability based on standard SAP
- Review standard; Conduct Business Process Reengineering; Identify remaining gaps
- Scrutinize absolute minimum customizations to get to Software-As-A-Service
 - Challenge Laws, Regulations and Policies based on acceptable standard
 - DMP Senior Steering Committee approval for all customizations
 - Coordinate approved customizations with the DOD to drive to a solution SAP can incorporate into the standard software

DEPLOYMENT



Today

Sep 2019

Sep 2020

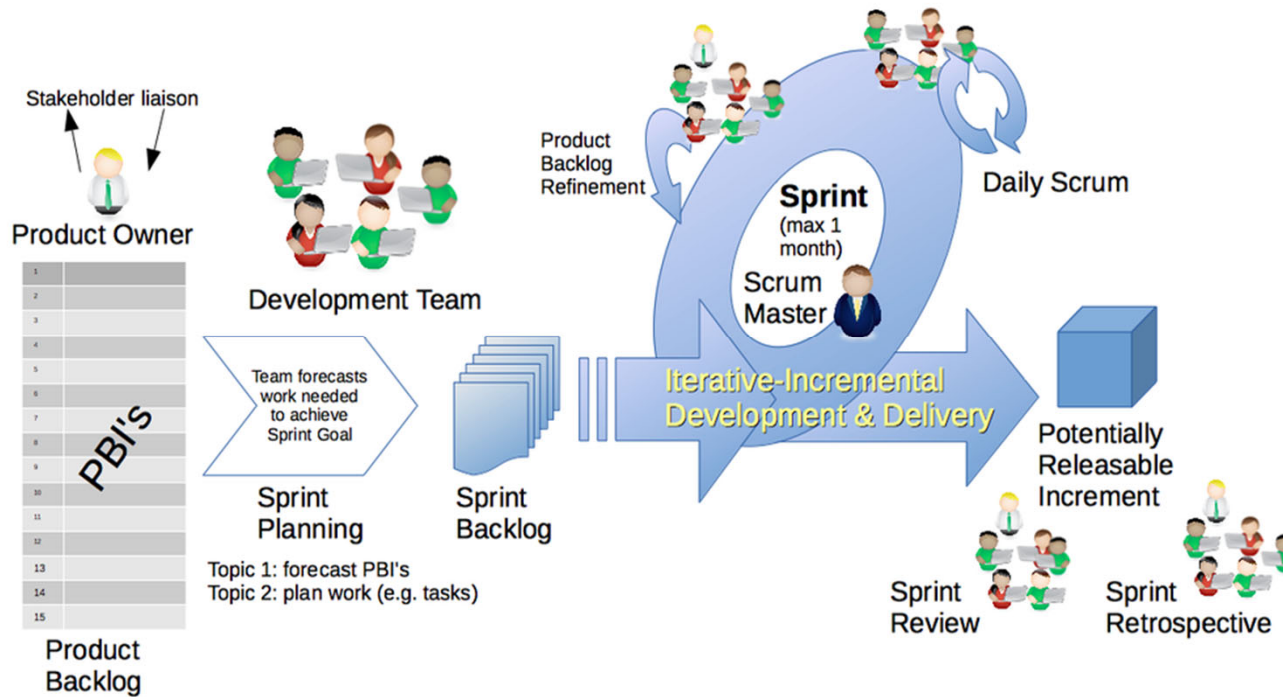
Sep 2022



Agile Sprint Development Basics



- Sprints are “Time Boxed” – 30 Day Increments
- Subsequent sprint content may be adjusted as we go based on emerging requirements from previous sprints, prioritized by the customer





Partnership with USTRANSCOM



- Established 2 Tiered WMS/TMS Governance Council
 - Co-chaired by DLA J6 and TRANSCOM TCJ5/4
- Goals
 - Support greater overall Transportation/Supply Management capability integration, agility and resilience
 - Promote transparency and alignment through collaboration
 - Promote domain knowledge sharing - leverage Organizational, OSD, Services and Industry expertise
- Tenets
 - Seamless integration between envisioned operating capabilities (e.g. TMS and WMS)
 - Re-engineer business processes, limit customization
 - Reduce or eliminate duplication
 - Independent, but informed, deployments



Summary

- WMS Integration with Distribution modernization efforts will add significant business value
- Significant cost reductions provides ability to become more fiscally responsible
- Migration to cloud environment provides first step towards a Software-As-A-Service model
- Agile delivery of modernized technology allows us to provide capability to the warfighter faster and more efficiently
- Partnership with USTRANSCOM will ensure alignment to DOD objectives



Questions?

