



Customer
Conference

Warehouse Flavors in Business Central

Today's Presenter



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Do You Really Need Directed Pick/Put-Away (DPP)? 12 Questions to Ask



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Do We Need DPP?

- ✓ Are you planning to use **Warehouse Zones**?
- ✓ Is there a plan to break your warehouse into different **Warehouse Classes** (Frozen, Dry, Cooler, etc.)?
- ✓ Do you see a need to assign **Special Equipment** to handle warehouse activities (forklifts, PPE, etc.)?
- ✓ Would you benefit from **Cross-Docking**?
- ✓ Do you need to break down your bins by **Bin Type**?

Do We Need DPP?

- ✓ Do you need to track **Bin Capacity** by weight/volume?
- ✓ Do you want to process put-aways using a UofM different from the one on the PO – **Put-Away UofM**?
- ✓ Do you expect the system to suggest put-aways based on the combination of items, UofM and bin properties/parameters – **Put-Away Templates**?
- ✓ Do you see a benefit of having the system to suggest picking using **Bin Ranking**?
- ✓ Would you benefit from having **Break Bulk** functionality?

Do We Need DPP?

- ✓ Is there a need to process system suggested **Automated Bin Replenishment** based on the item quantity min/max values assigned at the bin content level?
- ✓ Does your company need to separate non-financial warehouse activities performed by a warehouse team (adjustments, picking, etc.) from the activities that impact inventory value at the GL level – **Separation of Duties**?

If the answer to all these
questions is NO...
Congratulations!!!
YOU DO NOT NEED DPP 😊



Warehouse Configurations

From Basic Location To Advanced Warehouse



Basic Location – No Bins

Activity Type	Bins	Receive	Put-Away	Pick	Ship	DPP	Process and Outcome
Location Setup	No	No	No	No	No	No	Quantities are at location level
Inventory Receiving							Purchase Order: quantities are updated at the location level and immediately available to be fulfilled on a sales order
Inventory Shipping							Sales Order: quantities are updated at the location level when sales shipment is posted
Inventory Adjustments							Item Journal: quantities are updated at the location level when item journal is posted

Basic Location – With Bins

Activity Type	Bins	Receive	Put-Away	Pick	Ship	DPP	Process and Outcome
Location Setup	Yes	No	No	No	No	No	Quantities are at bin/location level
Inventory Receiving							Purchase Order: quantities are updated at the bin/location level and immediately available to be fulfilled on a sales order
Inventory Shipping							Sales Order: quantities are updated at the bin/location level when sales shipment is posted
Inventory Adjustments							Item Journal: quantities are updated at the bin/location level when item journal is posted

Receiving/Picking Location – With Bins

Activity Type	Bins	Receive	Put-Away	Pick	Ship	DPP	Process and Outcome
Location Setup	Yes	Yes	No	Yes	No	No	Quantities are at bin/location level
Inventory Receiving							Warehouse Receipt: quantities are updated in the receiving/default-fixed bin and could be immediately available to be fulfilled on a sales order
Inventory Shipping							Inventory Pick: used to pick and ship inventory, quantities are updated at the bin/location when pick is posted
Inventory Adjustments							Item Journal: quantities are updated at the bin/location level when item journal is posted

Receiving/Picking Location – With Bins and Put-Away

Activity Type	Bins	Receive	Put-Away	Pick	Ship	DPP	Process and Outcome
Location Setup	Yes	Yes	Yes	Yes	No	No	Quantities are at bin/location level
Inventory Receiving							Warehouse Receipt: quantities are updated in the receiving bin Put-Away: used to move inventory from the receiving to a pick bin before inventory is available to be fulfilled on a sales order
Inventory Shipping							Inventory Pick: used to pick and ship, quantities are updated at the bin/location when pick is posted
Inventory Adjustments							Item Journal: quantities are updated at the bin/location level when item journal is posted

Receiving/Picking Location – With Bins, Put-Away and Shipment

Activity Type	Bins	Receive	Put-Away	Pick	Ship	DPP	Process and Outcome
Location Setup	Yes	Yes	Yes	Yes	Yes	No	Quantities are at bin/location level
Inventory Receiving							Warehouse Receipt: quantities are update in the receiving bin Put-Away: used to move inventory from the receiving to a pick bin before inventory is available to be fulfilled on a sales order
Inventory Shipping							Inventory Pick: used to pick/move, quantities from a pick bin to the shipping bin Warehouse Shipment: removes quantities from the shipping bin and updates quantity at the location when the shipment is posted
Inventory Adjustments							Item Journal: quantities are updated at the bin/location level when item journal is posted

Advanced Warehouse – With DPP

Activity Type	Bins	Receive	Put-Away	Pick	Ship	DPP	Process and Outcome
Location Setup	Yes	Yes	Yes	Yes	Yes	Yes	Quantities are at bin/location level
Warehouse Receiving							Warehouse Receipt: quantities are update in the receiving bin Warehouse Put-Away: used to move inventory from the receiving to a pick bin before inventory is available to be fulfilled on a sales order
Warehouse Shipping							Warehouse Pick: used to pick/move, quantities from a pick bin to the shipping bin Warehouse Shipment: removes quantities from the shipping bin and updates quantity at the location when the shipment is posted
Warehouse Adjustments							Warehouse Item Journal: updates ONLY quantities at the bin level when registered Item Journal: updates quantities at the location level when posted

Location Card

Where to Go to Make it Work



Location Card - Warehouse

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Location Card | Work Date: 1/27/2022

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✓ Saved

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Process

Location

Related

Fewer options

Zones

Bins

General >

WHITE

Address & Contact >

Warehouse

Require Receive

Require Shipment

Require Put-away

Use Put-away Worksheet

Require Pick

Bin Mandatory

Directed Put-away and Pick

Use ADCS

Default Bin Selection

Outbound Whse. Handling Time

Inbound Whse. Handling Time

Base Calendar Code

Customized Calendar

No

Use Cross-Docking

Cross-Dock Due Date Calc.

Bins >

W-08-0001

W-09-0001

Bin Policies >

Never Check Capacity

Yes

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Location Card - Bins

←

Location Card | Work Date: 1/27/2022

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Process

Location

Related

Fewer options

Zones

Bins

General >

WHITE

Address & Contact >

Warehouse >

Yes Yes Yes

Bins

Receipt

Receipt Bin Code W-08-0001

Shipment

Shipment Bin Code W-09-0001

Production

Open Shop Floor Bin Code W-07-0001

To-Production Bin Code W-07-0002

From-Production Bin Code W-07-0003

Adjustment

Adjustment Bin Code W-11-0001

Cross-Dock

Cross-Dock Bin Code W-14-0001

Assembly

To-Assembly Bin Code

From-Assembly Bin Code

Asm.-to-Order Shpt. Bin Code

Bin Policies >

Never Check Capacity Yes

Location Card – Bin Policies

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Location Card | Work Date: 1/27/2022

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✓ Saved

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Process

Location

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Fewer options

Zones

Bins

General >

WHITE

Address & Contact >

Warehouse >

Yes

Yes

Yes

Bins >

W-08-0001

W-09-0001

Bin Policies

Special Equipment

Bin Capacity Policy

Never Check Capacity

Allow Breakbulk

Put-away

Put-away Template Code

STD

Always Create Put-away Line

Pick

Always Create Pick Line

Pick According to FEFO