Leaning Your DC Operations With Voice

Sponsored by:



Presented by:

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Do It Best- Retail Logistics Operation

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Agenda

 Lean Overview (with thanks to Dr. Joel Sutherland, Univ. of San Diego)

About Do it Best

 Discussion: Leaning DC Operations with Voice at Do it Best





Origins of Lean

- Lean originated as a concept from the Toyota
 Production System (TPS). TPS is a production system
 which is based on the philosophy of "the complete
 elimination of all waste." The objective is to produce
 something as efficiently as possible.
- This concept, which originated in auto manufacturing and production, has taken many forms and is now applied around the world in almost every industry.





Five Key Principles of Lean

Anything that doesn't add value is wasteful and should be eliminated

Use cross-organizational cooperation to optimize total system performance

Collect facts and data at the actual site of the work or problem

Strive for continuous and incremental process improvement

Foster respect between management, employees, and business partners





7 Deadly Supply Chain Wastes

- 1. Transportation/Conveyance
- 2. Errors
- 3. Delay/Waiting
- 4. Space
- 5. Overproduction
- 6. Inventory
- 7. Motion





About Do it Best

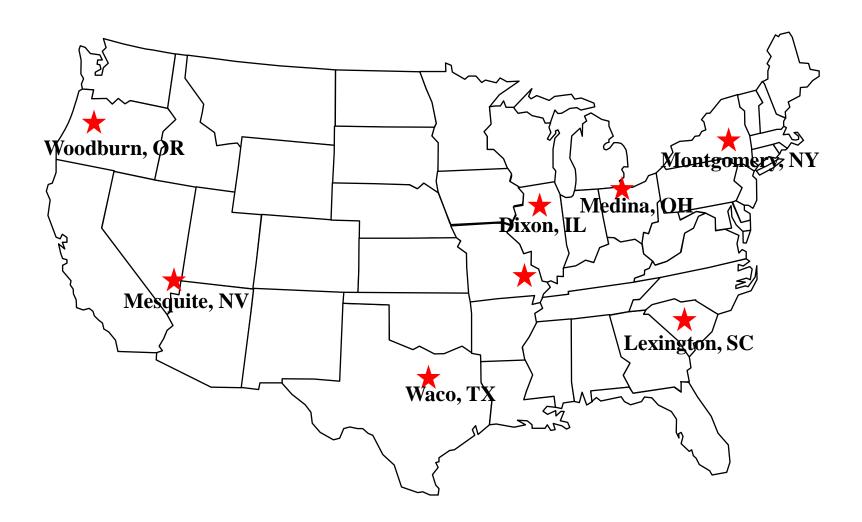
- Hardware, Lumber, and Building Materials Cooperative
- \$2.5 Billion Annual Revenue
- 4,000 Member Locations in 50 States, 47 Countries
- 1,400 Employees
- 67,000 SKUs
- Founded in 1945 with HQ in Fort Wayne, IN







Do it Best Distribution Network







Why Change?

Automate Our Order Filling

- Legacy WMS lite
- Labels and list tickets
- Single order picking / manual batch
- Need to increase accuracy and productivity





Why Voice Pick?

- Scanning Possible loss in productivity/ maintenance
- Pick to Light High cost in high SKU environment
- Voice Increased accuracy and productivity
 - Multi Modal Lower TCO
 - Flexible in use
- Installed in 2007/2008





Discussion: Leaning DC Operations With Voice







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