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IN01 – Order Line Instruction Enhancements

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# Enhancement Revision History

| **Changed By** | **Date** | **Version** | **Notes:** | **SFDC** |
| --- | --- | --- | --- | --- |
| S Garla | 2/1/2023 | 0.1 | Original document. |  |
| C Swade | 2/23/23 | 0.2 | Updating logic for RetailReady flag from Boolean to String |  |

# IN01 Order Line Instructions

## Summary Information

|  |  |  |
| --- | --- | --- |
| **Customer Name** | **Customer Code** | **Subproject Code** |
| Duluth Trading | DLHI | DLHI-MAWM-PSO-ADSL-IMPL |

## Overview

| **Functional Area** | **Enhanced** | **Additional Information** |
| --- | --- | --- |
| User Interface (UI) | N |  |
| MHE | N |  |
| RF | N |  |
| Mobile | N |  |
| Reporting | N |  |
| Other | Y | Order Interfaces changes to identify order detail lines that require re-tagging. |

Duluth Trading Adairsville distribution center requires printing of retail hang-tags for certain items that are not “retail ready” as identified by the host. The Item Master field “Item.Extended.RetailReady” is defined to identify items requiring retagging. During Order Interface, MAWM is customized to validate whether each order line requires retagging for eligible order types, and is enhanced to create order line instruction if the item is not “retail ready”.

## Assumptions

1. Items requiring hang-tags are identified by the host system.
2. The change in this extension is to support retag instructions and creates single order line instruction per order line.
3. Retag Instructions maybe leveraged for other channels as well and just not for retail.
4. Instruction text and list of eligible order types are configurable and are maintained in the config store.

## Dependencies

### Code Dependencies

Not required for this extension

### Interface Dependencies

| **Entity** | **Attribute** | **Extended?** | **Requirement** |
| --- | --- | --- | --- |
| Item | RetailReady | Y | Item requires retagging for Retail flow. |
|  |  |  |  |
|  |  |  |  |

## Glossary

| **Active WM Term** | **Description** |
| --- | --- |
|  |  |
|  |  |

# Process Flows

Not required for this extension

# User Interface Changes

Not required for this extension

# Interface Changes

## Original Order

### Original Order Line Instruction

* IF **Order.OrderType** = a value in *ConfigStoreData where ConfigStore.ConfigStoreId = IN01OrderInstruction*
* THEN check each order line for the following
  + IF the OrderLine.ItemId has **Item.Extended.RetailReady = “P”** or **“N”**
  + THEN create OrderLineInstruction record with the following details:
    - **OrderLineInstruction.InstructionType =** “Pack”
    - **OrderLineInstruction.InstructionId** = “Retagging”
    - **OrderLineInstruction.InstructionText** = ConfigStore.ReferenceField1 (where ConfigStore.ConfigStoreId = IN01OrderInstruction)
    - **OrderLineInstruction.Sequence =** Next up counter number starting with 1000. Add 1 to the counter for each new custom OrderLineInstruction.

# MHE

Not required for this extension

# RF

Not required for this extension

# Mobile

Not required for this extension

# Process Change/Addition

Not required for this extension

# Reporting, Label, or Document

Not required for this extension

# Other MA Solutions Impacted

Not required for this extension

# Configuration

### Enable/Disable Extension

### Extended Attributes

| **Component** | **Entity** | **Attrite** | **Type** | **Value** |
| --- | --- | --- | --- | --- |
| Item-Master | Item | RetailReady | String | Default as ‘null’ |
|  |  |  |  |  |

### Messages

| **ErrorDefinitionId** | **ErrorText** | **ShortErrorText** | **Default**  **ErrorLevelId** | **Min**  **ErrorLevelId** | **Max**  **ErrorLevelId** |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

### Config Store

| **ConfigStoreId** | **ConfigStoreData (Configurable)** | **Reference Field1** |
| --- | --- | --- |
| *IN01OrderLineInstruction* | {  "OrderTypes": [  "A",  "B",  "D",  "D2D",  "D2S",  "E",  "F",  "H",  "M",  "N",  "O",  "R",  "U",  "X"  ]  } | This item requires hang-tag. |
|  |  |  |

### Organizations

Not required for this extension

### Profile Impacts

Not required for this extension

### Security

Not required for this extension

# Project Impact Points

## Performance Expectations

Purpose of this section is to identify performance requirements up front

| **Process**  **Step** | **Peak Transaction Rate** | **Max Response** | **95% Response** | **Operational Drivers** |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |

## Technical Impact

N/A

## Project Impact

N/A

## Testing

### General Conditions

| **Condition Name** | **Description and expectations** |
| --- | --- |
| OrderLineItem eligible for Retag - **Yes**  OrderType configured in Config Store (ConfigStoreId: N01OrderLineInstruction  ) - **Yes** | MAWM creates the corresponding customer order records as per base logic. In addition, for order lines that require retagging MAWM creates an OrderLineSpecialInstrucions with the following details:  OrderLineInstruction.InstructionType = Pack  OrderLineInstruction.InstructionId = Retagging  OrderLineInstruction.InstructionText = ConfigStore.ReferenceField1 (where ConfigStore.ConfigStoreId = IN01OrderInstruction)  OrderLineInstruction.Sequence **=** Next up counter number starting with 1000 |
| OrderLineItem eligible for Retag - **Yes**  OrderType configured in Config Store (ConfigStoreId: N01OrderLineInstruction  ) - **No** | MAWM creates the corresponding customer order records as per base logic.  No OrderLineSpecialInstructions created. |
| OrderLineItem eligible for Retag - **No**  OrderType configured in Config Store (ConfigStoreId: N01OrderLineInstruction  ) - **Yes** | MAWM creates the corresponding customer order records as per base logic.  No OrderLineSpecialInstructions created. |
| OrderLineItem eligible for Retag - **No**  OrderType configured in Config Store (ConfigStoreId: N01OrderLineInstruction  ) - **No** | MAWM creates the corresponding customer order records as per base logic.  No OrderLineSpecialInstructions created. |

### Exceptions

| **Condition Name** | **Description and expectations** |
| --- | --- |
|  |  |
|  |  |

# References

Not required for this extension

# Estimates and Acknowledgement

All services provided are pursuant to the terms and conditions of the Acknowledgement for Consulting Services or the Software Services Agreement previously entered into between our respective companies and these Agreements provide that such services are billed at the hourly billing rates in effect at the time services are rendered. This acknowledgement is to cover the estimate given below. Please note that the estimate below is good for only 60 days from the date the quote is provided.

## Estimated Cost

| **Solution:** | **Estimated $** |
| --- | --- |
| Active WM Extension | $12,490  Cost Breakdown:   * 49 hours @ $100/hr ($4,900) * 33 hours @ $230/hr ($7,590) |
| **Total:** | $12,490 |

## Acknowledgement

Your signature is required as proof of acceptance of the extension described above and the estimated cost in order for programming to begin.

|  |  |  |  |
| --- | --- | --- | --- |
| **Manhattan Associates, Inc** | | **Duluth Trading** | |
| **By:**  *Signature* | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | **By:**  *Signature* | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **Name:**  *Printed* | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | **Name:**  *Printed* | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **Title:** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | **Title:** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **Date:** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | **Date:** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |