



DENNIS UNIFORM

CONFIDENTIAL



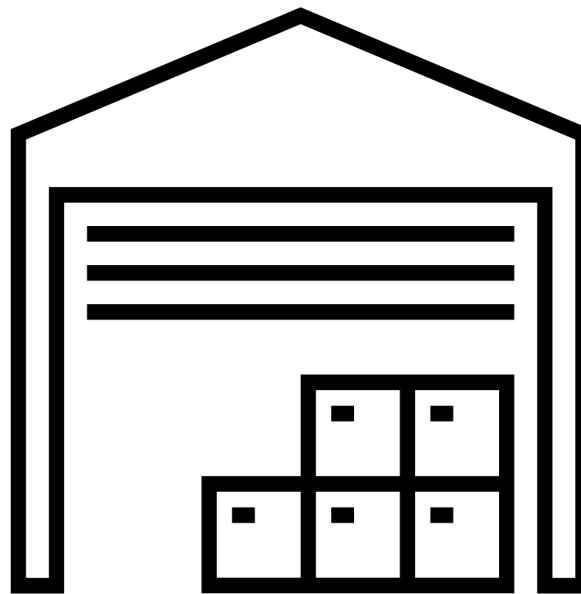
Dynamics Finance & Operations Journey

Introduction

Welcome!

Over the next 30 minutes you will hear from a few of our Dennis team members about our Microsoft Dynamics Finance and Operations transformation journey!

1. Dennis History
2. Dennis Realignment Project
3. Landscape
4. Solution Highlights – Back to Base
 - Slotting
 - Cart Picking
 - Cross Docking
 - Parcel Shipping
5. Results



Dennis Distribution Center

- 104 year old company
 - HQ is in Portland, OR
 - Family owned for 3 generations
 - Acquired by SBJ Capital in 2018
 - Ops from basement of HQ and 30+ stores
 - Acquired 3 school apparel companies after 2018
 - Began build out of DC in August 2022
 - Dynamics Finance and Operations 2022 kickoff
 - Currently have 48 stores in CONUS
 - 130,000 sqft, climate-controlled warehouse
 - 132,500 unique storage locations
- Modes of shipping
 - Ship to Home, Store, School
 - Utilize multiple shipping carriers
 - Expedited delivery available to all 50 states & P.R.
 - Centrally located near two major airports & FEDEX hub
 - Access to 4 interstates
 - Started Production: 1 January 2023
 - Produced – 1.2 million units
 - Embroidery – 517k
 - Heat Transfer – 688k
 - Shipped – 1.1 million units
 - Staffing
 - 135 associates
 - At peak, 225 associates

Day 1 of Production

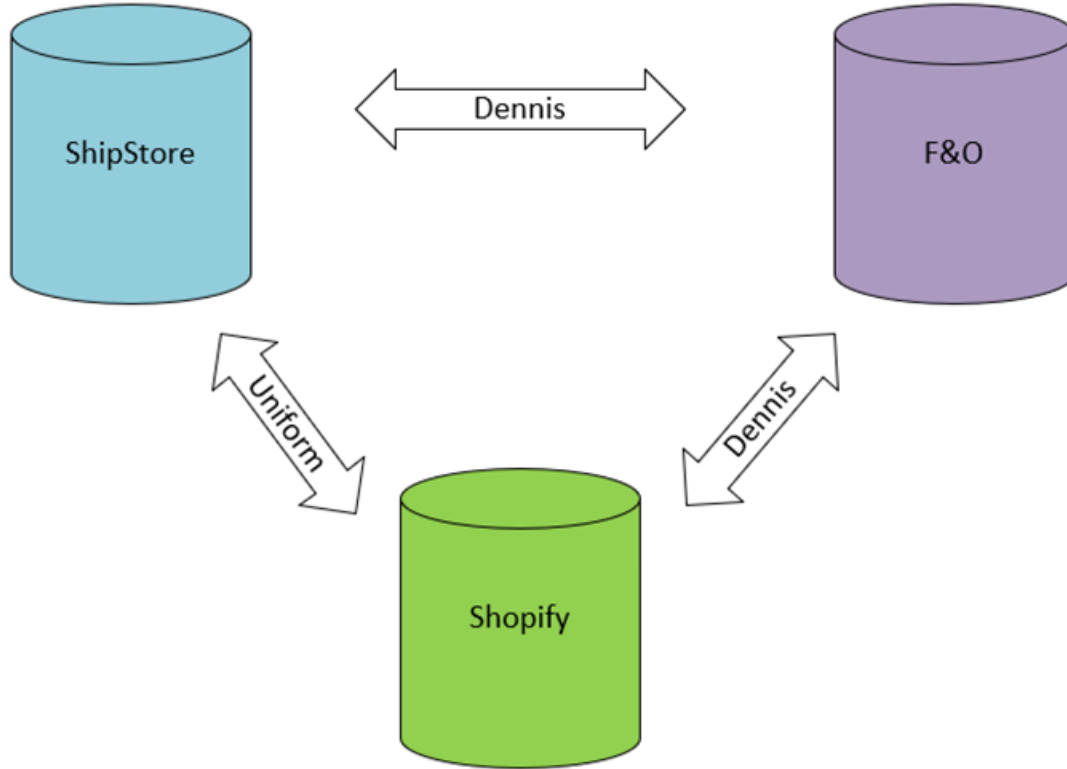


Over-Engineered F&O = Distressed Business Processes



The journey...

Landscape



First Steps Towards Slotting

Slotting Prep

To Re-Slot the Warehouse for Cart Picking, we needed to first clear the floor level locations

How did we Clear the Locations?

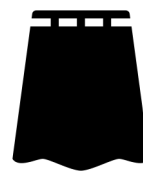
Staging Bins

How are these Staging Bins being Reallocated to the Rack?

Utilizing a mobile device function to reconsolidate inventory based on Product Lifecycle States

How did we Repurpose Product LifeCycle State (PLS) for Slotting?

Because our product has a robust lifecycle, we opted to utilize this Product Variant attribute to determine the designated aisle the unit is fixed to



How does this benefit warehouse operations?

PLS and Fixed Locations have allowed us to organize the aisles by each school's product variants in order of priority

Replenishment of the Fixed Locations

To slot the inventory into its designated fixed location, we created Slotting and Replenishment Templates

What is the difference between a Slotting Template and a Replenishment Template?

Slotting Templates generate work based on Sales demand.

Replenishment Templates generate work based on Min/Max parameters.

Cart Picking

Slotting has allowed us to remove the Put wall where we were batch picking orders. With our product having no real "home" we were left with product all over the warehouse that was only reachable by order picker.

- Sales orders released on waves based on reserved inventory
- Put wall – 4 wave stages for picked batch waves to be staged and sorted
- Peak – needed more wave stages to keep up with peak volume 18,000-20,000 units
- Modification of sort positions, put wall, was the beginning of the end

In the past..

- 20 orders pickers picked and staged product from wave
- 6 sorters went through staged waves to sort them in the put wall
- 2 material handlers to supply pack stations with completed orders
- 10 pack stations were utilized to pack and ship orders from the put wall

Cart Picking

Why...

- Bring clarity to sales orders, you can see whats on a cart
- Reduce \$ expenses for fork lifts and operators

We've been able to eliminate

- Batch picking
- Sorting at the put wall
- Material handling
- Packing



Now...

- Zebra printers for E and W for designated picks by zone/
- Sales orders generated by PSL
- 30 carts with 24 positions to cluster pick complete sales orders
- Cart pickers able to access levels A-E in E and W racks
- Added P&D and Speedcell locations
- Same 30 people picking are able to ship out 24 orders from cart

Cross Docking

In our business we have many orders that need to be expedited. With how our system was configured the orders had to go through the whole process no shortcuts.

Our steps were

1. Put away from receipt
2. Wave raw material order
3. Order Picker picks and stages product
4. Decoration team picks, starts, and RAFs
5. Put away product for finished goods
6. Wave finished goods
7. Order picker picks and stages product to be sorted at put wall.
8. Pack and ship orders

Cross Docking

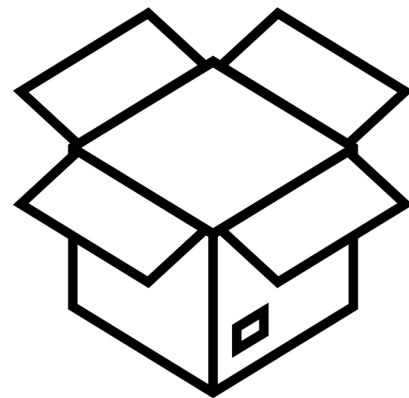
New world

Using core functionality, we have removed many in-between steps

1. Process for a fast track order now is to release order to decoration and once complete cross docked to XDKPACK location
2. From this location packers are able to grab order and immediately pack and ship
3. Standard functionality enabled P&D locations for our slow moving items.

Parcel Shipping

1. Direct connection to FEDEX
 - USPS
 - UPS
2. Fully integrated rate engines within D365 F&O
 - Manifest Wave Step
 - Roll-back shipment wave step
 - Pack Station Manifest
 - Split Shipment / Containerization



We've been live for 1 week!!

1. Single source of truth
2. Picking and shipping all sales orders printed by 9am daily
3. Visual trigger of printed labels to dispatch picking team
4. Less clutter of people and equipment in the aisles
5. Process is easy
6. Increased Inventory Accuracy