

# DYNUUG

Dynamics 365 SCM Warehouse management

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# Warehouse management in D365 SCM

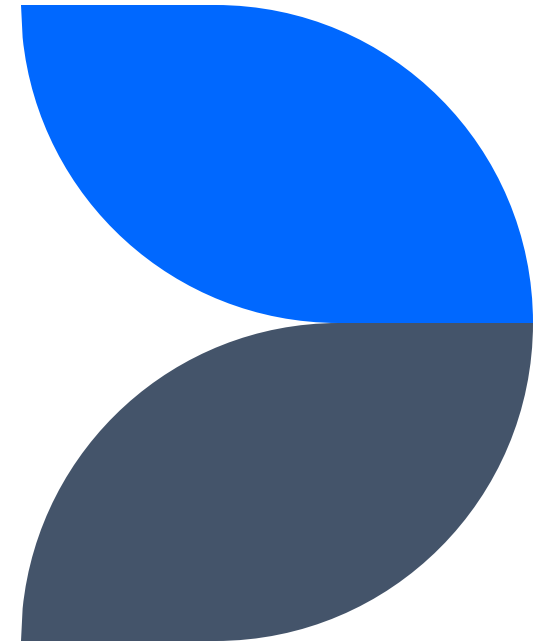
## Agenda

- What's new in 10.0.40
- About the workshop tomorrow
- Examples of customer use cases
- Warehouse management only mode
- Q&A

# 10.0.40 Warehouse management features

Not Warehouse management mobile app focused

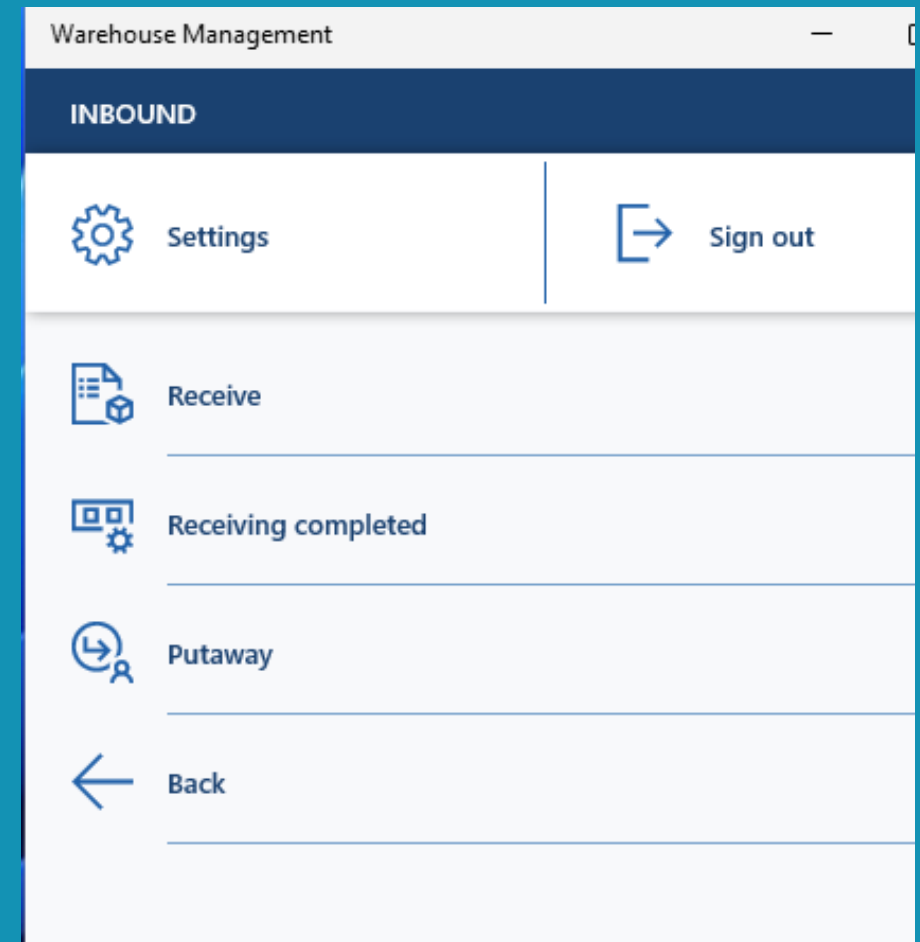
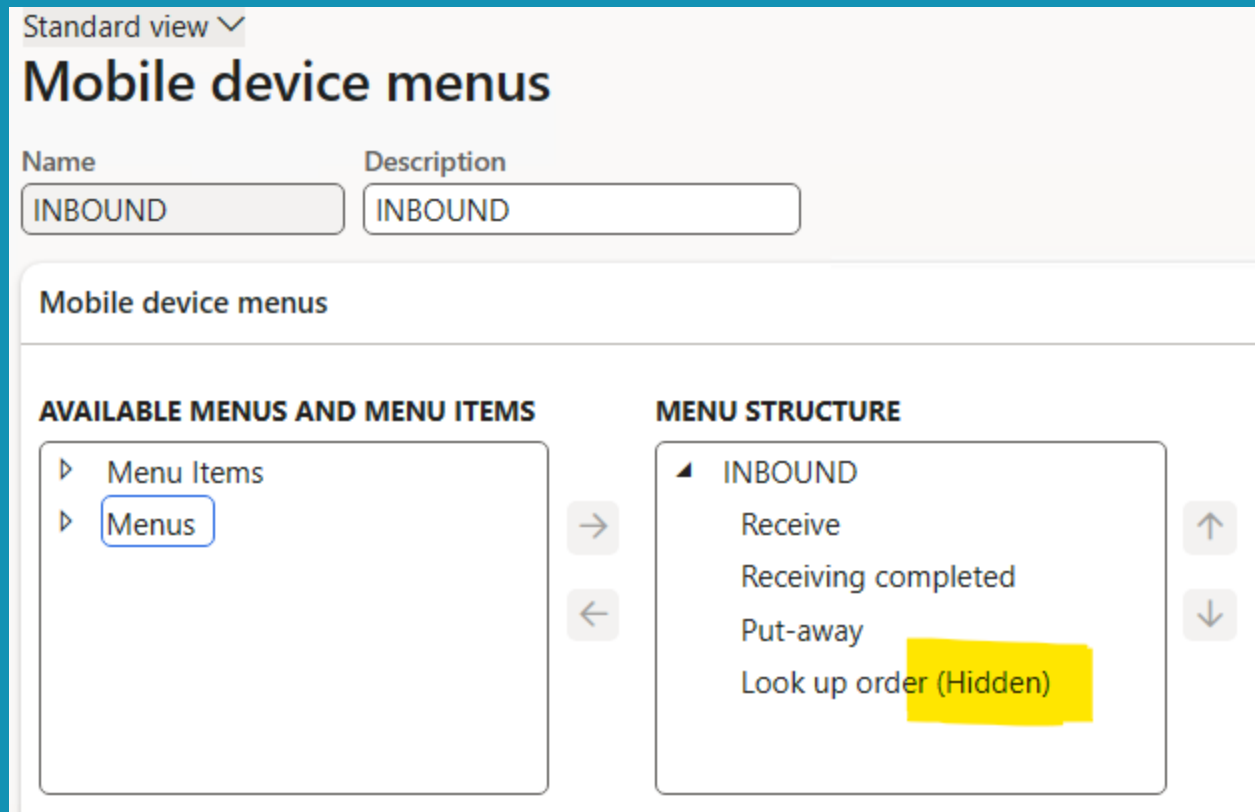
<https://learn.microsoft.com/en-us/dynamics365/supply-chain/warehousing/whats-new-wma>



# Hide mobile device menu items in the menu

Warehouse management

Support for concealing your mobile device menu items from the mobile device menu layout.



# Location blocking causes policy

Warehouse management

New policy decides if warehouse work location processing should be blocked for input and/or output.

Blocking causes

**Standard view** ▾

Filter

| Cause of blocking | Description | Policy                      |
|-------------------|-------------|-----------------------------|
| Defect            | Defect      | Also use for warehouse work |

| Code | Input blocked | Output blocked    | Ca                       |
|------|---------------|-------------------|--------------------------|
| 0    | Maint         | Maint             | <input type="checkbox"/> |
| 0    | Cause ... ↑   | Description       |                          |
| 0    | Acc           | Accident          |                          |
| 0    | Maint         | Maintenance       |                          |
| 0    | Misc          | Miscellaneous use |                          |

# Work transaction date policy

## Warehouse management

Warehouse work transaction dates adjusted to a different time zone than the one used by the system.

**Work transaction date policy**

The work transaction date policy determines if transactions that are created by warehouse work, should have the transaction date adjusted. Adjustments can be based on the timezones of the company, the site or the user processing the transaction.

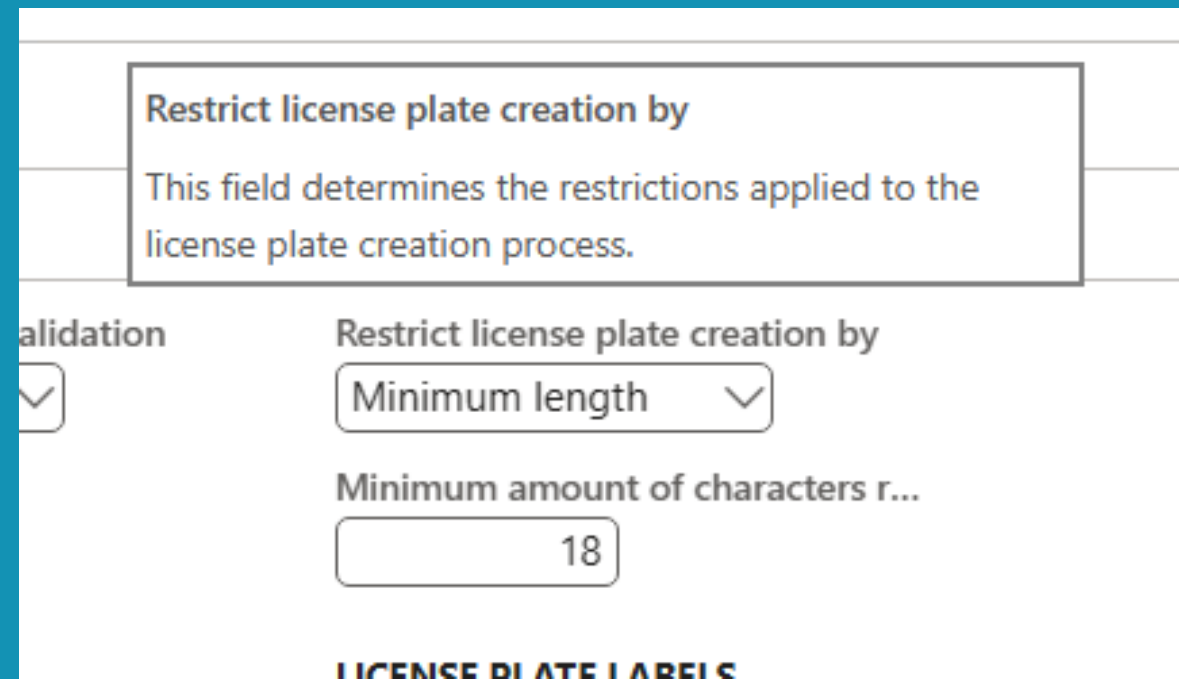
**Work transaction date policy**

- No adjustment
- Adjust based on company time zone
- Adjust based on site's time zone
- Adjust based on user's preferred timezone

# Minimum amount of characters required for license plate numbers

## Warehouse management

Prevention of creation of license plate Ids that are too short. This can help avoid the error of scanning a location barcode instead of a license plate barcode by a warehouse worker.



The screenshot shows a configuration page for license plate creation. A callout box highlights the 'Restrict license plate creation by' section, which includes a dropdown menu set to 'Minimum length' and a text input field containing the value '18'. Below this, the text 'Minimum amount of characters r...' is visible. At the bottom of the page, the text 'LICENSE PLATE LABELS' is partially visible.

**Restrict license plate creation by**

This field determines the restrictions applied to the license plate creation process.

Validation

**Restrict license plate creation by**

Minimum length

Minimum amount of characters r...

**LICENSE PLATE LABELS**

# Enhancements to the customer return process

## Warehouse management

- “Complete mixed license plate” menu item
- Keeping the captured license plate number as part of the process
- “Print label” support

Standard view ▾

### Mobile device menu items

| Menu item name    | Title             | Mode       | Use existing work           |
|-------------------|-------------------|------------|-----------------------------|
| Complete mixed LP | Complete mixed LP | Indirect ▾ | <input type="checkbox"/> No |

---

**General**

Activity code: Complete mixed license pla... ▾

Use process guide:  Yes

Barcode data po

Standard view ▾

### Mobile device menu item

Menu item name: Blind return receiving

Mode: Work order

Title: Blind return receiving

Use existing work:  Yes

---

**General**

Work creation process: Return item receiving

Use process guide:  Yes

Barcode data policy: ▾

Generate license plate:  No

---

**Print label**

Select this option to print a label only after all steps in the work template have been completed. If the Print label option is selected, labels are always printed for the work order. This is true regardless of whether a print step is included in the work template. Additionally, if a work template does include a print step, the position of the step in the sequence is disregarded and labels are always printed last. This is useful if you always want to print labels at the end of the process. If you want to use the work template to print labels at a specific point in the process, do not select this option.

Print label:  Yes

Return item receiving policy ID: Blind ▾



# Split sales packing slip posting per shipment

Warehouse management – Extension prepared

When using external shared warehouse processing with Warehouse management only mode, the sales packing slips can be divided automatically by shipments. You can also use this feature without the Warehouse management only mode if you provide the required values for the outbound processing.

**PACKING SLIP POSTING PARAMETERS**

Packing slip creation policy

Shipment

Default

Shipment

**PACKING SLIP POSTING PARAMETERS**

Preallocated packing slip id

4352453535

Preallocated packing slip docum...

4/17/2024

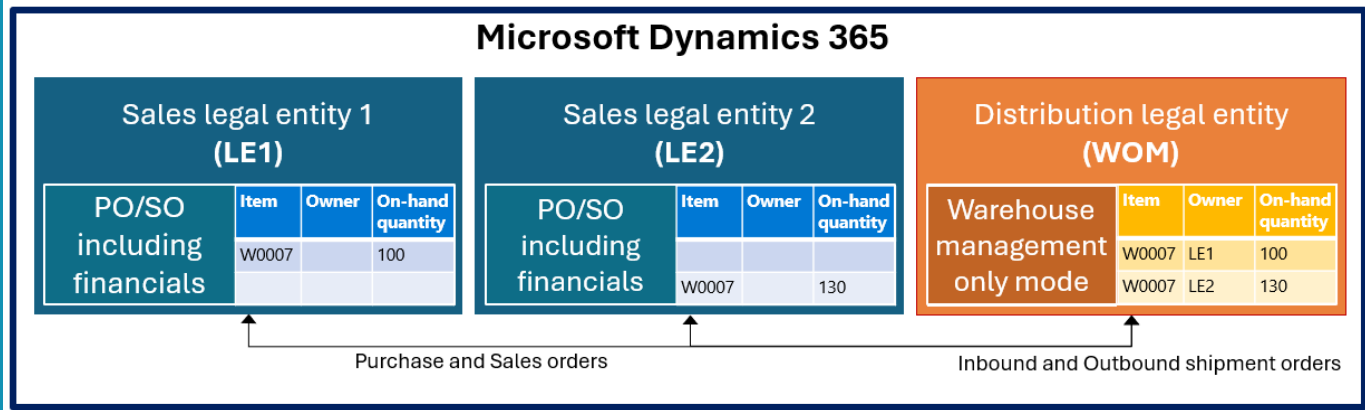
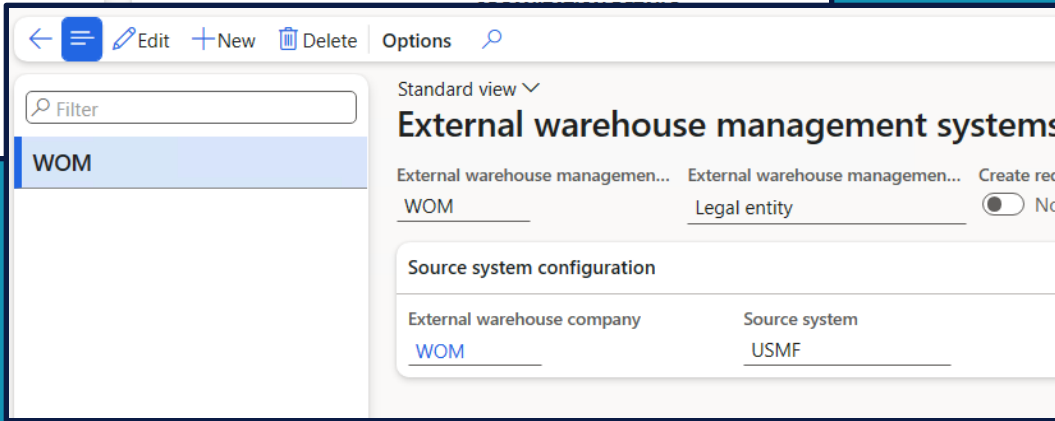
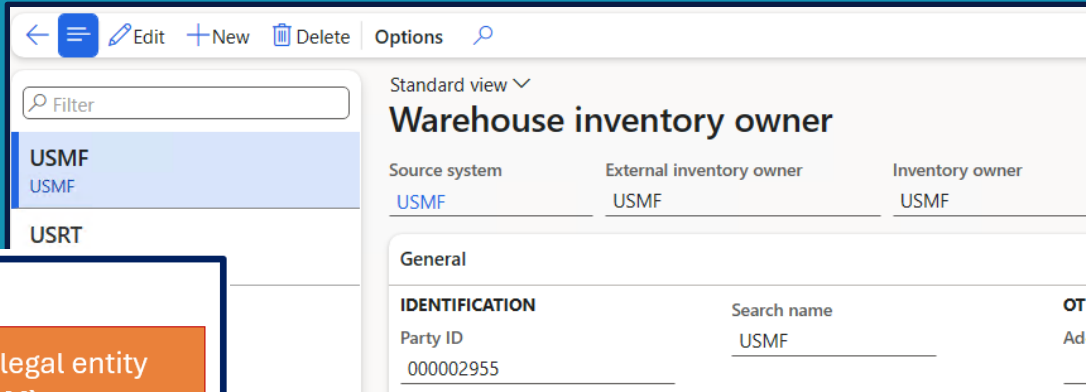
# External shared warehouse processing

Warehouse management only mode – GA in 10.0.40

Support for running shared warehouse management processing in multiple legal entities including use of the owner dimension.

[WOM - External shared warehouse setup demo](#)

[WOM - External shared warehouse processing demo](#)



# Warehouse management workshop

29-05-24 10:00 – 14:45

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# Workshop agenda

## Workshop with an introduction to Warehouse management only mode

- What is Warehouse Management Only Mode?
- Why is it important?
- Examples of customer use cases
- How does it work?
- License information
- Resources
- Q&A



# Customer Examples

Warehouse management only mode has various applications.

We can examine some of the customer interactions that the R&D product group has been involved with as samples of use cases.

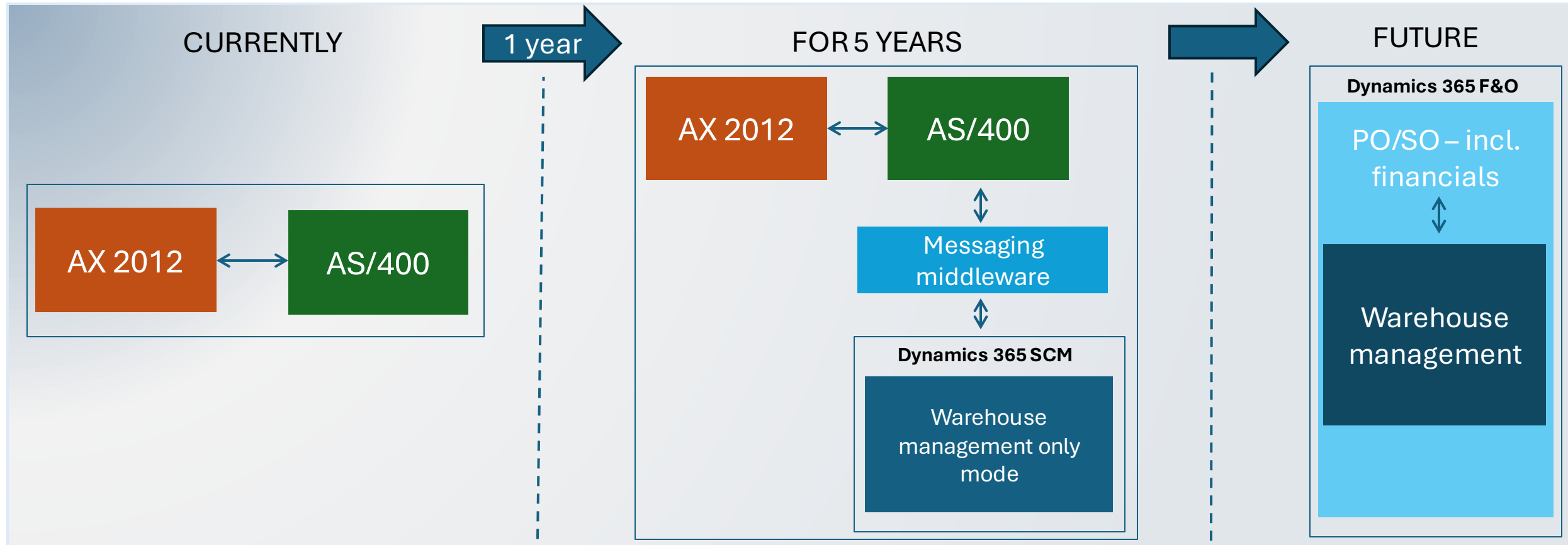
# Customer example #1: Classic standalone warehouse with non-D365 ERP

Warehouse management only mode with external ERP (as first step)

**Customer situation: In need for replacement of old warehouse management software solution.**

The customer has for many years been running on AS/400 for fashion industry. Their plan is to use the Warehouse management only mode up against AS/400 for the next 5 years and then potentially replace AS/400 to Dynamics 365.

As a side note the customer runs other business processes using AX2012 without any warehouse management operations.



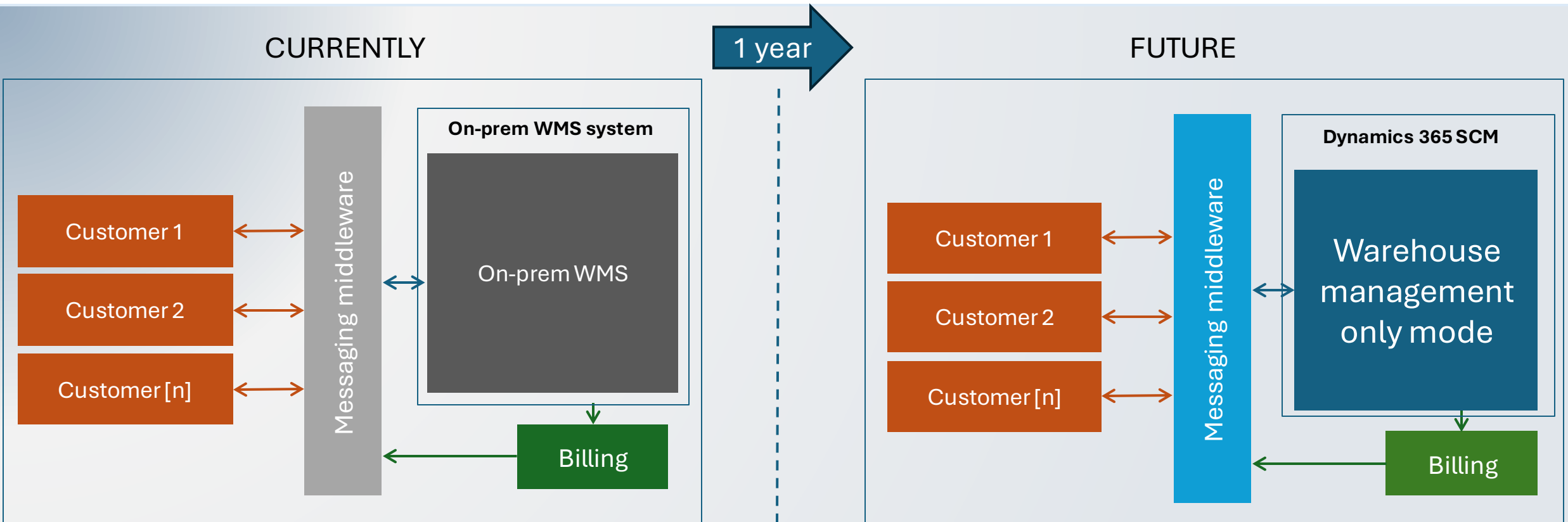
# Customer example #2: 3PL use case

## Warehouse management only mode for 3PL businesses

**Customer situation: Replacement of old on-prem solution to new D365 cloud solution.**

A 3PL company wants to use the new **Warehouse management only mode** capability for their customers to receive, store, and ship inventory.

For the past 18 years the customer has been using an on-prem platform and has previously been engaging in a non-Microsoft cloud migration which delivered suboptimal implementation experiences and was dismissed.



# Customer example #3: Integrated and external operations

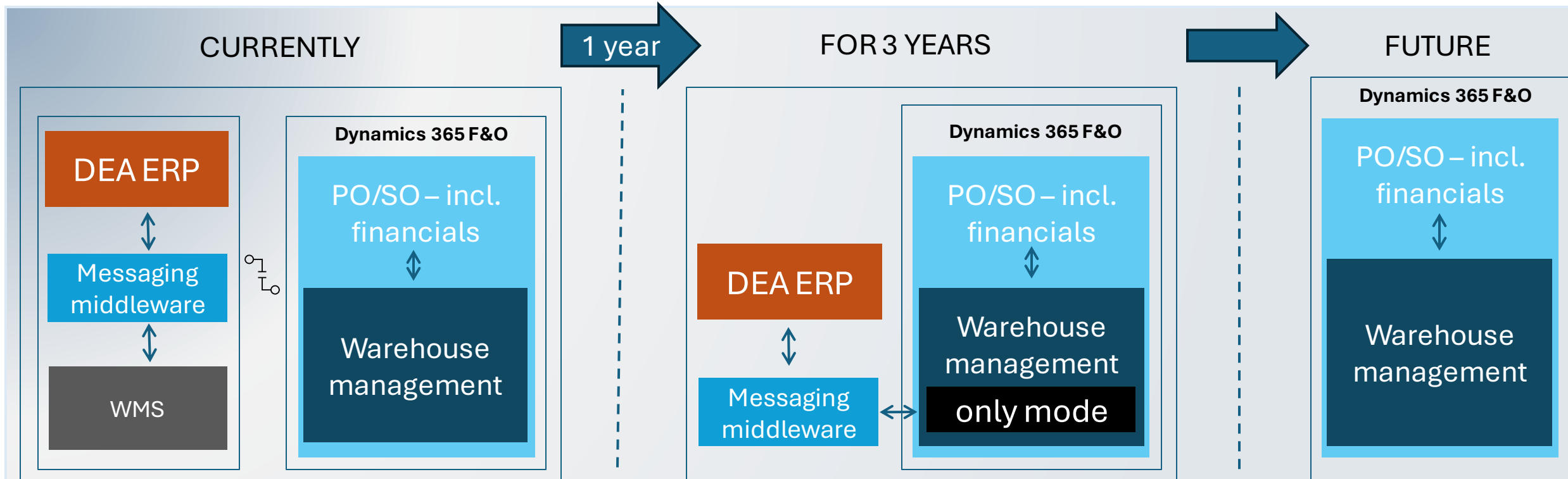
## Warehouse management only mode with external ERP + integrated warehouse

**Customer situation: Slowly migrate non-D365 ERP solution into D365 (Start by replacing a best-of-breed warehouse system).**

An existing Microsoft Dynamics 365 F&O retail customer running with the "integrated" warehouse management solution. The customer has acquired a new brand, currently operating in own isolated ERP and warehouse solution.

Will use the new **Warehouse management only mode** capability to maintain inventory from the other business brand running within the existing operating D365 SCM warehouse.

The warehouse will handle existing purchase and sales order processes as well as new inbound and outbound shipment order processes using the same material handling equipment, workers, and devices.



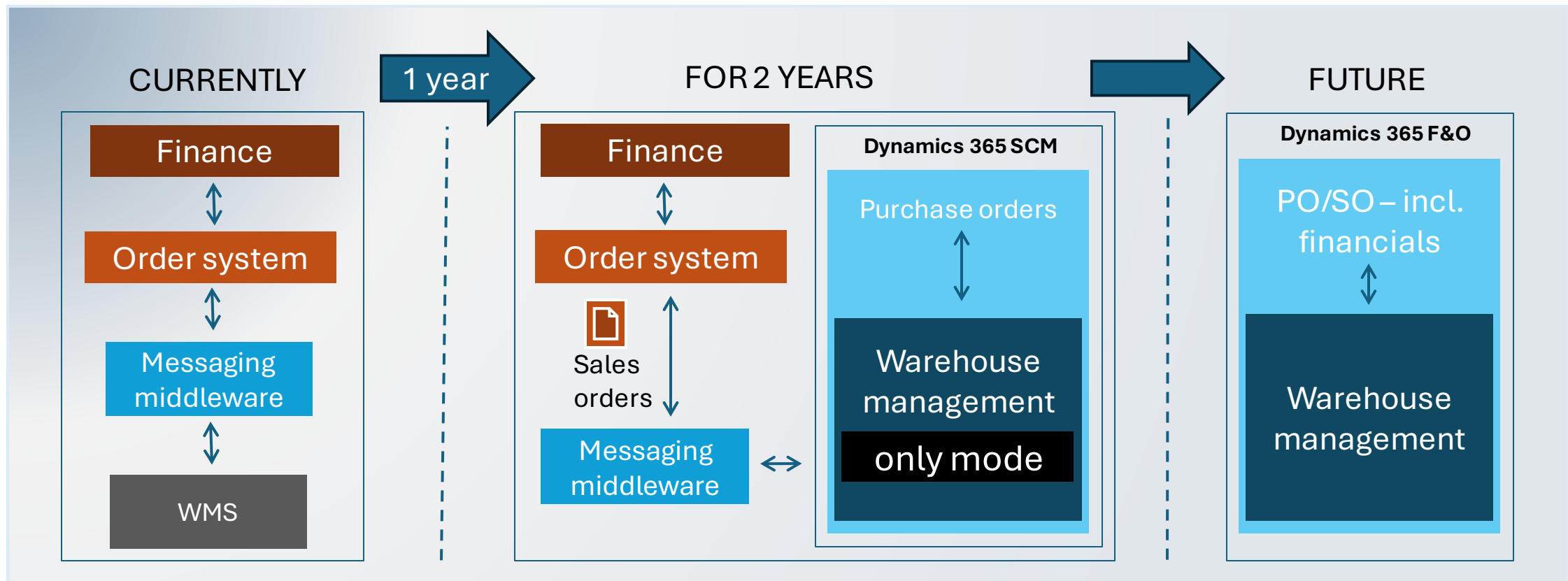


# Customer example #4: Mix mode – Inbound / Outbound

## Warehouse management only mode for outbound processing

**Customer situation: Slowly migrate non-D365 ERP solution into D365 – Keeping outbound legacy order system processes**

Customer will keep their legacy ERP/order system to handle all the outbound processing for some years and startup using purchase order processing and outbound shipment orders within the same warehouse for the same item numbers and using the same material handling equipment, workers, and devices.

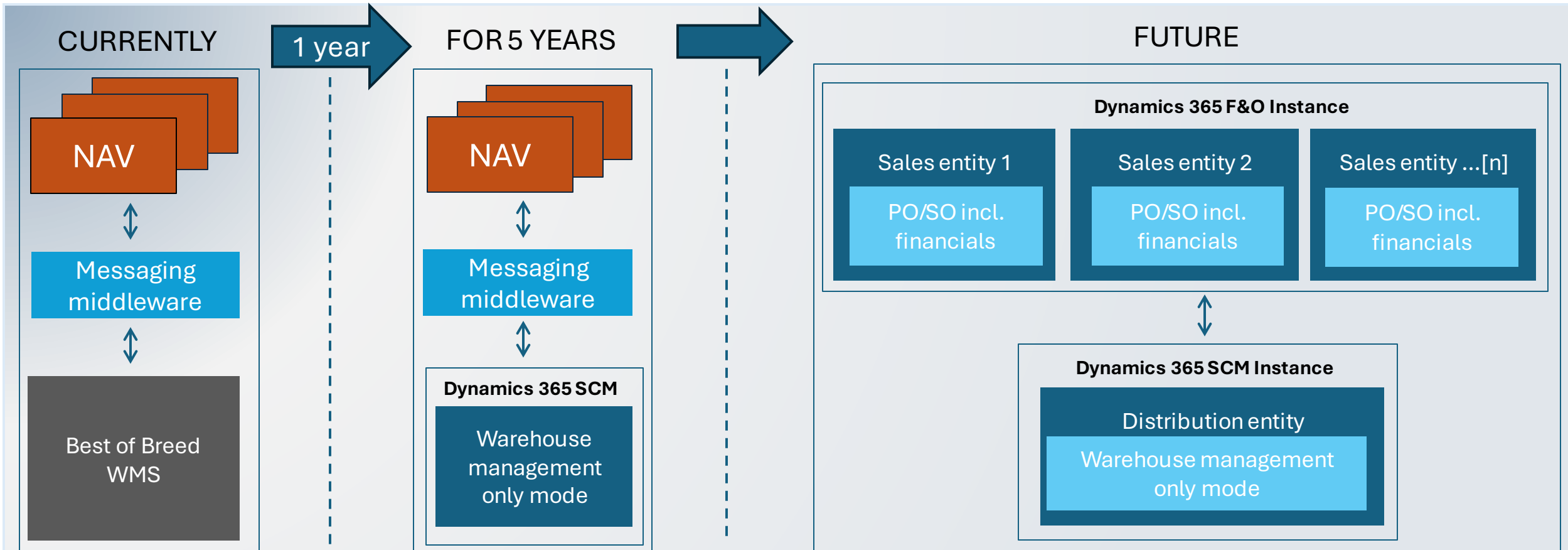


# Customer example #5: External shared warehouse – multi-instance

Warehouse management only mode as ‘External warehouse’ - multiple instances

**Customer situation: Slowly migrate non-D365 ERP solution into D365**

Large company which will replace a best-of-bread warehouse implementation with the new **Warehouse management only mode** capability. Long term the warehouse will be running as a ‘shared warehouse’ implementation in own D365 SCM deployment, integrated with another Microsoft Dynamics D365 F&O deployment instance handling all their sales subsidiaries (legal entities) incl. processing with single SKU owned by several sales subsidiaries.



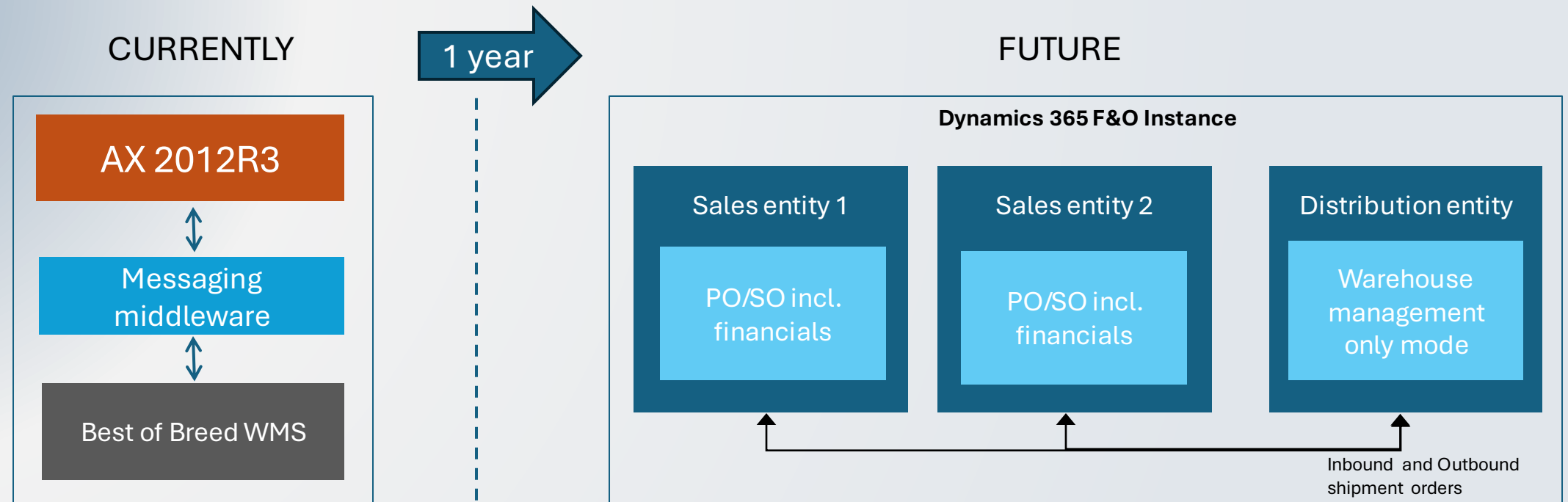
# Customer example #6: Shared warehouse – single instance

Warehouse management only mode as ‘external shared warehouse’ in single instance

**Customer situation: Migration from older ERP solution to Microsoft Dynamics 365.**

An existing Microsoft AX2012R3 customer, not running the "integrated" warehouse management solution will replace an existing integration to an external best-of-breed warehouse management solution with the new **Warehouse management only mode** capability as a ‘external shared warehouse’ implementation running within the same D365 SCM deployment instance.

Their sales subsidiaries (legal entities) will be processing orders against a separate legal entity running the Warehouse management only mode functionality.



# Dynamics 365 Supply Chain Management

**Sales legal entity 1 (LE1)**

| PO/SO including financials | Item  | Owner | On-hand quantity |
|----------------------------|-------|-------|------------------|
|                            | W0007 |       | 100              |
|                            |       |       |                  |

**Sales legal entity 2 (LE2)**

| PO/SO including financials | Item  | Owner | On-hand quantity |
|----------------------------|-------|-------|------------------|
|                            |       |       |                  |
|                            | W0007 |       | 130              |

**Distribution legal entity (WOM)**

| Warehouse management only mode | Item  | Owner | On-hand quantity |
|--------------------------------|-------|-------|------------------|
|                                | W0007 | LE1   | 100              |
|                                | W0007 | LE2   | 130              |

Purchase and sales orders

Inbound and outbound shipment orders

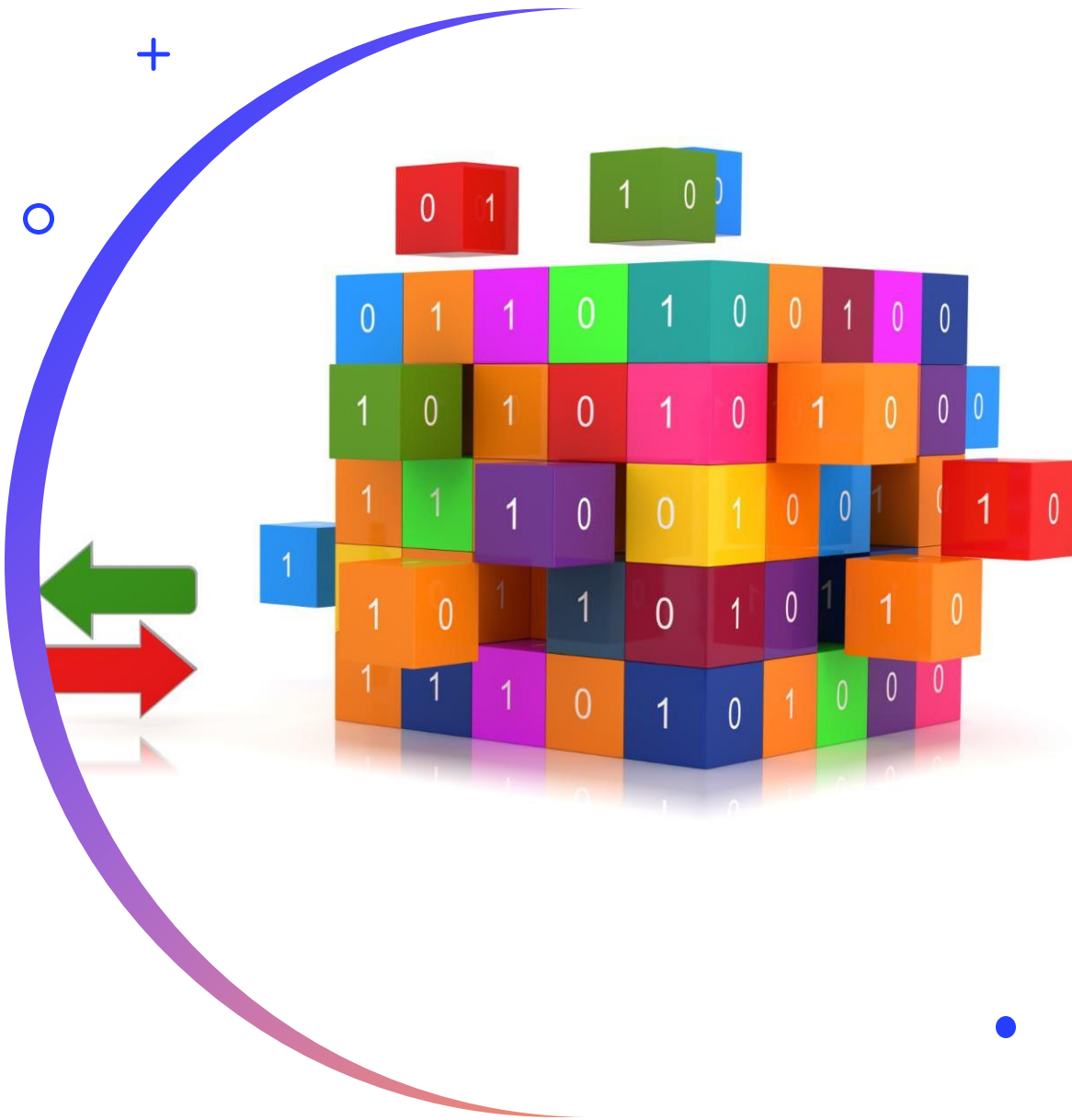




# What is the Warehouse management only mode?

- A new feature in Microsoft Dynamics 365 SCM
- Designed for warehouse management tasks only
- Designed for integration with ERP/order management systems
- Designed for external shared warehouse processing
- Allows for streamlined, more efficient warehouse management processing using inbound and outbound shipment orders

# Integrating with ERP/Order Systems



- Microsoft Dynamics 365 SCM Warehouse management only mode can integrate with any ERP and order system
- Integrating with other systems can increase efficiency and reduce manual data entry
- Integration is possible using the out-of-the-box integration entity messages
- Warehouse management only mode can as well be 'integrated' as shared warehouse up against D365 SCM companies out-of-the-box



How does the  
Warehouse  
management only mode  
work?

# Warehouse management only mode

- Master data (Products, etc.)
- Inbound/outbound delivery requests

Other ERP / Intelligent Order Management

- Purchase
- Sales
- Return
- Transfer

MS D365 ERP

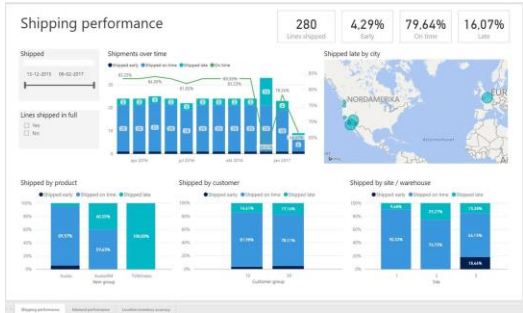
Other integrations (Carriers, material equipment, etc.)

- Delivery status updates
- On-hand updates

Same platform as standard



D365 Warehouse



Warehouse planning and optimization

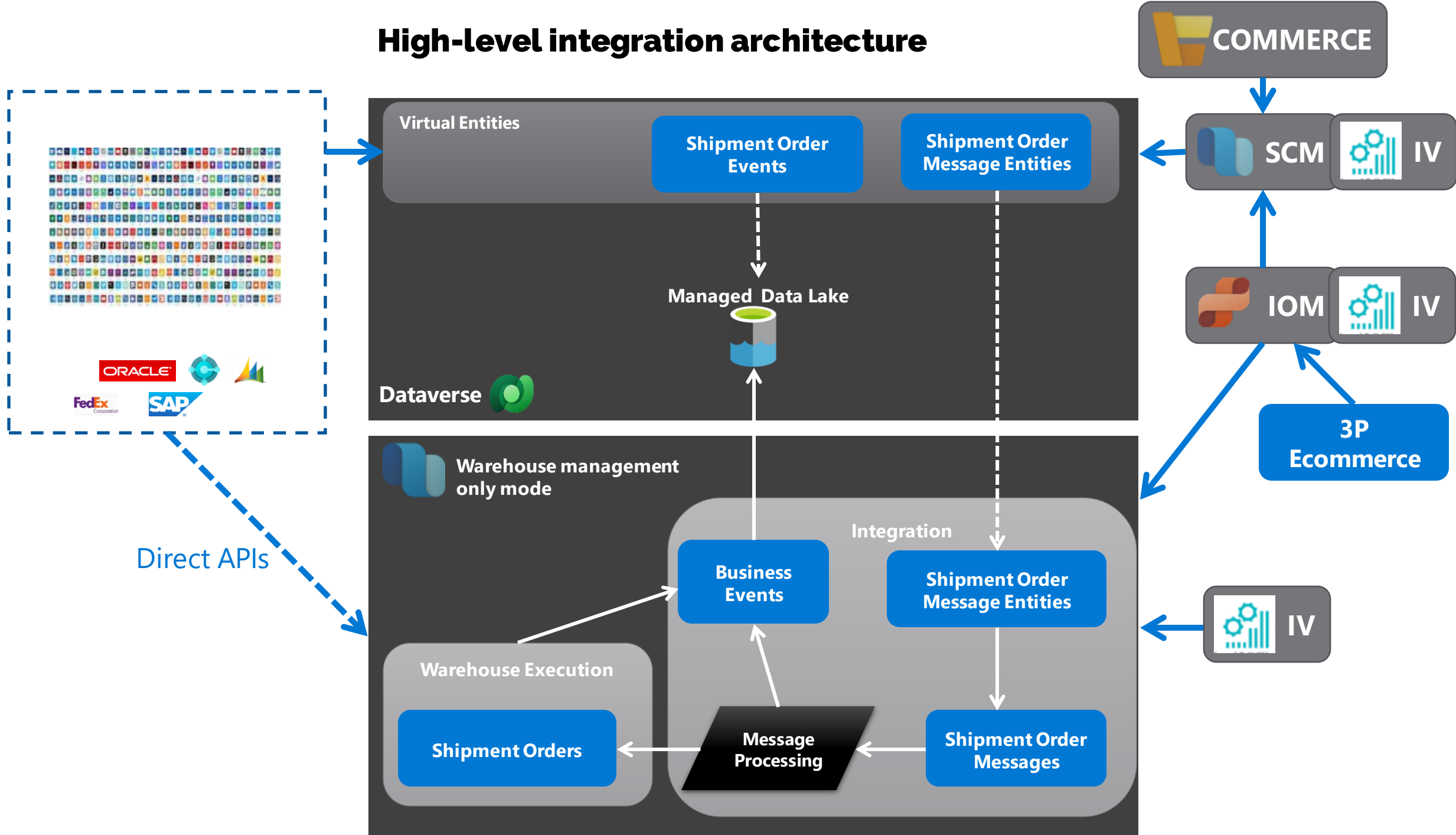
Receive and put away

Outbound wave and Work processing

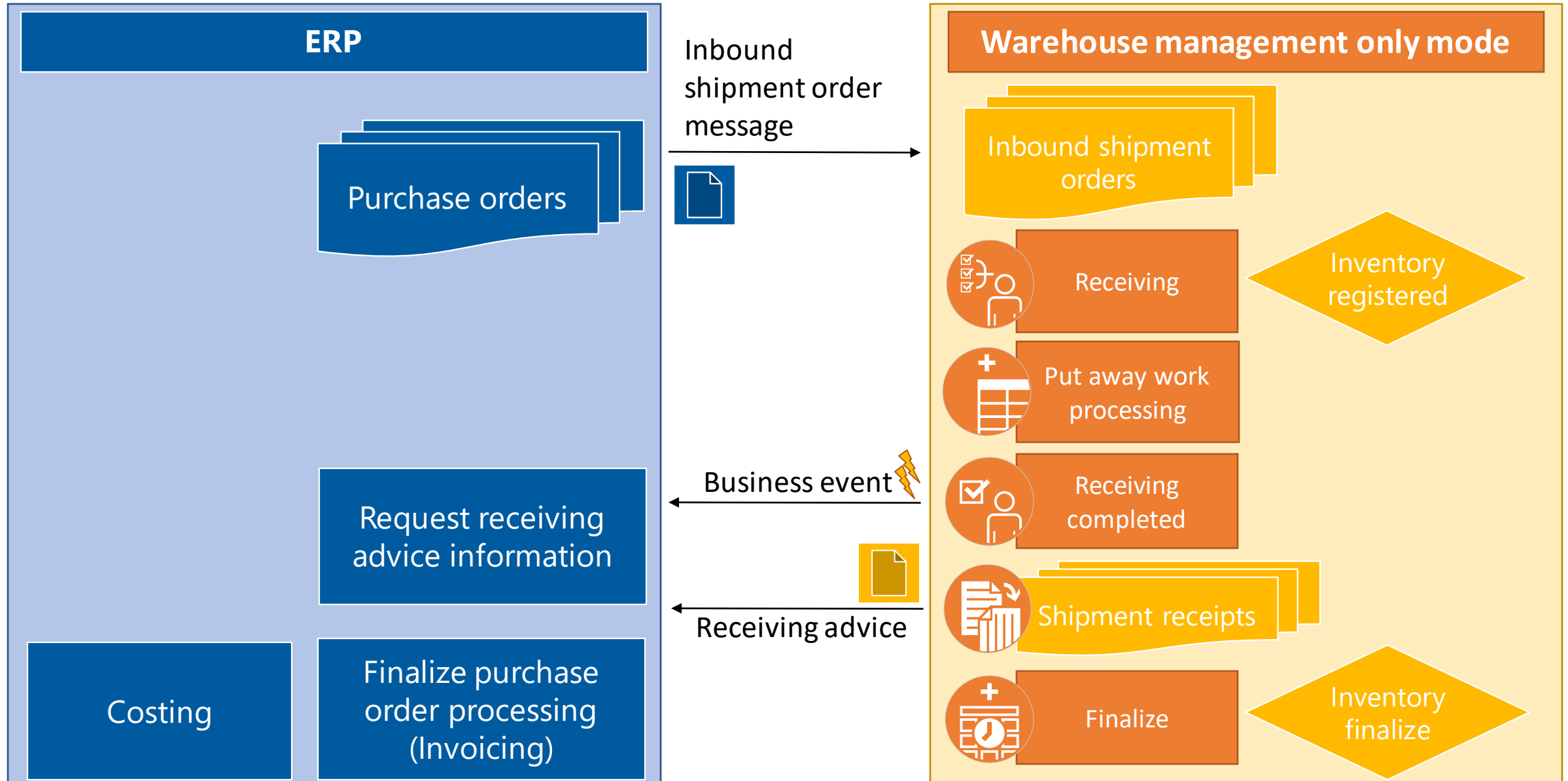
Ship



# High-level integration architecture

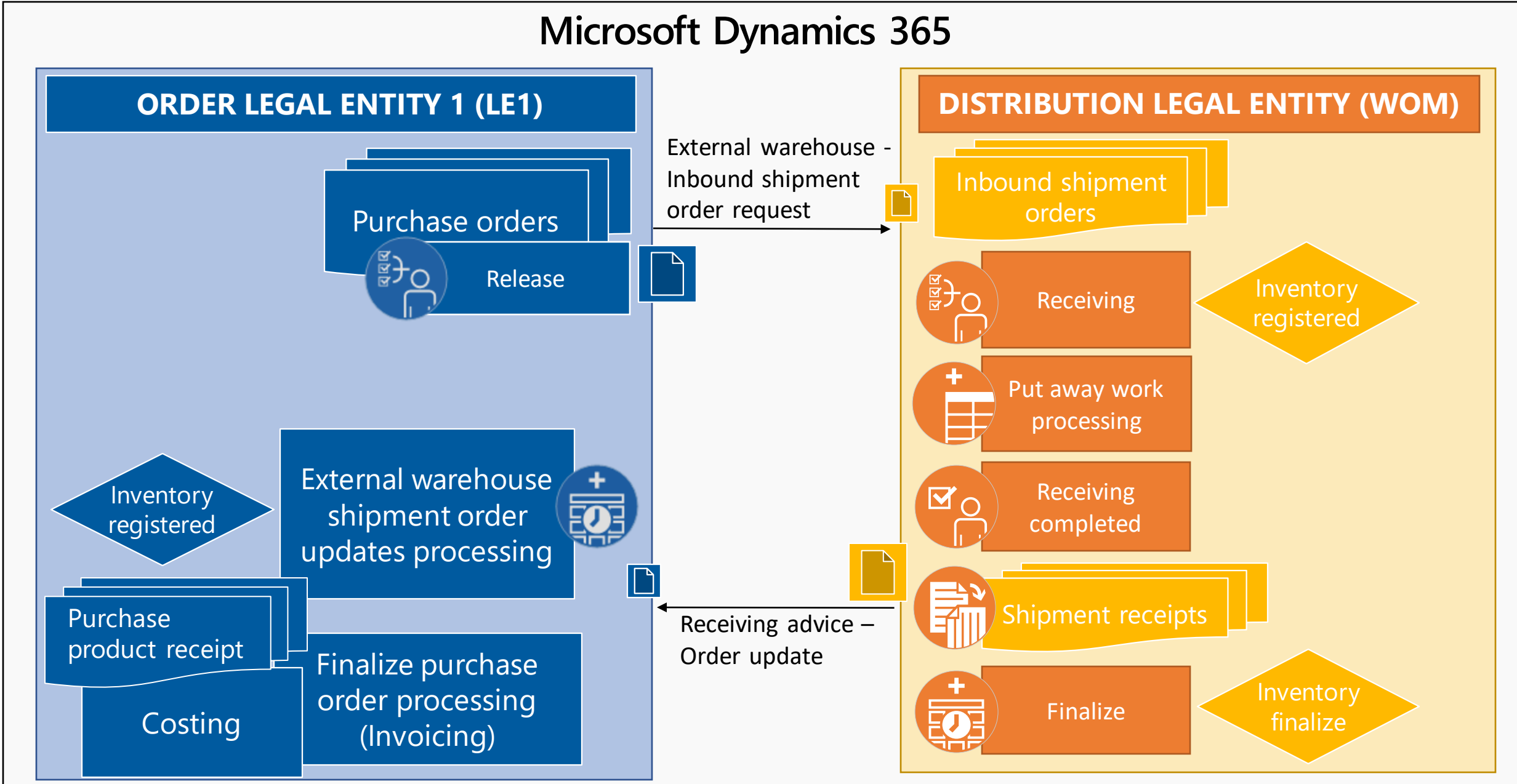


# Inbound processing with external ERP

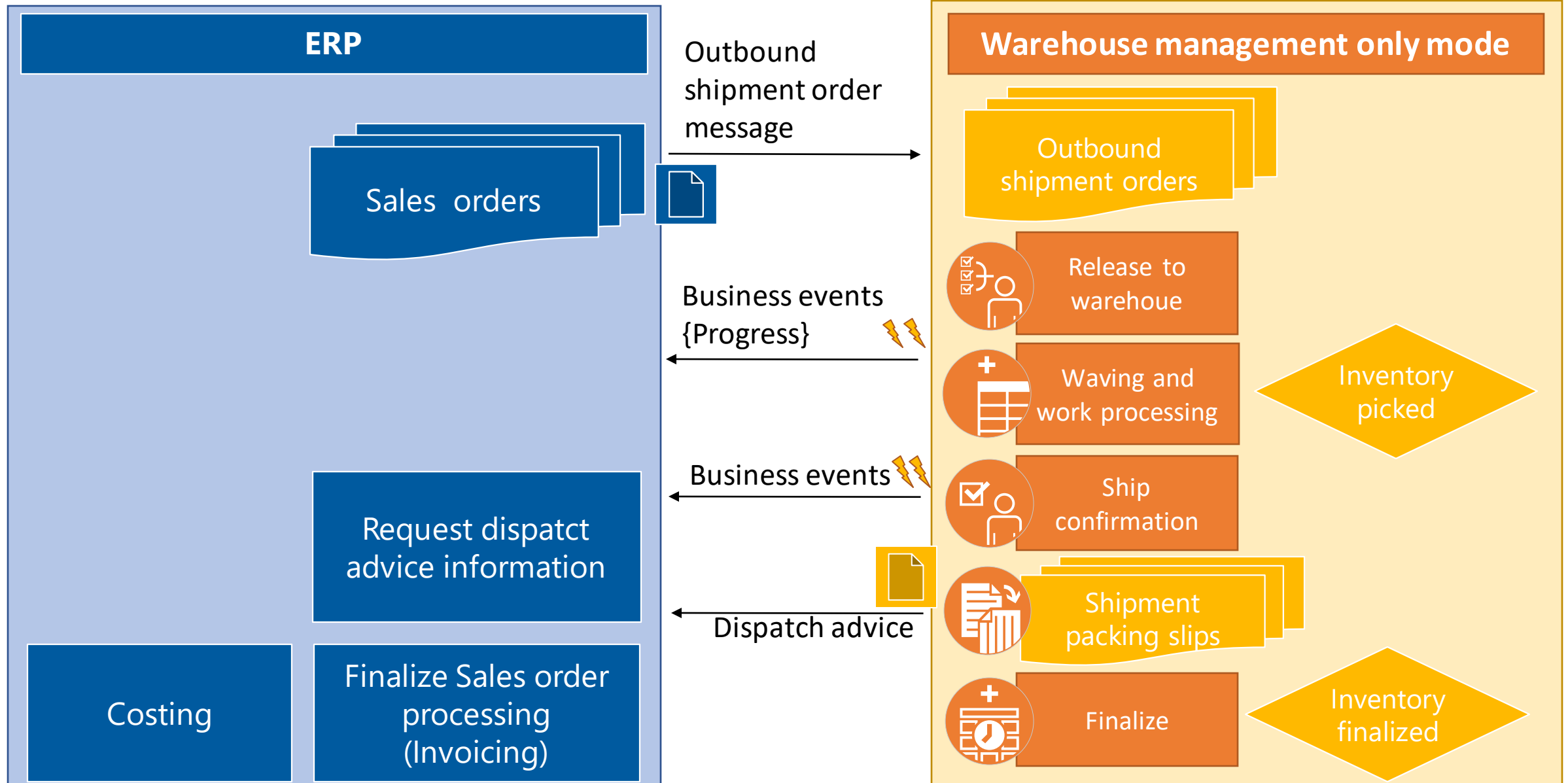


# Inbound processing with external shared warehouse setup

## Microsoft Dynamics 365

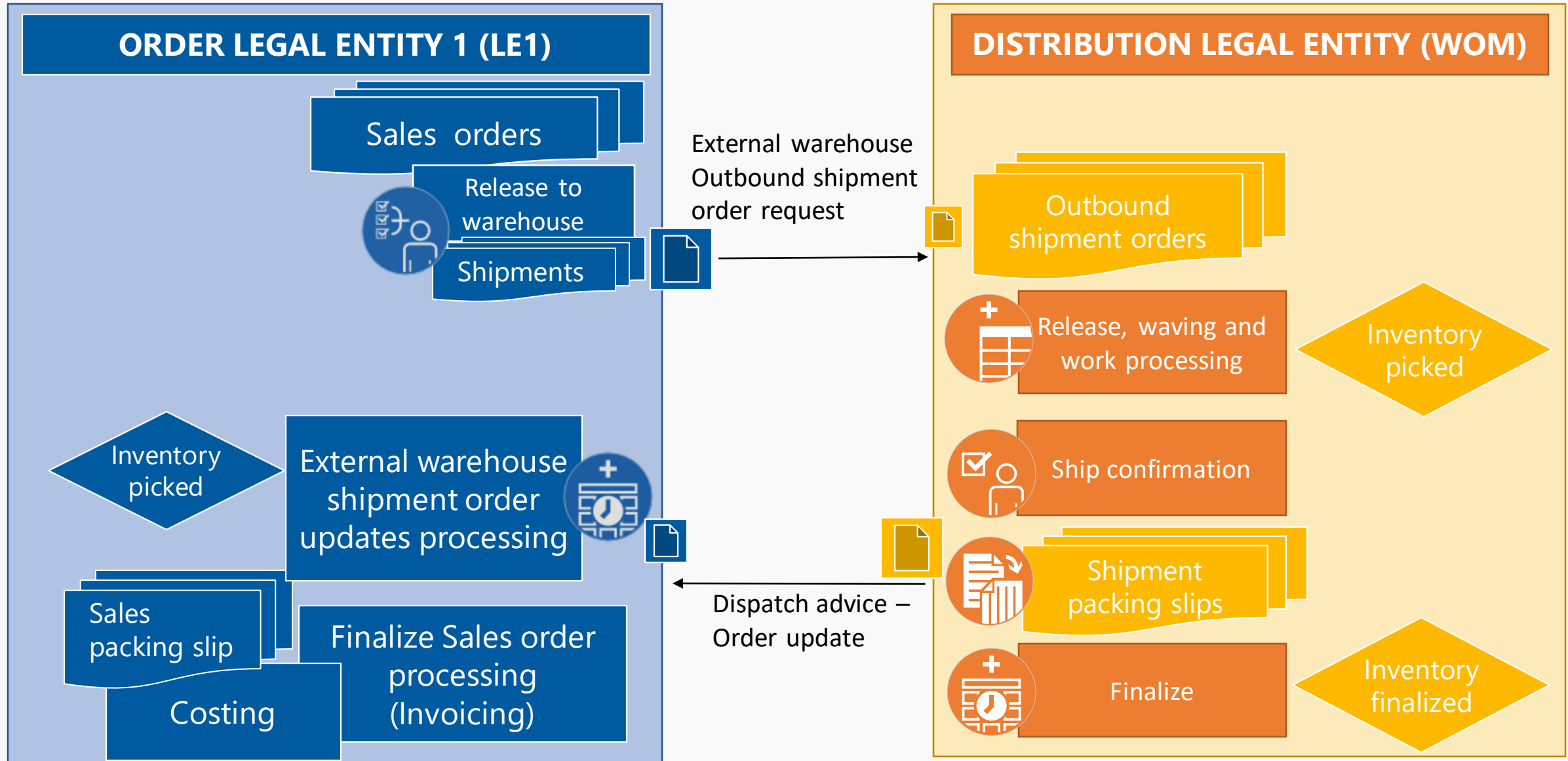


# Outbound processing with external ERP

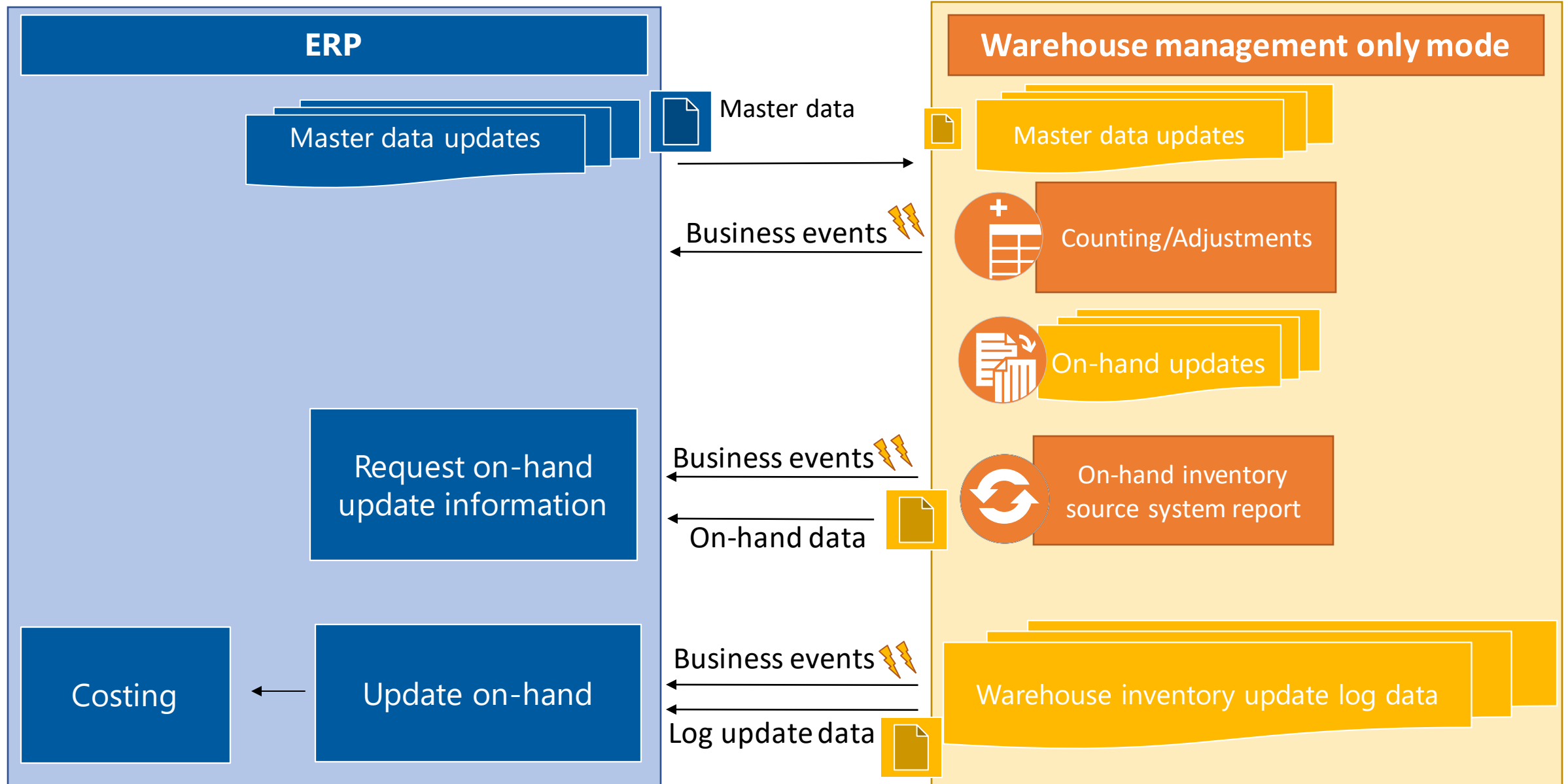


# Outbound processing with external shared warehouse setup

## Microsoft Dynamics 365

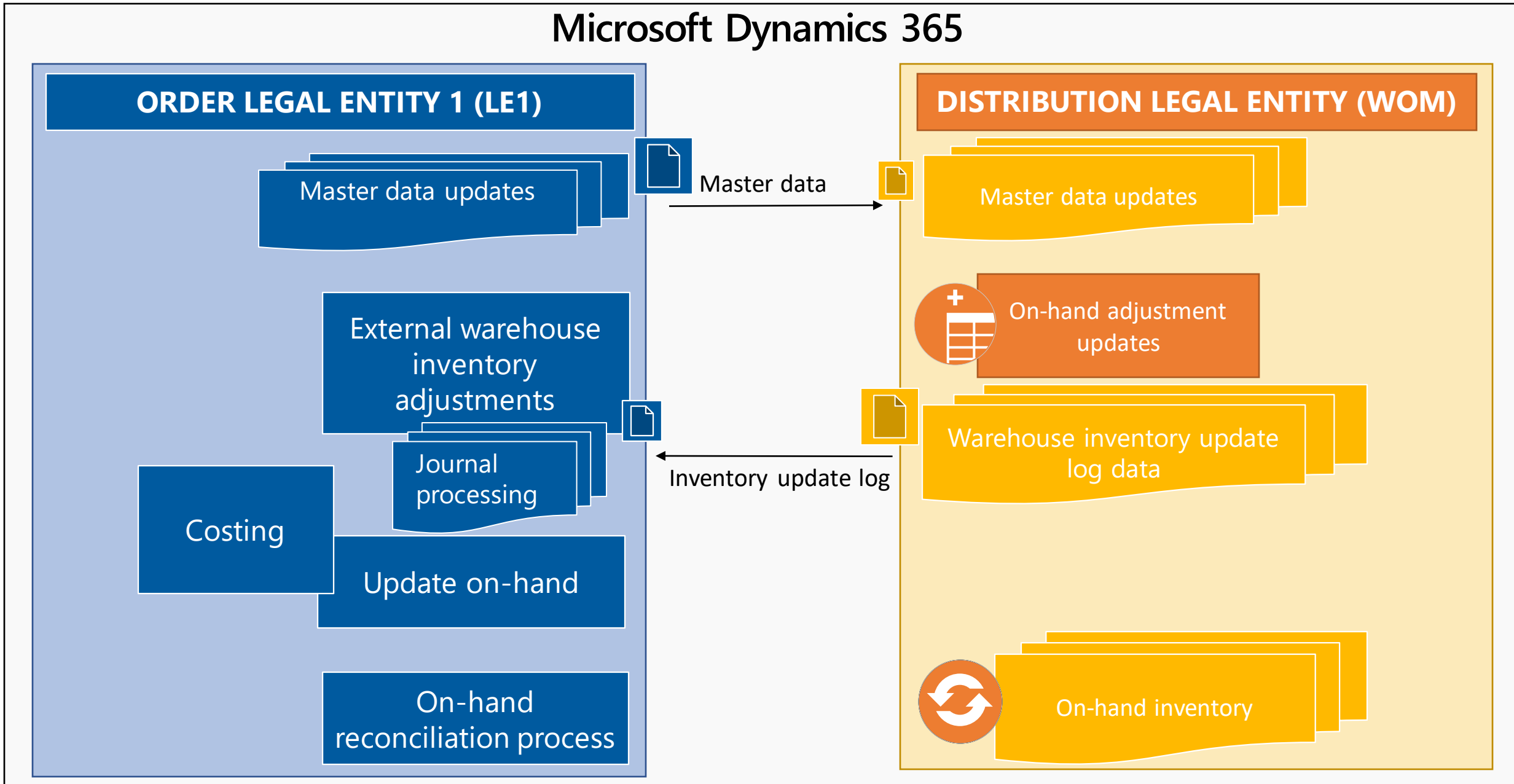


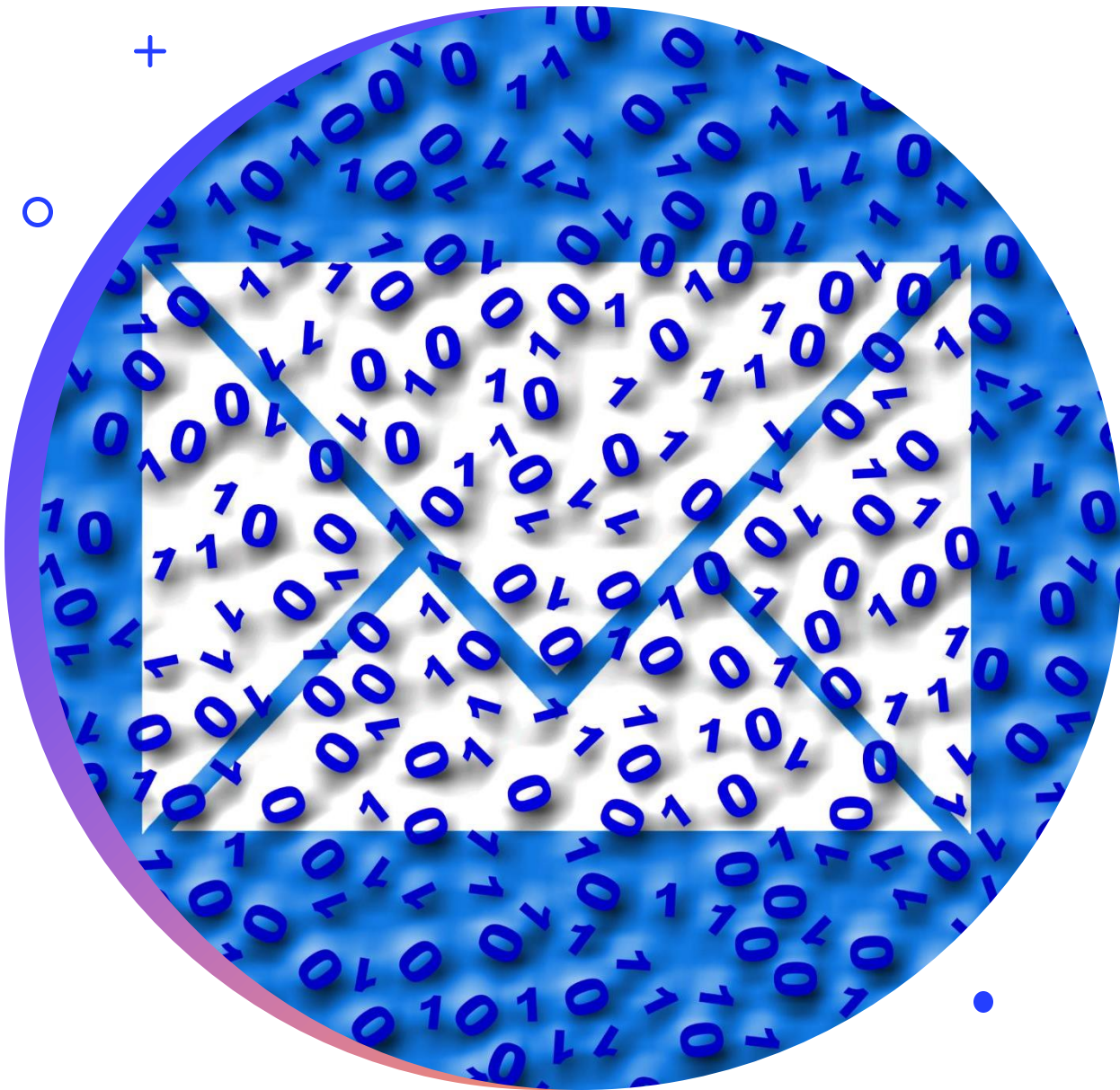
# Warehouse operations with external ERP



# Warehouse operations with external shared warehouse setup

## Microsoft Dynamics 365





What other data, besides shipment orders and on-hand, needs to be shared?

- The product master data must get created in Dynamics 365 SCM
- Product message entities can be integrated with any ERP and order system
- Product master data creation is more efficient and reliable when it uses message entity data instead of manual data entry



# Demo

The image displays two overlapping screenshots from the Dynamics 365 Finance and Operations Preview interface. The left screenshot shows the 'External warehouse inbound shipment' form with the following details:

- Source system order number: 00000125
- External warehouse shipment or...: Accepted
- Version: 1
- Response message: (empty)
- External warehouse inbound ship...: USMF-0000...

The 'General' section includes:

- Receiving warehouse: 24
- Consigner's account number: 1001
- Planned receipt period start: 3/4/2024 12:00:00 AM
- Planned receipt period end: 3/4/2024 12:00:00 AM

The 'Lines' table shows one entry:

| External or... | Item number | Ordered q... | Unit |
|----------------|-------------|--------------|------|
|                | W0007       | 100.00       | ea   |

The right screenshot shows the 'Inbound shipment order' form with the following details:

- Order number: USMF-00000001 (USMF)
- Consigner: Acme Office Supplies
- Address: 711 Louisiana, Houston, TX 77002, USA

The 'Inbound shipment order lines' table shows one entry:

| External or... | Item number | Ordered q... | Unit |
|----------------|-------------|--------------|------|
|                | 1 W0007     |              |      |

Overlaid on the right is a mobile 'Warehouse Management' app interface with the following text:

- Enter inbound shipment order number
- USMF-00000001 (USMF)
- Scan or enter here
- Barcode: 1001
- Barcode: RCV
- Barcode: 1001

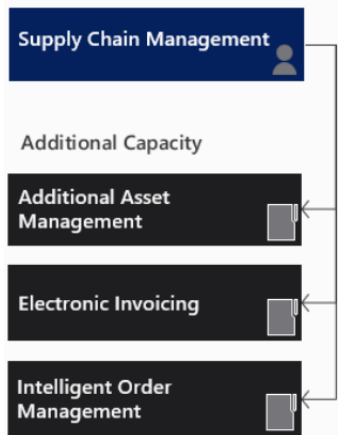
# License information for Warehouse management only mode

## Users license

To use the Warehouse management only mode you must buy “User licenses” for **Microsoft Dynamics 365 Supply Chain Management**.

**The product requires a minimum of 20 user licenses.**

### Dynamics 365 Supply Chain Management



Supply Chain Management provides manufacturers, distributors, and retailers with the real-time visibility and intelligence they need for proactive operations. It unifies data and uses predictive insights from AI and IoT—across order fulfillment, planning, procurement, production, inventory, warehousing, and transportation processes—to maximize operational efficiency, product quality, and profitability. Supply Chain Management is licensed per user and has minimum purchase requirements detailed in the [Product Terms](#).

Supply Chain Management automatically includes Asset Management capacity and Intelligent Order Management capacity. Asset Management capacity is enough for you to manage and maintain up to 100 physical assets throughout their lifecycles. Intelligent Order Management capacity includes 1K order lines. Additional capacity is

available for purchase separately.

Dynamics 365 Supply Chain  
Management

**\$180**

per user/month

Scalable, composable, secure, and streamlined solution for an intelligent supply chain.

Note additional users can get licensed according to use cases like the cheaper “Operations – device” and/or “Operations – Activity user” licenses.

# Resources

- [Leverage Warehouse management only mode to optimize your business - Blog](#)
- [Operating an External Shared Warehouse with Warehouse Management Only Mode - Blog](#)
- [Warehouse management only mode documentation](#)
- [Supply Chain Management Software Pricing | Microsoft Dynamics 365](#)
- Recordings:
  - [Viva Engage External shared warehouse](#)
  - [Tech-Talk - Warehouse management only mode](#)
  - [Viva Engage Partner Architect Community](#)
  - [Accenture/Avanade - WOM presentation](#)
  - [Viva Engage WOM Setup in new LE](#)
  - [Viva Engage WOM customer examples](#)
  - [Viva Engage WOM .35](#)
  - [Viva Engage WOM .36 & .37](#)
  - [Viva Engage WOM .38 & .39 + .40 roadmap](#)

# Thank you!





# Appendix

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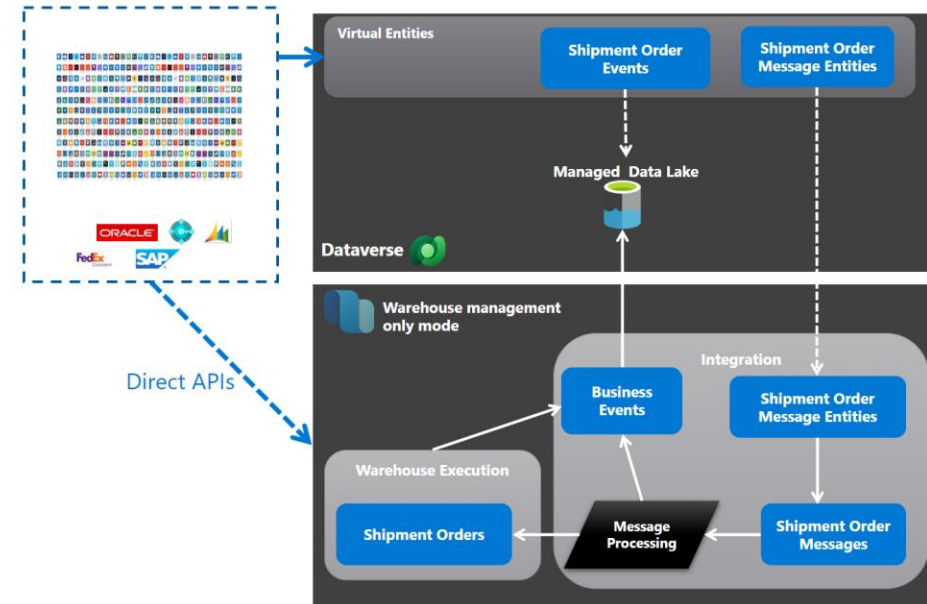


# License information for Warehouse management only mode

## Order lines license

Use of the “Operations – Orders lines license” when importing the *Inbound and Outbound shipment order data* instead of manually entering directly in the D365 SCM pages using “User licenses”.

| Operations Table                       |
|--|
| SALESLINE                              |
| CUSTINVOICELINE                        |
| VENDINVOICEINFOLINE                    |
| PURCHLINE                              |
| LEDGERJOURNALTRANS                     |
| camdatacostobjectcostentry             |
| WHSINBOUNDSHIPMENTORDERLINE            |
| WHSOUTBOUNDSHIPMENTORDERLINE           |
| • PROD JOURNAL TRANS BOM (JOURNAL LINE |



Operations – Order lines is licensed by tenant per month, with an annual commitment, and includes an allowance of 100K transactions per month, enforced annually for a total of 1.2 million transactions. The creation of new order lines and updates to existing order lines count against the 100K transaction allowance. Deletions do not count. If you reach the transaction limit before the subscription year is complete, orders will not be blocked, but you’ll receive warnings and can address the difference on your subscription anniversary by purchasing additional capacity.

## External ERP system

### External system

| PO/SO<br>including<br>financials | Item  | On-hand<br>quantity |
|----------------------------------|-------|---------------------|
|                                  | W0007 | 100                 |
|                                  | W0008 | 130                 |

Purchase and sales  
order shipments



Messaging  
middleware



Inbound and outbound  
shipment orders

## Supply Chain Management

### Distribution legal entity (WOM)

| Warehouse<br>management<br>only mode | Item  | On-hand<br>quantity |
|--------------------------------------|-------|---------------------|
|                                      | W0007 | 100                 |
|                                      | W0008 | 130                 |

# Dynamics 365 Supply Chain Management

**Sales legal entity 1 (LE1)**

| PO/SO including financials | Item  | Owner | On-hand quantity |
|----------------------------|-------|-------|------------------|
|                            | W0007 |       | 100              |
|                            |       |       |                  |

**Sales legal entity 2 (LE2)**

| PO/SO including financials | Item  | Owner | On-hand quantity |
|----------------------------|-------|-------|------------------|
|                            |       |       |                  |
|                            | W0007 |       | 130              |

**Distribution legal entity (WOM)**

| Warehouse management only mode | Item  | Owner | On-hand quantity |
|--------------------------------|-------|-------|------------------|
|                                | W0007 | LE1   | 100              |
|                                | W0007 | LE2   | 130              |

Purchase and sales orders

Inbound and outbound shipment orders



## External ERP system

### Externalsystem

PO/SO  
including  
financials

| Item  | On-hand quantity |
|-------|------------------|
| W0007 | 100              |
| W0008 | 130              |

Purchase and Sales  
order shipments

Messaging  
middleware

Inbound and Outbound  
shipment orders

## Supply Chain Management

Legal entity


Purchase and sales order  
processing

Warehouse  
management

| Item  | On-hand quantity |
|-------|------------------|
| W0007 | 100              |
| W0008 | 130              |
| A0001 | 303              |

Filter

ERP1

Standard view 

## Source systems

Source system  Product master source system

### Outbound shipment orders

|  |   |  |  |   |
|--|---|--|--|---|
| Outbound shipment order fulfill... <input type="text"/>                            | Outbound shipment order conso... <input type="text" value="Always release shipment or..."/> | Order number prefix <input type="text"/> | <b>SHIPMENT PACKING SLIPS POSTING DELAY</b>                              | <b>MANUAL ORDER CREATION</b>  |
| Reservation policy at import <input type="text" value="Require full reservation"/> | Convert cross dock requests to ... <input type="text" value="Never"/>                       | Order number suffix <input type="text"/> | Shipment packing slips posting d... <input type="text" value="0"/>       | Enable manual outbound shipme... <input checked="" type="checkbox"/> Yes  |
| Is reservation policy mandatory <input checked="" type="checkbox"/> Yes            | <b>OUTBOUND SHIPMENT ORDER NUMBERS</b>  |  | Shipment packing slips posting d... <input type="text" value="Minutes"/> | Number sequence code <input type="text"/>                                 |
|  | Internal order number policy <input type="text" value="Use external order number"/>         |  |  | <b>WAREHOUSE INVENTORY UPDATE LOGS</b>                                    |
|  |   |  |  | Enable warehouse inventory upd... <input checked="" type="checkbox"/> Yes |

### Inbound shipment orders

|   |  |  |   |   |
|---|--|--|---|---|
| <b>INBOUND SHIPMENT ORDER NUMBERS</b>   | <b>SHIPMENT RECEIPTS POSTING DELAY</b>                                   | <b>MANUAL ORDER CREATION</b>   | <b>WAREHOUSE INVENTORY UPDATE LOGS</b>                                    | Number sequence code <input type="text" value="ReturnWOM"/> |
| Internal order number policy <input type="text" value="Use external order number"/> | Shipment receipts posting delay <input type="text" value="0"/>           | Enable manual inbound shipmen... <input checked="" type="checkbox"/> Yes | Enable warehouse inventory upd... <input checked="" type="checkbox"/> Yes | Return order type <input type="text" value="Return order"/> |
| Order number prefix <input type="text"/>  | Shipment receipts posting delay ... <input type="text" value="Minutes"/> | Number sequence code <input type="text"/>                                | <b>RETURNS PROCESS</b>  |   |
| Order number suffix <input type="text"/>  |  |  | Enable returns process <input checked="" type="checkbox"/> Yes            |   |

### Source system items

|   |   |   |
|---|---|---|
| <b>ITEM NUMBERS</b>   | Item number prefix <input type="text"/> | <b>NUMBER SEQUENCE</b>                    |
| Internal item number policy <input type="text" value="Use external item number"/> | Item number suffix <input type="text"/> | Number sequence code <input type="text"/> |

### Inbound shipment order policies

### Integration

|   |  |  |   |
|---|--|--|---|
| <b>MESSAGE PROCESSOR</b>  | <b>OUTBOUND SHIPMENT ORDER MESSAGES</b>                                  | <b>INBOUND SHIPMENT ORDER MESSAGES</b>                                   | <b>SOURCE SYSTEM PRODUCT MESSAGES</b>                                     |
| Include message processing log i... <input checked="" type="checkbox"/> Yes | Enable manual outbound shipme... <input checked="" type="checkbox"/> Yes | Enable manual inbound shipmen... <input checked="" type="checkbox"/> Yes | Enable manual source system pr... <input checked="" type="checkbox"/> Yes |



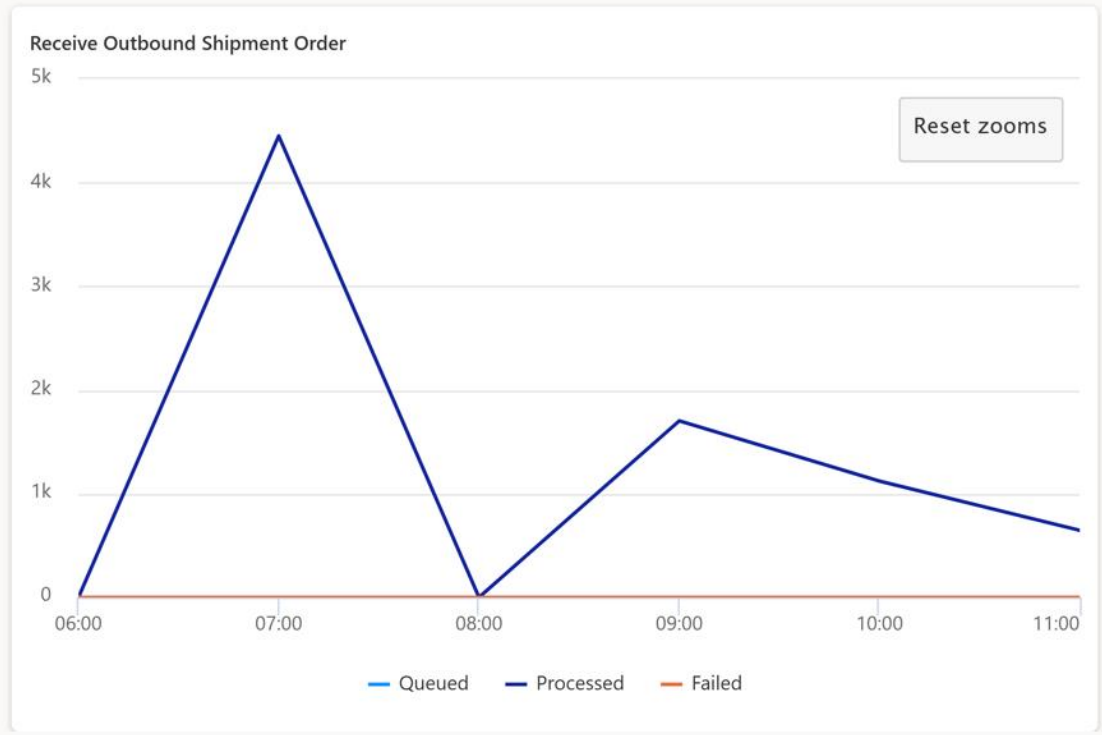
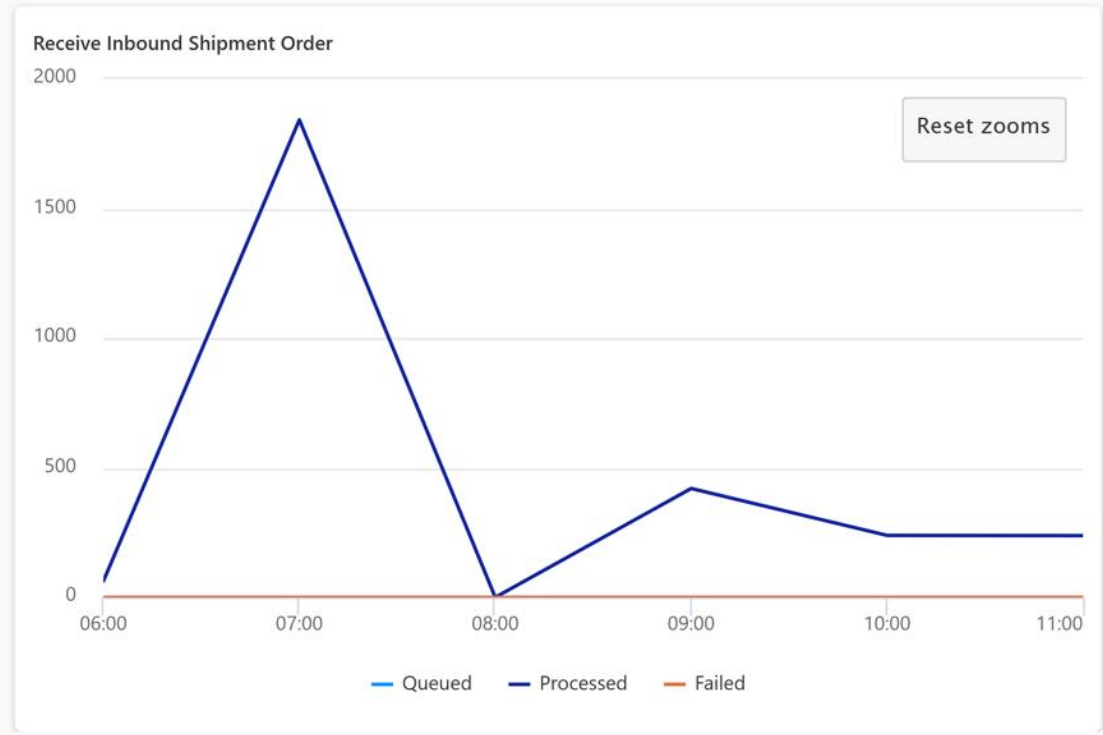
Options

# Warehouse integration monitoring

## Overview

|                                     |                                     |                             |
|-------------------------------------|-------------------------------------|-----------------------------|
| 0<br>Queued Shipment Order Messages | 0<br>Failed Shipment Order Messages | 0<br>Failed Business Events |
|-------------------------------------|-------------------------------------|-----------------------------|

## Messages received



## Links

- [Source systems](#)
- [Business events catalog](#)
- [Message processor messages](#)



Warehouse Receive Options

Loads

Inbound load planning workbench

Inbound shipment orders | Standard view

# IO066633229

Lines Header

### Inbound shipment order header

### Inbound shipment order lines

Display dimensions Transactions Update line Warehouse

| External order line number | Item number | Ordered quantity | Unit | Overdelivery | Underdelivery | Receiving status | Site | Warehouse | Inventory status |
|----------------------------|-------------|------------------|------|--------------|---------------|------------------|------|-----------|------------------|
| 1                          | A0001       | 20.00            | pcs  | 0.00         | 0.00          | Open             | 5    | 51        | Available        |
| 2                          | A0002       | 3.00             | pcs  | 0.00         | 0.00          | Open             | 5    | 51        | Available        |



Warehouse Pick and pack Options

Actions: Release to warehouse | Loads: Outbound load planning workbench

Outbound shipment orders | Standard view

# OSO-000002

Lines Header

## Outbound shipment order header

| CONSIGNEE   | RECEIVER  | WAREHOUSE               |
|---|---|-------------------------|
| Name<br>US-201  | Name<br>Rain Projectors                                 | Release status<br>Open  |
| Address<br>234 S Main St.<br>Pleasanton, CA 945889<br>USA | Address<br>123 Boisenberry St<br>Issaquah, 20005<br>USA | Shipment status<br>Open |

## Outbound shipment order lines

Display dimensions Inventory Update line Warehouse

| Item number | Product name    | Ordered quantity | Unit | Overdelivery | Underdelivery | Release status | Shipment status | Site | Warehouse | Inventory status |
|-------------|-----------------|------------------|------|--------------|---------------|----------------|-----------------|------|-----------|------------------|
| A0001       | HDMI 6' Cables  | 1.00             | pcs  | 0.00         | 0.00          | Open           | Open            | 5    | 51        | Available        |
| A0002       | HDMI 12' Cables | 2.00             | pcs  | 0.00         | 0.00          | Open           | Open            | 5    | 51        | Available        |

## Line details

General Inventory dimensions Cross dock requests

The value 'A0001' in field 'Item number' is not found in the related table 'Items'.

Process Cancel Queue **Options**

Message processor messages

### Standard view

Message type: 
 Message queue: 
 Message state: 
 Message content:

| <input type="radio"/> Message type                   | Message queue   | Message state | Failed attempts | Created date and time |  |
|--|-----------------|---------------|-----------------|-----------------------|--|
| <input type="radio"/> Receive Inbound Shipment Order | Shipment Orders | Failed        | 3               | 3/6/2023 11:10:12 AM  |  |
| <input type="radio"/> Receive Inbound Shipment Order | Shipment Orders | Failed        | 3               | 3/6/2023 11:10:11 AM  |  |

Log Message content

Log [Bundle](#)

| <input type="radio"/> Start date/time      | End date/time        | Next message state | Processing result |  |
|--|----------------------|--------------------|-------------------|--|
| <input type="radio"/> 3/10/2023 8:16:51 AM | 3/10/2023 8:16:51 AM | Processed          | Failed            |  |
| 3/10/2023 8:11:16 AM                       | 3/10/2023 8:11:16 AM | Processed          | Failed            |  |
| 3/6/2023 11:10:56 AM                       | 3/6/2023 11:10:56 AM | Processed          | Failed            |  |

Finance and Operations Preview Work templates

← Edit + New Delete ↑ Move up ↓ Move down Edit query Work header breaks Copy Regenerate sequence numbers Options

Work templates

Standard view

Work order type  
Inbound shipment order

Overview General

| Sequence number | Work template | Work template description | Valid | Automatic... | Work pool ID | Work prior... |
|-----------------|---------------|---------------------------|-------|--------------|--------------|---------------|
| 0               | DE1 Inbound   |                           | ✓     |              |              | 0             |

Work Template Details

+ New Delete ↑ Move up ↓ Move down Work line breaks

| Line number  | Work type | Custom work type | Mandatory | Stop work | Freeze | Directive code | Work class ID |
|--------------|-----------|------------------|-----------|-----------|--------|----------------|---------------|
| 1.0000000000 | Pick      |                  | ✓         |           |        |                | Inbound       |
| 2.0000000000 | Put       |                  | ✓         |           |        |                | Inbound       |

Finance and Operations Preview Work templates

← Edit + New Delete ↑ Move up ↓ Move down Edit query Work header breaks Copy Regenerate sequence numbers Options

Work templates

Standard view

Work order type  
Outbound shipment order

Overview General

| Sequence number | Work template | Work template description | Valid | Automatic... | Work pool ID | Work prior... |
|-----------------|---------------|---------------------------|-------|--------------|--------------|---------------|
| 0               | DE1 Outbound  |                           | ✓     |              |              | 0             |

Work Template Details

+ New Delete ↑ Move up ↓ Move down Work line breaks

| Line number  | Work type | Custom work type | Mandatory | Stop work | Freeze | Directive code | Work class ID |
|--------------|-----------|------------------|-----------|-----------|--------|----------------|---------------|
| 1.0000000000 | Pick      |                  | ✓         |           |        |                | Out Load      |
| 2.0000000000 | Put       |                  | ✓         |           |        | Baydoor        | Out Load      |

Finance and Operations Preview Location directives

← Edit + New Delete ↑ Move up ↓ Move down Edit query Copy Acceptance tests Options

Standard view

Location directives

Sequence number Name  
1 DE1 Inbound Put

Work order type  
Inbound shipment order

Warehouse  
DE1

| Work type | Directive code | Applicable disposition code | Disposition code |
|-----------|----------------|-----------------------------|------------------|
| Put       |                | Exact match                 |                  |

Warehouse selection

| Warehouse selection | Site | Warehouse |
|---------------------|------|-----------|
| Warehouse           | 1    | DE1       |

Lines

+ New Delete ↑ Move up ↓ Move down Restrict by unit

| Sequence ... | From quan... | To quantity | Unit | Locate quantity | Restrict by ... | Round up t... | Locate pac... | Allow s |
|--------------|--------------|-------------|------|-----------------|-----------------|---------------|---------------|---------|
| 1            | 0.00         | 99,999.00   |      | None            |                 |               |               |         |

Location Directive Actions

+ New Delete ↑ Move up ↓ Move down Edit query

| Sequen... | Name            | Fixed location usage          | Allow nega... | Batch enab... | Strategy |
|-----------|-----------------|-------------------------------|---------------|---------------|----------|
| 1         | DE1 Inbound Put | Fixed and non-fixed locations |               |               | None     |

Finance and Operations Preview Location directives

← Edit + New Delete ↑ Move up ↓ Move down Edit query Copy Acceptance tests Options

Standard view

Location directives

Sequence number Name  
1 DE1 Outbound Pick

Work order type  
Outbound shipment order

Warehouse  
DE1

| Work type | Directive code | Multiple SKU             |
|-----------|----------------|--------------------------|
| Pick      |                | <input type="radio"/> No |

Warehouse selection

| Warehouse selection | Site | Warehouse |
|---------------------|------|-----------|
| Warehouse           | 1    | DE1       |

Lines

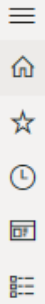
+ New Delete ↑ Move up ↓ Move down Restrict by unit

| Sequence ... | From quan... | To quantity | Unit | Locate quantity | Restrict by ... | Round up t... | Locate pac... | Allow s |
|--------------|--------------|-------------|------|-----------------|-----------------|---------------|---------------|---------|
| 1            | 0.00         | 99,999.00   |      | None            |                 |               |               |         |

Location Directive Actions

+ New Delete ↑ Move up ↓ Move down Edit query

| Sequen... | Name                       | Fixed location usage          | Allow nega... | Batch enab... | Strategy |
|-----------|----------------------------|-------------------------------|---------------|---------------|----------|
| 1         | DE1 Outbound Pick          | Fixed and non-fixed locations |               |               | None     |
| 2         | DE1 Outbound Pick Batch... | Fixed and non-fixed locations | ✓             |               | None     |



Save | Supply and demand | Filters | Options



Inbound load planning workbench

### Standard view

Supply and demand filter

Site:  Warehouse:  Ship date:  Receipt date:

Purchase order lines | Inbound shipment order lines

Display dimensions

| <input type="radio"/>            | Inbound shipment order | External order line number | Item number | Ordered q... | Unit | Inventory ... | Inventory unit | Quantity le... | Weight | Volume | Site | Warehouse |
|----------------------------------|------------------------|----------------------------|-------------|--------------|------|---------------|----------------|----------------|--------|--------|------|-----------|
| <input type="radio"/>            | ERPb703d3f0            | 1                          | A0001       | 10.00        | ea   | 10.00         | Pcs            | 10.00          | 30.00  | 160.00 | 5    | 51        |
| <input checked="" type="radio"/> | ERPf7be4061            | 1                          | A0001       | 10.00        | ea   | 10.00         | Pcs            | 10.00          | 30.00  | 160.00 | 5    | 51        |

### Loads

Delete | Actions | Ship and receive | Rating and routing | Generate | Related information | Transportation

Load filter:   Hide shipped and received

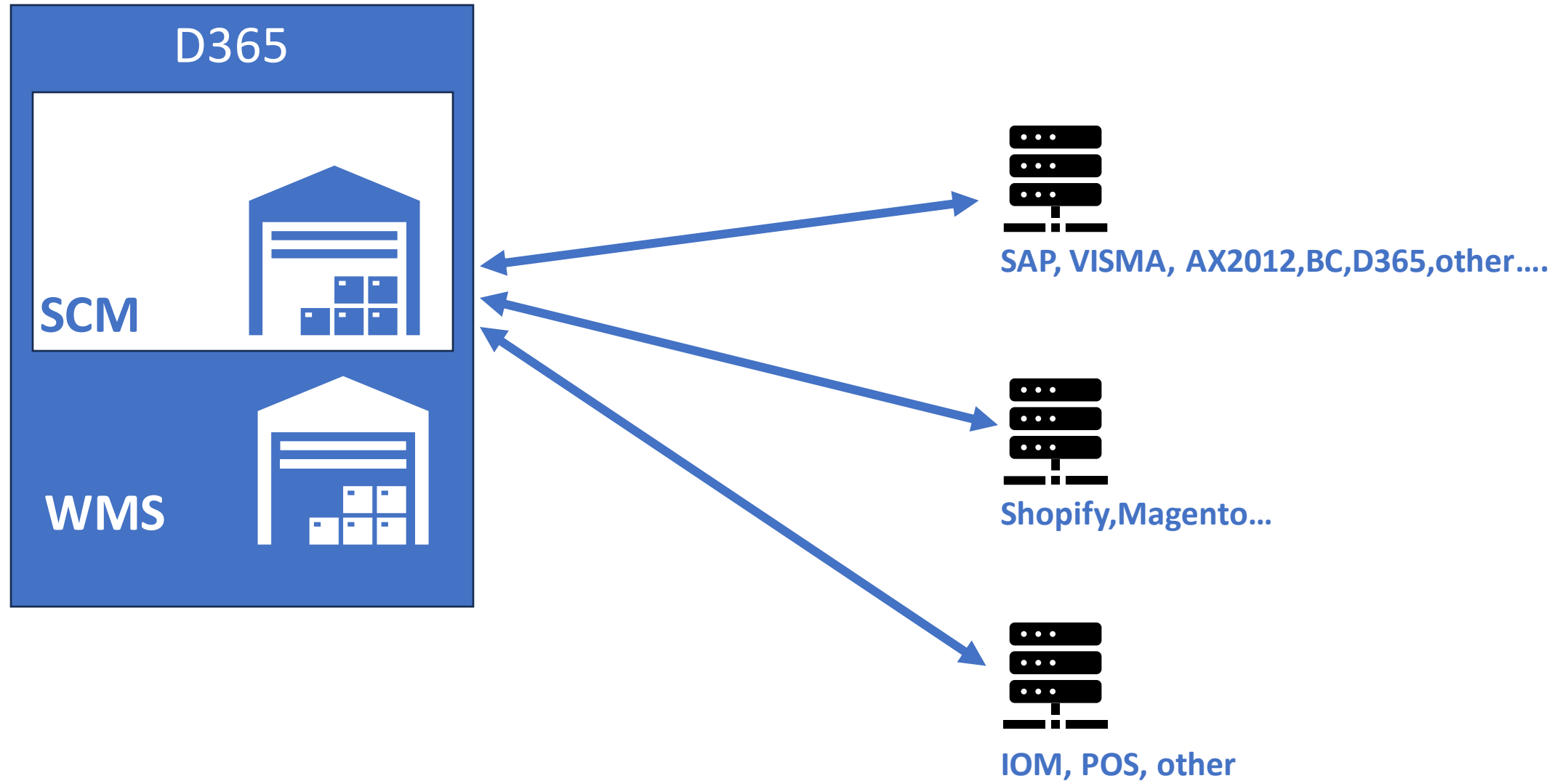
| <input type="radio"/>            |  | Load ID  | ↑ | Invalid                  | Direction | Site | Warehouse | Load lines | Shipments | Incomplet...             | Load status | Scheduled load shipping da... | Load template ID | Total freig... |
|----------------------------------|--|----------|---|--------------------------|-----------|------|-----------|------------|-----------|--------------------------|-------------|-------------------------------|------------------|----------------|
| <input type="radio"/>            |  | 2448e693 |   |                          | Inbound   | 5    | 51        | 1          | 1         |                          | In process  |                               |                  | 10.00          |
| <input checked="" type="radio"/> |  | 9934f402 |   | <input type="checkbox"/> | Inbound   | 5    | 51        | 1          | 1         | <input type="checkbox"/> | Open        |                               |                  | 10.00          |



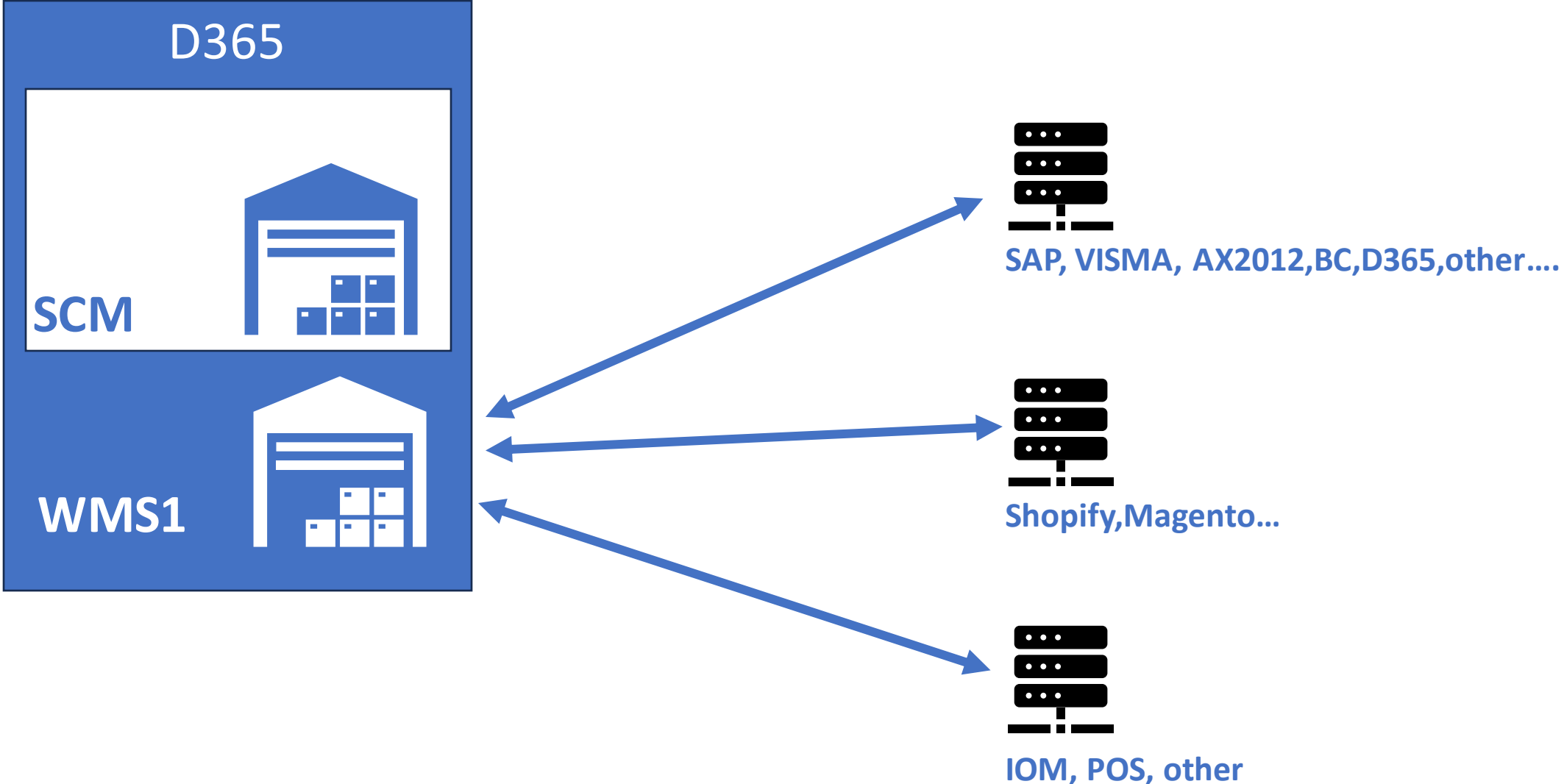


Scenarios for the  
Warehouse management  
only mode capabilities...

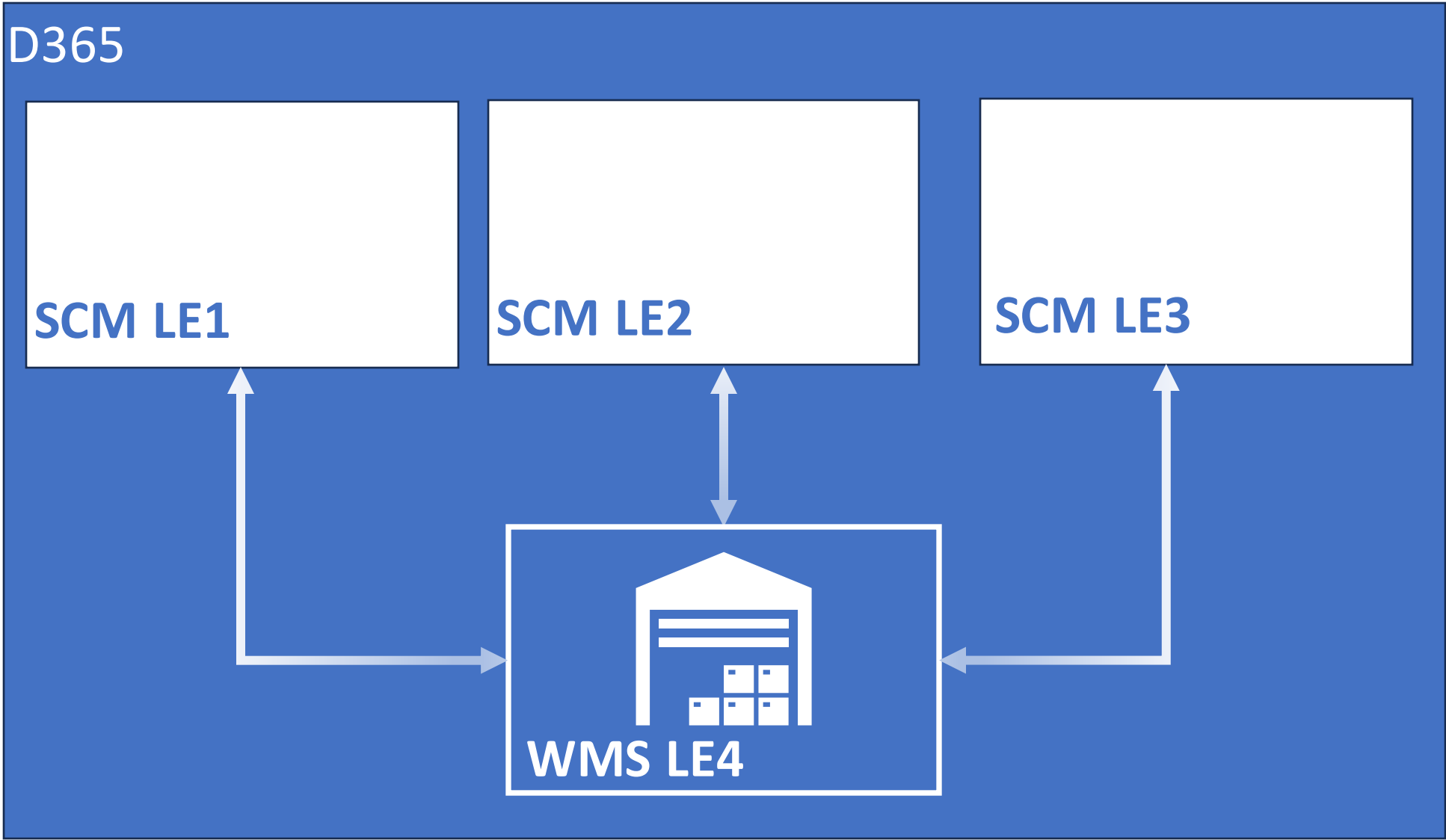
# Scenarios for Warehouse management only mode



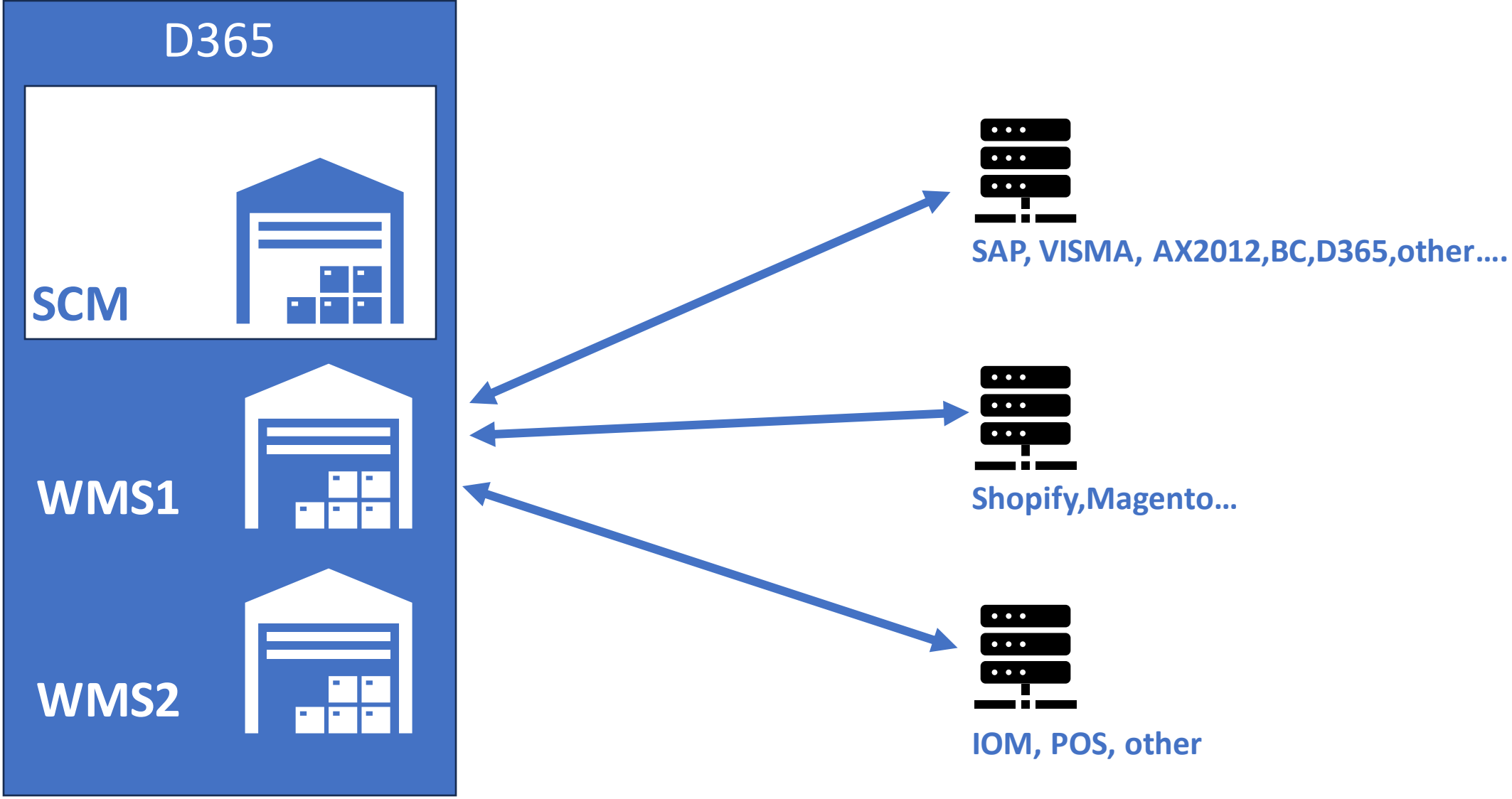
# Scenarios for Warehouse management only mode



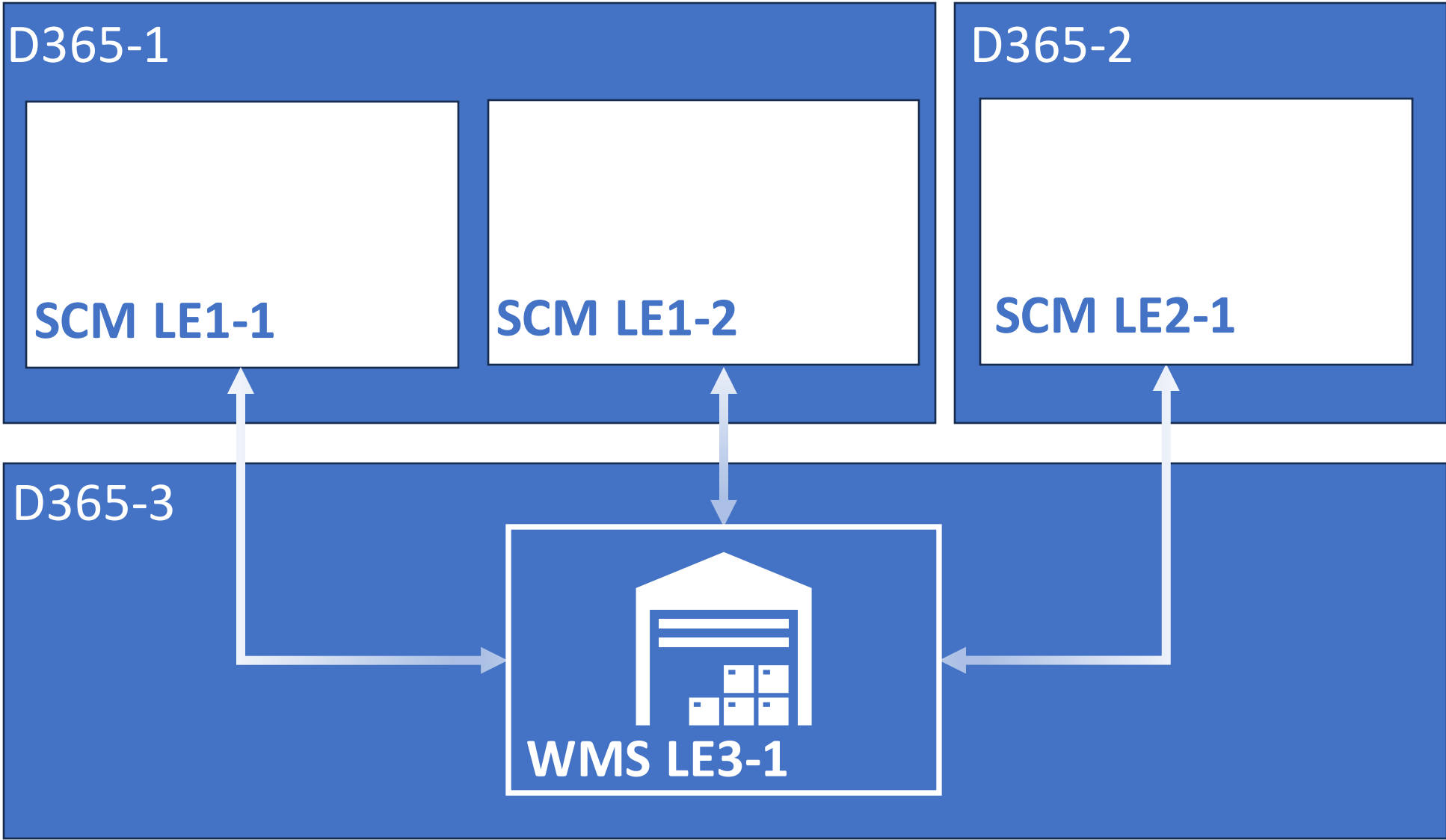
# Scenarios for Warehouse management only mode



# Scenarios for Warehouse management only mode



# Scenarios for Warehouse management only mode



# Thank you!



**Q&A**



**Thank you**