

Warehouse Management System Modernization Project

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DEFENSE LOGISTICS AGENCY

AMERICA'S COMBAT LOGISTICS SUPPORT AGENCY



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

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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

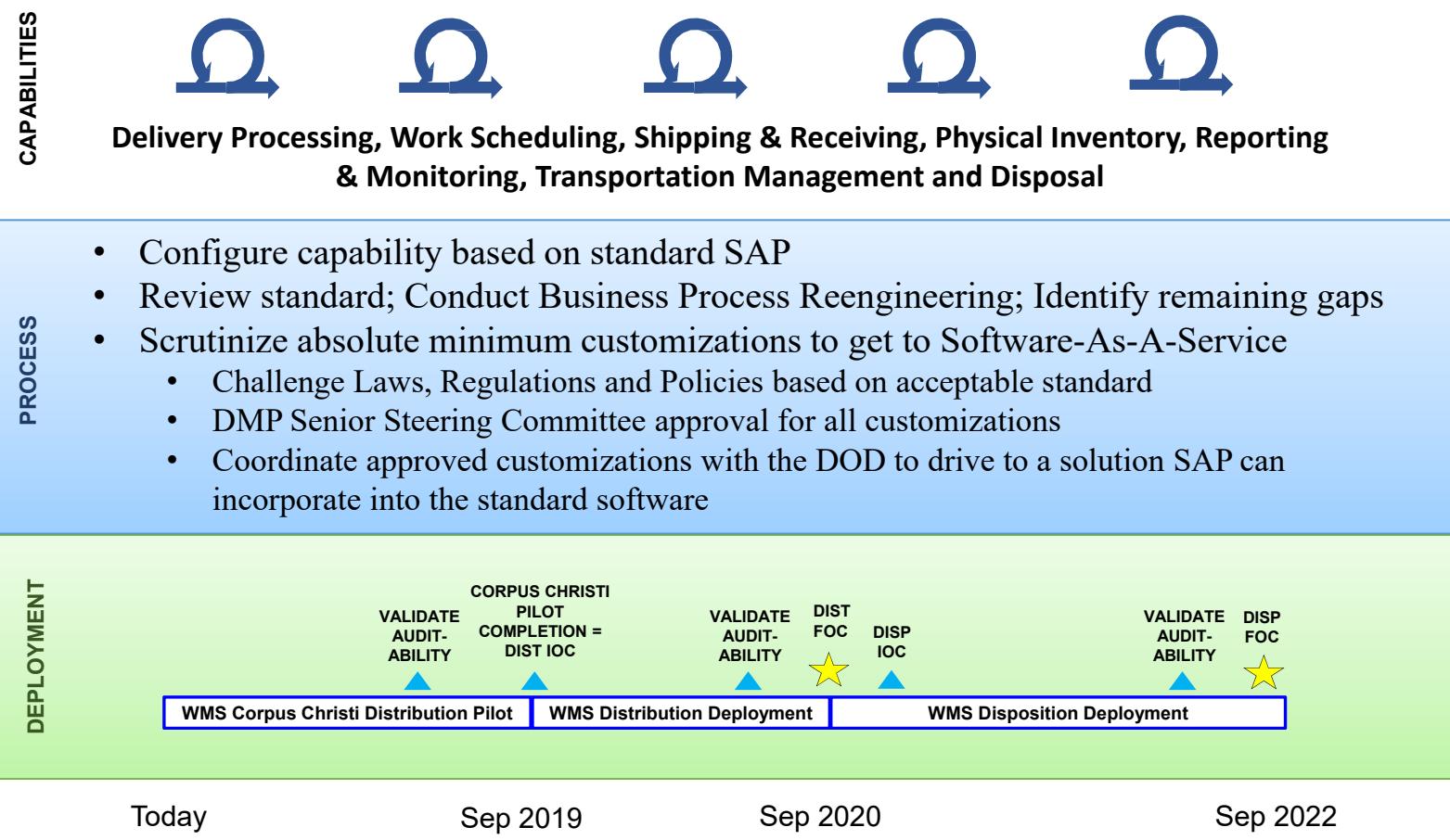


Real-Time Location System (RTLS)
- Instrument small arms, pilferable, classified, and capital equipment to track movement

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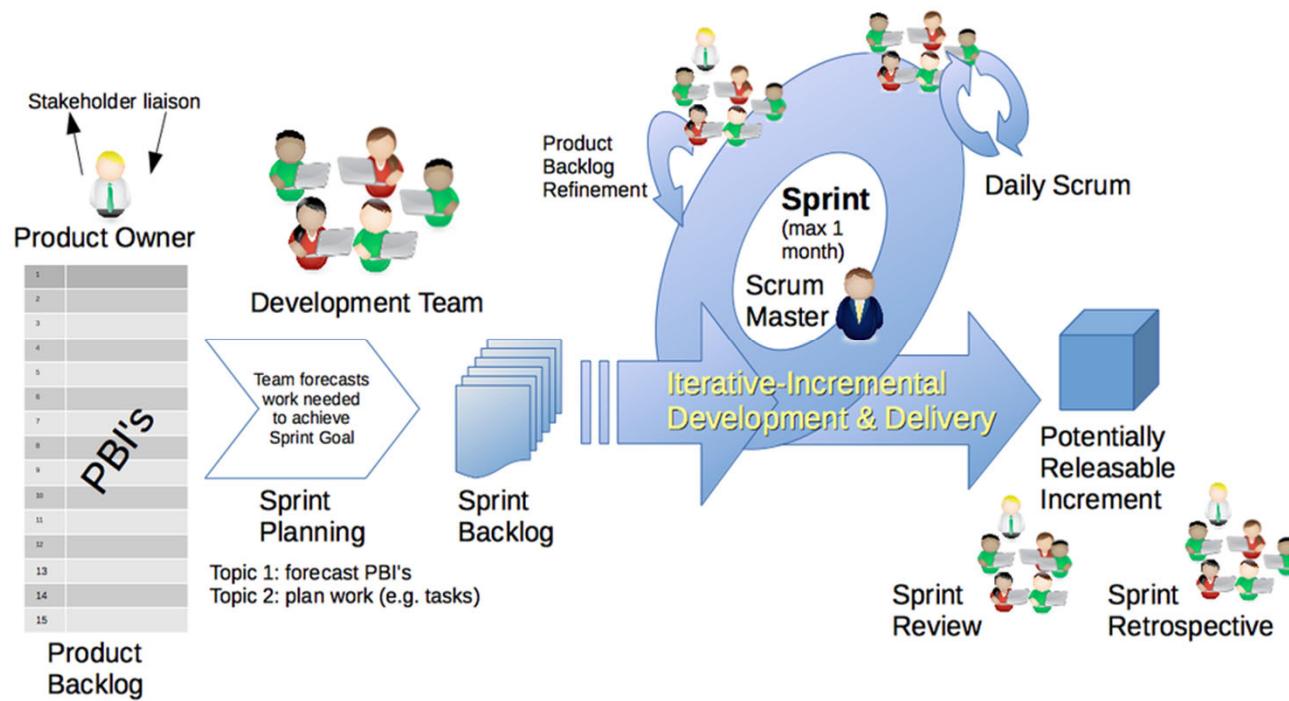
Warehouse Management System (WMS)





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?



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