



Retail Management

Version 5.0



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CHAPTER 1

Preface

This chapter discusses:

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About the audience

This guide is intended for Aptos personnel, partners and customers who are involved in interfacing Merchandising with third-party applications or for implementing the system for the first time.

ANSI and UNICODE

When working with the files described in this document, keep the following in mind:

Files can be imported using ANSI (if there are no Unicode characters) or with Unicode encoding.

If the import file contains Unicode characters, then the file must be saved using the correct encoding.

Description/memo fields can contain Unicode characters, such as Chinese characters. However, the file layout structure, such as record type and action type, must match the values specified in this document. For example, the import record type for an ASN Import header must be set to H regardless of the local language.

All output jobs will generate output files using UTF-8 encoding (and not ANSI).

Technical notes

Alphanumeric field definitions state the maximum number of characters allowed (for example 20 AN specifies that the alphanumeric value has a maximum length of 20 characters). If the value being provided has fewer characters, do not pad with blanks.

Unless otherwise indicated, Integer fields can hold values to a maximum of +/- 2,147,483,647.

Unless otherwise indicated, Small Int fields can hold values to a maximum of +/- 32,767.

Date fields can hold any valid date between Jan 1 1900 and June 6 2079.

Commonly Used Acronyms

EDM - Enterprise Data Management

PROD - Product Management

POM - Purchase Order Management

A&R - Allocations & Replenishment

IM - Inventory Management

Web IM - Web Inventory Management

PM - Price Management

PLU - Price Lookup

IMAT - Invoice Matching

SL - Stock Ledger

MA - Merchandising Analytics

SA - Sales Audit

CRM - Customer Relationship Management

POS - Point of Sale

DCN - Data Connect File - file type for Epicor Point of Sale

PLAN - Planning

AP - Assortment Planning

TBD - To be Determined

About the integration tools

Pipeline

Pipeline is an integration tool used to import and export data to and from the non-.NET modules of Epicor Merchandising (Enterprise Data Management, Product Management, Inventory Management, Price Management, Stock Ledger). It is also used for data management (document cleanup, status changes, etc.) for those modules. There are some exceptions non-.NET module jobs are handled by EAI Server. These will be outlined in the document where appropriate. Each one-way flow of information between two specific modules or applications, and each separate job, is called a Pipeline segment.

Imports and Exports done via Pipeline are generally text, tab-delimited files.

For Imports using Pipeline, Client will place files in the format specified further in this document into specific folders on the Pipeline server (locations to be determined). When the Pipeline import jobs run, they will look to the folders specified to find files to import. There are two Pipeline segments that run to import a file into Merchandising - the first checks the format of the file and brings the data into import tables. If there is an error during this job, then a .ERR file is generated in the folder where the original file was put. The second job will move the information from the import tables to the application tables, and will verify all the business rules associated with the entity or transaction being imported. If there are any errors during the running of this job, they will be visible in Pipeline Administrator.

Services Admin

Services Admin is an integration tool used to import and export data to and from the .NET modules of Epicor Merchandising (Purchase Order Management, Allocations & Replenishment). It is also used for data management (document cleanup, status changes, etc.) for those modules. There are some exceptions where non-.NET module jobs are handled by Services Admin. Imports and Exports done via Services Admin are generally XML files.

For Imports using Services Admin, Client will place files in the format specified further in this document into specific folders on the Pipeline server (location to be determined). When the Services Admin import jobs run, they will look to the folders specified to find files to import.

If errors are encountered, the file with the errors will be moved to a separate folder. The error message will be visible via the front end.

CHAPTER 2

Installing

This chapter discusses:

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About installing Aptos Retail Management

About installing Aptos Retail Management

Before you install Aptos Retail Management, make sure you are familiar with the [Installation overview](#) on page 14 and the system prerequisites.

Bacon ipsum dolor amet pork aliqua capicola non. Frankfurter fugiat aliqua est. Fugiat esse pork belly bresaola capicola ea commodo. Ham jerky ad proident rump tongue. Shank pork loin in alcatra culpa turducken fugiat short ribs laboris est sed.

Installation prerequisites

Before you install Aptos Retail Management make sure you meet these prerequisites.

Note: If you're upgrading see the [Upgrade prerequisites](#) on page 24

Hardware prerequisites

- » Hard disk 80 GB minimum, 128 GB recommended
- » DVD drive

Software prerequisites

- » Processor 64 bit dual processor, 3 GHz
- » Firefox or Chrome
- » Anti-virus and anti-malware software

Recommended peripherals

- » Logitech ConferenceCam solution for meetings with up to 14 participants.
- » Sony High performance HD 720p60 camera with mechanical pan and tilt, and 10x optical zoom.
- » Vidyo Panorama 600 camera

Installation overview

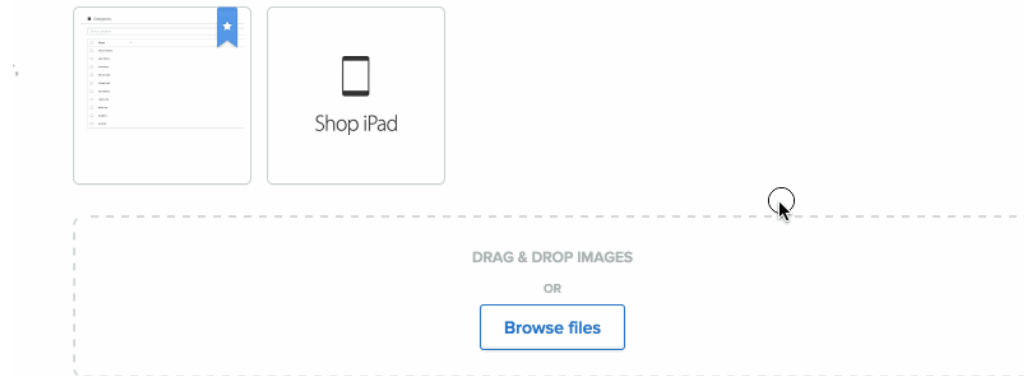
The steps for installing Aptos Retail Management are:

1. Download the installer from the [Aptos Retail download page](#).
2. Extract and run the download package.
3. Run the post-installation script.
4. Configure your settings.

Running the post-installation script

The steps for running the post-installation script are:

1. Create a post-installation script that has the file structure definition shown here.
2. Drag and drop the post-installation script job to run it.



File structure definition

```
< StockStatusAdj > Header elements.... <SKUs> <SKU> Detail elements... </SKU>
</SKUs> <Messages> <Message> Detail elements... </Message> </Mes-
sages></StockStatusAdj>
```

Header

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
Action	Attribute	String	"add" "update" "delete"	Yes	"add" will create a new document. "update" will modify an existing document. "delete" will remove a document.

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
EntityAction	Attribute	String	"Submit" "Cancel" "Reinstate"	No	<p>"Submit" will create a document in submitted status if it does not already exist. If the document already exists, then submit will update an existing preliminary document to Submitted status. When a document is submitted, Inventory will be updated with the content of the document.</p> <p>"Cancel" will cancel the document. The quantities will be backed out from Inventory.</p> <p>"Reinstate" will revert the</p>

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
					stock status document back to pre-liminary status. A new submit transaction is then needed to add the quantities back to inventory.
CompanyId	Attribute	Integer		Yes	The company number that the document resides.
DocumentNo	Element	String 20		No	
DocumentSource	Element	Short	1 2 3	Yes	1 (Aptos Merch) 2 (Aptos WM) 3 (External system). Must always be set to 3 for External System.
ExternalDocNo	Element	String 20		No	

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
SubmitDate	Element	DateTime	yyyy-MMd-dTHH:mm	No	Set to the current date when not provided on a Submit action.
PerformedBy	Element	String 60		No	The person who created the adjustment document.
ExternalSystemName	Element	String 20		No	The system that generated the document.
GroupingLabel	Element	String 20		No	Memo field that can be used for querying.

SKU Details

At least one SKU detail must be defined.

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
Action	Attribute	String	"add" "update" "delete"	Yes	Use "add" to add a new detail to a document, "update" to modify an existing detail of the document and "delete" to remove a detail from the document.
SKUId	Element	Double (13,0)		No	
StyleCode	Element	String 20		*	Required if UPC is not provided.
StyleId	Element	Decimal (12,0)		No	
ColorCode	Element	String		*	Required if style code is provided and style is colored.
ColorId	Element	Short		No	
PrimarySizeLabel	Element	String 8		*	Required if style code is provided and style is sized.
SecondarySizeLabel	Element	String 8		*	Required if style code is provided and style is sized as 2-dimensional.

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
FromStockStatusCode	Element	String 3		Yes	Must be a valid system or user-inventory status that is predefined in EDM.
ToStockStatusCod	Element	String 3		Yes	Must be a valid system or user-inventory status that is predefined in EDM.
LocationCode	Element	String 20		Yes	The location for which the stock status adjustment is being updated for.
LocationId	Element	Short		No	
UnitsToAdjust	Element	Integer	>=0	No	Indicates the number of units to move from the FROM inventory status to the TO inventory status.
UPCNo	Element	String 14		*	Required if style code is not provided.

Message

Tag Name	Tag type	Data Type	Valid Values	Mand	Notes
Action	Attribute	String	"add" "update" "delete"	Yes	Use "add" to add a new message to a document, "update" to modify an existing message and "delete" to remove a message from the document.
MessageTypeDescription	Element	String 20		Yes	Must be a pre-defined message type for transaction type Inventory pre-defined in EDM.
MessageText	element	String 255		Yes	Free form message text.

CHAPTER 3

Upgrading

This chapter discusses:

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About upgrading Aptos Retail

Before you install Aptos Retail Management Aptos Retail, make sure you are familiar with the [Installation overview](#) on page 14 and the [Upgrade prerequisites](#) below.

Bacon ipsum dolor amet pork aliqua capicola non. Frankfurter fugiat aliqua est. Fugiat esse pork belly bresaola capicola ea commodo. Ham jerky ad proident rump tongue. Shank pork loin in alcatra culpa turducken fugiat short ribs laboris est sed.

About upgrading Aptos Retail

Before you install Aptos Retail Management Aptos Retail, make sure you are familiar with the [Installation overview](#) on page 14 and the [Upgrade prerequisites](#) below.

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Upgrade prerequisites

Before you upgrade Aptos Retail Management make sure you meet these prerequisites.

Note: If you're installing, see the [Installation prerequisites](#) on page 13.

Hardware prerequisites

- » Hard disk 80 GB minimum, 128 GB recommended
- » DVD drive

Software prerequisites

- » Processor 64 bit dual processor, 3 GHz
- » Firefox or Chrome
- » Anti-virus and anti-malware software

Recommended peripherals

- » Logitech ConferenceCam solution for meetings with up to 14 participants.

- » Sony High performance HD 720p60 camera with mechanical pan and tilt, and 10x optical zoom.
- » Vidyo Panorama 600 camera

Upgrade overview

If you have a version of Aptos Retail Management earlier than 5.0, you can upgrade your software to the most recent version.

To upgrade from version 4.0

1. Download the installer from the [Aptos Retail download page](#).
2. Extract and run the download package.
3. Run the **Upgrading from version 4.0** on page 69 script.
4. Configure your settings.

To upgrade from version 3.0

1. Download the installer from the [Aptos Retail download page](#).
2. Extract and run the download package.
3. Run the **Upgrading from version 3.0** on page 83 script.
4. Configure your settings.

PO Import

The steps for importing PO information are:

1. Create an XML file that follows the formatting described here.
2. Run the Purchasing.PO Import Services Administration job.

Note: to modify the OrderedUnits of a SKU in PO Details to zero, add the action "delete" in the IOrderDetail tag. For example, <IOrderDetail action="delete">. Adding a zero in the OrderedUnits tag does not set the OrderedUnits to zero.

XSD definition

The XSD file is installed with Merchandising and is called PO Import.xsd.

File structure definition

The PO document has this parent-child structure.

The Purchase Order Import file is an XML file imported via Services Admin. It is recommended to have one purchase order per file. No formal naming convention is specified, but it is recommended to include the PO number referenced in the file in the name of the file. Client will save the files on the application server in the following folder:

The Services Admin job Order Import is used to import the file. This job will both validate and import the POs directly into the Merchandising application. It is recommended that Client validate that their file format is correct using the XSD definition provided later in this section - a free website that can be used for this purpose is: <http://www.freeformatter.com/xml-validator-xsd.html>.

Mandatory nodes for creating a PO using PO Import

```
<IOrder>
  <PO>
    header elements...
    <IOrderLines>
      <IOrderLine>
        PO Line elements...
      </IOrderLine>
    </IOrderLines>
    <IOrderLocations>
      <IOrderLocation>
        PO Location elements...
      </IOrderLocation>
    </IOrderLocations>
```

```
<IOrderShipments>  
<IOrderShipment>  
PO Shipment elements...  
</IOrderShipment>  
</IOrderShipments>  
  
<IOrderDetails>  
<IOrderDetail>  
PO Detail elements...  
</IOrderDetail>  
</IOrderDetails>  
  
</PO>  
</IOrder>
```

Nodes available to be used in the PO Import XML input file

Import PO - the PO Structure with the new nodes to support PO Line Shipment Cost Factors:

```
<?xml version="1.0"?>
<IOrder>
  <PO action="add">
    - <IOrderLines>
      -<IOrderLine>
        </IOrderLine>
      </IOrderLines>
    - <IOrderLocations>
      <IOrderLocation>
        </IOrderLocation>
      </IOrderLocations>
    - <IOrderShipments>
      -<IOrderShipment>
        -<IOrderShipmentUDDs>
          -<IOrderShipmentUDD>
            </IOrderShipmentUDD>
          </IOrderShipmentUDDs>
        <IOrderLineShipments>
          <IOrderLineShipment>
            <IOrderLineShipmentCostFactors>
              <IOrderLineShipmentCostFactor>
                </IOrderLineShipmentCostFactor>
```

```
</OrderLineShipmentCostFactors>  
</OrderLineShipment>  
</OrderLineShipments>  
</OrderShipment>  
</OrderShipments>  
-<OrderDetails>  
<OrderDetail>  
</OrderDetail>  
</OrderDetails>  
</PO>  
</Order>
```

Header

PO Import – element name="PO"

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
action	Attribute	String		"add" "delete" "update"	Yes	<p>The "PO" action: "add" will create a new PO. "update" will modify an existing PO.</p> <p>"delete" will remove a PO.</p> <p>The action values are case sensitive and must be enclosed in quotes.</p>

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
Number	Element	String	20		*	<p>Purchase order document number.</p> <p>When create a new PO:</p> <p>If the document number is provided in the import file, it must be in the manual range of PO numbers specified in the EDM/Parameters/Purchase Orders Masks/Ranges tab.</p> <p>When create a new PO:</p> <p>If the document number is not provided in the import file, then the PO number will be generated by Merchandising following the range defined in the system range</p>

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
						<p>of PO numbers.</p> <p>Number is required (i.e. The PO Number must be provided) when modify an existing PO or delete a PO.</p>

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
Action	Element	String		"Submit" "Approve" "Reject" "Cancel" "Reinstate" "Resubmit" "Delete" "Modify"	No	<p>This is the "EntityAction" that will have an effect on the PO document's PO Status.</p> <p>For example:</p> <p>With the action Submit: a Preliminary PO's PO Status will change from Preliminary to OPEN.</p> <p>With the action Cancel: an OPEN PO's PO Status will change from OPEN to Cancelled.</p> <p>With the action Reinstate: a Cancelled PO's PO Status will change from Cancelled to OPEN.</p> <p>Refer to XML Samples for the Action and the resulting PO</p>

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
						Statuses and Approval Statuses.
VendorCode	Element	String	20		Yes	The code assigned to the vendor who will provide the merchandise on the PO.
PositionCode	Element	String	20		Yes	The code assigned to the employee position that the PO is linked to (i.e. buyer code).
ShipViaCode	Element	String	20		*	<p>The unique identifier defining the method used to ship the merchandise.</p> <p>If create a new PO, ShipViaCode is not required.</p> <p>If modify an existing PO, ShipViaCode must be provided.</p>

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
CountryCode	Element	String	3		Yes	The unique identifier for the country of origin of the merchandise.
CurrencyCode	Element	String	3		Yes	The unique identifier for the currency to be used to pay the vendor.
TermsCode	Element	String	15		Yes	Unique identifier for the agreement with the vendor regarding discounts applicable to the PO. Must be a terms code that is pre-defined in EDM.

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
CarrierCode	Element	String	4		*	<p>Unique identifier for the transportation company that is to be used to deliver the merchandise from the vendor to the receiving locations.</p> <p>If create a new PO, CarrierCode is not required.</p> <p>If modify an existing PO, CarrierCode must be provided.</p>
EDIFlag	Element	Boolean		False, True	No	<p>Indicates whether the PO is an EDI PO. Cannot be modified if the PO status is Open or Partially Received, or if the vendor does not support EDI Transaction Set.</p> <p>850-Purchase Orders.</p>

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
ImportOrderFlag	Element	Boolean		False, True	No	Defines whether the PO is importing merchandise from another country.
SpecialOrderFlag	Element	Boolean		False, True	No	System-set.
MultipleShipmentsFlag	Element	Boolean		False, True	No	System-set.
NewStoreFlag	Element	Boolean		False, True	No	Defines whether the PO was created for a new store.
TicketSource	Element	String		"None" "PO" "POReceipt" "ASN"	*	Determines the document type that will automatically generate price tickets in the ticket printing module. If create a new PO, TicketSource is required. If modify an existing PO, TicketSource is not required.

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
TicketStatus	Element	String		"NotRequired" "NotApplicable" "Required" "PendingPrint" "Printed" "PendingReprint"	No	System-set.
GenerateTicketsFromWarehouse	Element	Boolean		False, True	No	Defaults to False. Determines whether price tickets will be generated by the WMS based on PO quantities.
FOBDescription	Element	String	20		No	A description of the point to which the vendor assumes the shipping costs of the merchandise on the PO and when title passes to the buyer.
Description	Element	String	60		No	Description of PO.

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
Type	Element	String		"Standalone" "Blanket" "Release"	*	Specifies the type of PO. If create a new PO, Type is required. If modify an existing PO, Type is not required.
PredistributionType	Element	String		"Bulk" "Pack-ByStoreDrop-ship" "Pack-ByStoreCross-dock"	*	Defines how the vendor must pack the merchandise and where the merchandise is to be shipped. If create a new PO, Pre-distributionType is required. If modify an existing PO, Pre-distributionType is not required.

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
SystemCancelDate	Element	date-Time		yyyy-MM-ddThh:mm:ss	*	<p>Date on which the PO should be automatically canceled.</p> <p>SystemCancelDate is required if status is other than Preliminary.</p>
OrderDate	Element	date-Time		yyyy-MM-ddThh:mm:ss	No	<p>If not provided, the system will set Order Date to current date.</p>
TermsAsOf	Element	date-Time		yyyy-MM-ddThh:mm:ss	*	<p>A memo field advising Accounts Payable from what date to start applying the terms indicated on the PO.</p> <p>TermsAsOf is required if the 'terms dating basis' value associated with the terms code for this PO is set to PO Date.</p>

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
DiscountLastModified	Element	date-Time		yyyy-MM-ddThh:mm:ss	No	Not applicable.
ExchangeRate	Element	Double			No	Defines how much one unit of the PO's currency is worth in the buyer's currency.
BlanketNumber	Element	String			*	The identifier of a Blanket PO. BlanketNumber is required and only applicable if PO type is Release

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
ApprovalCategory	Element	String		"Blanket" "Release" "Standalone" "Special" "Replenishment"	*	<p>Used in conjunction with PO Type and the PO Approval Parameters to determine whether a PO needs to go through the approval process.</p> <p>If create a new PO, ApprovalCategory is required.</p> <p>If modify an existing PO, ApprovalCategory is not required.</p>

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
Source	Element	String		"POM" "ExternalSystem" "AR" "Sourcing" "AP"	*	Defines where the PO was created from. Must be set to External System when the PO is created outside of Aptos/Sourcing . If create a new PO, Source is required. If modify an existing PO, Source is not required.
ExternalSystemName	Element	String	20		*	Name of the external system that generated the PO. ExternalSystemName is required and only applicable if Source is External System.
ExternalDocumentNumber	Element	String	20		No	Additional identifier of the PO in the external system.

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
ReferenceNumber	Element	String	20		No	A memo field. Cross-reference to another PO.
Agent	Element	String	60		No	It identifies the buyer's agent. An agent facilitates import purchases and its responsibilities could include placing orders, obtaining samples, handling paperwork, and arranging shipments.
Consolidator	Element	String	60		No	A consolidator prepares and ships merchandise for small vendors and could handle merchandise for several vendors at a time.
NumberOfReleases	Element	Short			No	Not applicable.
ReinstatedFlag	Element	Boolean		False, True	No	Not applicable.

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
ReasonCode	Element	String	3		*	ReasonCode is required if Cancelling a PO.
FromDeliveryDate	Element	date-Time		yyyy-MM-ddThh:mm:ss	*	<p>The date the merchandise is started to deliver to the WMS warehouse.</p> <p>FromDeliveryDate is required if the company uses WMS (i.e. the parameter_system.installed_4wall_flag is True) and when create a new PO with PO Status "OPEN" and the receiving location on the PO is with the Warehousing System flag set to Yes.</p>

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
ToDeliveryDate	Element	date-Time		yyyy-MM-ddThh:mm:ss	*	<p>The date the merchandise is finished to deliver to the WMS warehouse.</p> <p>ToDeliveryDate is required if the company uses WMS (i.e. the parameter_system.installed_4wall_flag is True) and when create a new PO with PO Status "OPEN" and the receiving location on the PO is with the Warehousing System flag set to Yes.</p>

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
LineShipmentCostFactorFlag	Element	Boolean		False, True	No	<p>Indicates if cost factors on this PO are maintained at the PO Line level or at the PO Line Shipment level.</p> <p>Note: if this flag is not provided, the system will set it based on the cost factor information provided:</p> <p>Set the flag to False if LineCostFactors are provided;</p> <p>Set the flag to True if LineShipmentCostFactors are provided.</p>

PO Lines

PO Import – element name="IOrderLine"

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Man-d	Notes
action	Attribute	String		"add" "delete" "update"	No	"add" will add a new line to a PO. "update" will modify an existing PO line. "delete" will remove a PO line. Actions are case sensitive and must be enclosed in quotes.
LineNumber	Element	Integer			Yes	The line number on the PO. Unique per document.
LineType	Element	String		"Style" "Pack" "Pseudo"	Yes	Defines the type of merchandise in the line.

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
StyleCode	Element	String	20		*	StyleCode is required only if LineType is Style or Pseudo. Must not be provided if LineType is Pack. A vendor style code can be provided if the LineType is Style.
ColorCode	Element	String	3		*	ColorCode is required only if LineType is Style. Must not be provided if LineType is Pack or Pseudo.
PackCode	Element	String	20		*	PackCode is required only if LineType is Pack. Must not be provided if LineType is Style or Pseudo.

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
FirstCost	Element	Double			Yes	The gross cost in PO currency per unit of the style being ordered. Cost before discounts and cost factors are applied.
BlanketPOLineNumber	Element	Integer			*	Line number on the Blanket PO to which this PO Line applies. BlanketPOLineNumber is required and only applicable if PO is a Release PO.
RepeatOrderFlag	Element	Boolean		False, True	No	Indicates is PO line is a repeat order. Defaults to False.
StorePackFlag	Element			False, True	No	Indicates if the PO line will be ordered and allocated as a store pack. Not applicable if LineType = Pack. Defaults to False.

PO Locations

PO Import – element name="!OrderLocation"

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Man-d	Notes
action	Attribute	String		"add" "delete" "update"	No	"add" will add a new location to a PO. "update" will modify an existing PO location "delete" will remove a location from a PO. Actions are case sensitive and must be enclosed in quotes.
LocationCode	Element	String	20		Yes	The code of the location where the merchandise will be received.

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
OldLocationCode	Element	String	20		*	OldLocationCode is required and only applicable if the action for this level is 'update' AND you are changing the location code.
PricingExchangeRate	Element	Double			No	Not applicable.

PO Shipments

PO Import – element name="!OrderShipment"

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
action	Attribute	String		"add" "delete" "update"	No	"add" will add a new shipment to a PO. "update" will modify an existing PO shipment. "delete" will remove a shipment from a PO. Actions are case sensitive and must be enclosed in quotes.
ExpectedReceiptDate	Element	dateTime		yyyy-MM-ddT 00:00:-00	Yes	The date the merchandise is expected to be received at the receiving location. If the action for this level is 'Update' AND you are changing the expected receipt date, then this is the new date. Note: Time must be set to 00:00:00.

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
OldExpectedReceiptDate	Element	dateTime		yyyy-MM-ddT00:00:00	*	OldExpectedReceiptDate is required and only applicable if the action for this level is 'Update' AND you are changing the expected receipt date. Otherwise it is not needed in the file. Note: Time must be set to 00:00:00.
EstimatedShipmentPercent	Element	Double			Yes	The amount of the merchandise expected in this shipment. Must be set to 100 if multiple shipments are not being used.
ShipViaCode	Element	String	20		No	The identifier defining the method used to ship the merchandise. This is the Ship Via Code defined for the PO Shipment.

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
OldShipViaCode	Element	String	20		*	OldShipViaCode is required and only applicable if the action for this level is 'Update' AND you are changing the PO Shipment Ship Via Code. Otherwise it is not needed in the file.
CountryCode	Element	String	3		No	The unique identifier for the country of origin of the merchandise. This is the Country Code defined for the PO Shipment.
OldCountryCode	Element	String	3		*	OldCountryCode is required and only applicable if the action for this level is 'Update' AND you are changing the PO Shipment Country Code. Otherwise it is not needed in the file.

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
CarrierCode	Element	String	4		No	Unique identifier for the transportation company that is to be used to deliver the merchandise from the vendor to the receiving location(s). This is the Carrier Code defined for the PO Shipment.
OldCarrierCode	Element	String	4		*	OldCarrierCode is required and only applicable if the action for this level is 'Update' AND you are changing the PO Shipment Carrier Code. Otherwise it is not needed in the file.
FOBDescription	Element	String	20		No	A description of the point to which the vendor assumes the shipping costs of the merchandise on the PO and when title passes to the buyer. This is the FOB Description defined for the PO Shipment.

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
OldFOBDescription	Element	String	20		*	OldFOBDescription is required and only applicable if the action for this level is 'Update' AND you are changing the PO Shipment FOB Description. Otherwise it is not needed in the file.

PO Import – element name="IOrderShipmentUDD"

PO Shipments User Defined Dates, a child node of PO Shipments.

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
action	Attribute	String		"add" "delete" "update"	No	"add" will add a new shipment UDD to a PO. "update" will modify an existing PO shipment UDD. "delete" will remove a shipment UDD from a PO. Actions are case sensitive and must be enclosed in quotes.
PODateTypeCode	Element	String	3		Yes	A code defining the date code description or instruction.

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
OldPODateTypeCode	Element	String	3		*	OldPODateTypeCode is required if the action for this level is 'Update' and you are modifying the date. This member carries the user defined date code that is on file for this shipment. Otherwise, this element need not be included in the XML file.
UserDefinedDate	Element	dateTime		yyyy-MM-ddT hh:mm:ss	Yes	The user-defined date that the shipment is expected to be received at the receiving location.

PO Import – element name="IOrderLineShipmentCostFactor"

PO Line Shipment, a child node of PO Shipments.

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
action	Attribute	String		"add" "delete" "update"	No	<p>"add" will add a new line cost factor to a PO.</p> <p>"update" will modify an existing PO line cost factor.</p> <p>"delete" will remove a PO line cost factor</p> <p>Actions are case sensitive and must be enclosed in quotes</p>
LineNumber	Element	Integer			Yes	Must correspond to the LineNumber at the PO Line Level; unique per document.

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
ExpectedReceiptDate	Element	dateTime		yyyy-MM-ddThh:mm:ss	Yes	<p>The date the merchandise is expected to be received at the receiving location.</p> <p>Note: Time must be set to 00:00:00.</p>

PO Import – element name="lOrderLineShipmentCostFactor"

PO Line Shipment Cost Factors, a child node of PO line shipment.

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
action	Attribute	String		"add" "delete" "update"	No	<p>"add" will add a new line cost factor to a PO.</p> <p>"update" will modify an existing PO line cost factor.</p> <p>"delete" will remove a PO line cost factor.</p> <p>Actions are case sensitive and must be enclosed in quotes.</p>

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
CostFactorCode	Element	String	15		Yes	Yes, if modifying the cost factor; in that case, this value is the new cost factor.
CurrencyIndicator	Element	String		"POCurrency" "DomesticCurrency"	No	Not modifiable via PO Import.
Amount	Element	Double			No	The per unit cost factor amount.
Percent	Element	Double			No	The per unit cost factor percent.
CostFactorEstimateMethod	Element	String			No	Not modifiable via PO Import.

PO Details

PO Import – element name="IOrderDetail"

PO Details. To remove units from a specific PO detail, you must delete the PO detail. You must not use action "update" to set **OrderedUnits** to 0.

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
action	Attribute	String		"add" "update" "delete"	No	
LineNumber	Element	Integer			Yes	Must correspond to the LineNumber at the PO Line Level; unique per document.
LocationCode	Element	String	20		Yes	The code of the location where the merchandise will be received.
ExpectedReceiptDate	Element	dateTime		yyyy-MM-ddT hh:m-m:ss	Yes	The date the merchandise is expected to be received at the receiving location. Note: Time must be set to 00:00:00.

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
TotalOrderedPseudo-Cost	Element	Double			*	<p>The total ordered pseudo style in cost for this line location shipment.</p> <p>TotalOrderedPseudo-Cost is required and only applicable if style type is Pseudo.</p>
TotalOrderedPseudo-Retail	Element	Double			*	<p>The total ordered pseudo style in retail for this line location shipment.</p> <p>TotalOrderedPseudo-Retail is required and only applicable if style type is Pseudo.</p>
OrderedUnits	Element	Integer			Yes	<p>If line is a Style or Pseudo, then this is the ordered units for a SKU.</p> <p>If line is a Pack, then this is the units in pack quantities.</p>
ReleasedUnits	Element	Integer			*	

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
PackCode	Element	String	20		*	PackCode is required if the line contains a pack, otherwise must not be provided.
SizeMasterCode	Element	String	17		*	SizeMasterCode is required if the line contains a style, either this element or upc_number must be included; if UpcNumber is included, it takes precedence.
UPCNumber	Element	String	14		*	The UPC of the item being ordered. UPCNumber is required if the line contains a style, either this element or SizeMasterCode must be included; if UpcNumber is included, it takes precedence.

PO Line Cost Factors

PO Import – element name="IOrderLineCostFactor"

PO Line Cost Factors, child node of PO Lines.

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
action	Attribute	String		"add" "delete" "update"	No	"add" will add a new line cost factor to a PO. "update" will modify an existing PO line cost factor. "delete" will remove a PO line cost factor Actions are case sensitive and must be enclosed in quotes.
CostFactorCode	Element	String			Yes	Yes, if modifying the cost factor; in that case, this value is the new cost factor.

Tag Name	Tag Type	Data Type	Max Length	Valid Values	Mand	Notes
OldCostFactorCode	Element	String			*	OldCostFactorCode is required if modifying the cost factor. In that case, this is the existing value of the cost factor. Otherwise, this element should not be included in the xml file.
CurrencyIndicator	Element	String		"POCurrency" "DomesticCurrency"	No	
Amount	Element	Double			No	The per unit cost factor amount.
Percent	Element	Double			No	The per unit cost factor percent.
CostFactorEstimateMethod	Element	String			No	

Invoice Matching

This chapter contains invoice matching data load and export information.

Upgrading from version 4.0

The steps for importing invoice information are:

1. Create a tab-delimited text file conforming to the import layout described in this chapter.
2. Run segment 16008: Text File to Invoice Matching Import Tables.
This segment loads the invoice text file into IMAT import tables.
3. Run segment 22000: IMAT Import to Invoice Matching. This segment loads the invoices from the IMAT import tables into Invoice Matching, and creates the invoice document. **Note:** If you need to export locations, see [Location export](#).

Header

Field #	Name	Mand	Value	Notes	Notes for 810
01	Entity Type	Yes	IH	Invoice header.	
02	Action Type	Yes	A	'A'dd.	
03	Invoice Number	Yes	22 AN		BIG02
04	Vendor Code	Yes	20 AN	Vendor code must match the mask setup in system parameters.	REFIV internal vendor or mapped sender id

Field #	Name	Mand	Value	Notes	Notes for 810
05	Transaction Type	Yes	2 N	20= Invoice 21=RTV Debit Memo 22=Debit Memo 23=Credit Memo 26=Discount Debit Memo 27=Discount Credit Memo	
06	Referenced Invoice Number		22 AN	If the document is an adjustment to the invoice (Debit Memo, Credit Memo, Discount Debit Memo, Discount Credit Memo) then it must reference an existing Invoice Number for the same vendor.	
07	Payment Status code		2 N	Defaults to 1. 1= Unpaid 2=Paid via Letter of Credit 3=Paid via Manual Check 4=Paid via System Check 5=Vendor Check Offset.	1
08	Invoice Date	Yes	Date	Date of invoice. This date will be used in the invoice object to get the appropriate currency conversion rate. Format: mm/dd/yyyy.	BIG01

Field #	Name	Mand	Value	Notes	Notes for 810
09	Terms		15 AN	Remains optional but if entered must exist in system.	
10	Due Date		Date	Mandatory if terms not entered. Date by which invoice should be paid. Format: mm/dd/yyyy.	ITD06
11	Discount Date		Date	Date by which invoice must be paid to avoid losing discounts subject to terms. Format: mm/dd/yyyy.	ITD04
12	Exchange Rate		Float (8) precision 53	Defaults to the vendor currency's exchange rate if not provided.	CUR03
13	Currency		3 AN	Must exist in system. Defaults to the vendor's currency if not provided.	CUR02
14	Remit to Vendor		20 AN	Identifies the supplier to whom the cheque will eventually be issued. Supplier must exist in system.	
15	Payment Reference Number		30 AN	Optional and only set when payment status >=2 (Paid via letter of credit).	



Note: Due date and discount date can be calculated based on terms entered. If only Terms are given then we calculate the due and



discount date. If Terms, Due Date and Discount date are all entered then the Due/Discount date will not be recalculated.

Reference

Field #	Name	Mand	Value	Notes	Notes for 810
01	Entity Type	Yes	IR	Invoice reference.	
02	Action Type	Yes	A	'A'dd.	
03	Reference Type	Yes	2 N	<p>Values from 0-20. Must exist in Invoice matching vendor parameters.</p> <p>0 = Not Available 1 = Purchase Order Number 2 = ASN Number 3 = Supplier Credit 4 = Supplier Invoice 5 = Supplier Cheque 6 = Return Authorization Number.</p>	<p>REF different for each type except P.O</p> <p>If not cross-referenced not supported by EDI</p> <p>1=not supported by REF supplied in BIG04 segment</p> <p>3=NB</p> <p>4=IV</p>
04	Reference Number	Yes	20 AN	Document/reference value	REFO2 except P.O # which is BIG04

Field #	Name	Mand	Value	Notes	Notes for 810
05	Location Code		20 AN	If the reference type = 1: PO and the validity flag = 'Y'es then it will automatically be set to the location on the PO else it is optional.	N104=location code When N101=BY N103=92
06	Invoice Number	Yes	22 AN		BIG02

Discounts – Cash discounts

Field #	Name	Mand	Value	Notes	Notes for 810
01	Entity Type	Yes	ID	Invoice discounts.	
02	Action Type	Yes	A	'A'dd.	
03	Discount Applicability Group	Yes	1 N	Values 1-9. Indicates to which invoice charges to apply the discount in question.	

Field #	Name	Mand	Value	Notes	Notes for 810
04	Sequence Number	Yes	2 N	Preserves sequence in order to apply discounts correctly when affecting net. Discount #1 = Sequence 1 Discount #2 = Sequence 2 Discount #3 = Sequence 3	Sequence of SAC segment. Vendor must be advised that SAC segments must appear in order of discount application
05	Discount Type	Yes	20 AN	Must exist in system.	SAC02 Code must map to a code in system
06	% or Amount	Yes	1 N	1=Percent 2=Amount.	If SAC07 Percent present then use SAC07, if not use SAC05 amount. Only one or the other is acceptable.
07	Discount Value	Yes	N	The % or Amount in supplier currency. Percent value: 999.99 inclusive; Amount value: 999 999 999.99 inclusive.	Percent=SAC07 Amount=SAC05

Field #	Name	Mand	Value	Notes	Notes for 810
08	Base calculation on	Yes	1 N	1=Gross Cost 2=Net Cost 3=Balance.	SAC06 1=3 2=4 3=7
09	Reflect Discount in Cost	Yes	Y/N	Whether the discount amount will be deducted from the net discountable amount.	"Y"
	Reflect in Net Cost	Yes	Y/N	Defines whether the discount amount is to be deducted from the cost of the items to which it applies or accounted for separately. If reflect in net cost = 'Y' then subject to terms must be 'N', or the invoice will be rejected.	"Y"
11	Subject to Terms	Yes	Y/N	Defines whether the discount in question may be lost if the invoice is not paid by its due date.	"N"
12	Invoice Number	Yes	22 AN		BIG02



Note: For discounts, trade discounts must be provided before cash discounts, or the invoice will be rejected.

Charges (Subledger)

Field #	Name	Mand	Value	Notes	Notes for 810
01	Entity Type	Yes	IS	Invoice changes (subledger).	
02	Action Type	Yes	A	'A'dd.	
03	GL distribution type	Yes	2 N	1= Amount To Be Matched 3=ITC (Input Tax Credit Receivable) 7= Invoice Charges Not Requiring Matching (freight, insurance, etc) 8=Memo Items.	
04	Charge Code		30 AN	Must be an existing cost factor code in EDM. Mandatory when distribution type is not 1 or 3.	SAC01 must be type C, SAC02 charge code linked to account #
05	Discount Applicability Group	Yes	1 N	1 = Discountable Item, -1 = Reversal Discountable Item.	

Field #	Name	Mand	Value	Notes	Notes for 810
06	Gross Amount Foreign	*	N	Mandatory when Net Amount Foreign not given and GL distribution type is not 3. Defaults to 0 when GL distribution type is 3. Gross Amount Foreign in invoice currency associated with the account in question. Maximum value: 999 999 999.99 inclusive.	SAC05 when SAC06 =3
07	Net Amount Foreign	*		Mandatory when GL distribution type is 3.	
08	Tax Type Code	*	5 AN	Only used when GL distribution type = 3; set to the value in the GL distribution set detail's Tax Type value. Note: You must set a value.	
09	Invoice Number	Yes	22 AN		BIG02

Charge (Subledger) Tax Override

Field #	Name	Mand	Value	Notes	Notes for 810
01	Entity Type	Yes	CT	Invoice charge (subledger) tax override.	
02	Action Type	Yes	A	'A'dd.	
03	Invoice Number	Yes	22 AN		BIG02

Field #	Name	Mand	Value	Notes	Notes for 810
04	GL distribution type	Yes	2 N	Must match the GL distribution type of the corresponding invoice charge record; Can only be 1 or 7.	
05	Charge Code		30 AN	Must match the charge code of the corresponding invoice charge record.	SAC01 must be type C, SAC02 charge code linked to account #
06	Tax Type Code		5 AN		Set to the Tax Type defined for the invoice's vendor's jurisdiction
07	Tax Rate Code		6 AN		It is a valid tax rate code for the tax type defined.

Item Detail

Field #	Name	Mand	Value	Notes	Mapped Segment
01	Entity Type	Yes	II	Invoice item detail.	
02	Action Type	Yes	A	'A'dd.	
03	Style Type		Int	This column is not used currently and should be blank.	

Field #	Name	Mand	Value	Notes	Mapped Segment
04	UPC		14 N	Must exist in PROD.	qualifier “UP” or “EN” Actual UPC IT107,09,11 etc
05	Vendor Style	*	40 AN	Does not need to exist in PROD.	Qualifier “VA” Style IT107,09,11 etc
06	Style Code	*	20 AN	Does not need to exist in PROD.	Qualifier “IT” Style IT107,09,11 etc
07	Pack Code	*	20 AN	Does not need to exist in PROD.	Qualifier “CA” Style IT107,09,11 etc
08	Color Description		20 AN	Does not need to exist in PROD.	Qualifier “BO” or “VE” if “BO” present then use “BO” color IT107,09,11 etc
09	Size Code		16 AN	Does not need to exist in PROD.	Qualifier “IZ” or “SZ” or “SM” if “SZ” present then use “SZ” actual size at Style IT107,09,11 etc if “BO” present use
10	Units	Yes	7 N	May not be zero.	IT102

Field #	Name	Mand	Value	Notes	Mapped Segment
11	Gross Price		N	Mandatory when Net Amount not given. Gross price in invoice currency. Maximum value: 999 999 999.99 inclusive.	IT104
12	Net Price		N	Mandatory when Gross Amount not given. Net price in invoice currency. Maximum value: 999 999 999.99 inclusive.	
13	Invoice Number	Yes	22 AN		BIG02

Detail Tax Override

Field #	Name	Mand	Value	Notes	Notes for 810
01	Entity Type	Yes	DT	Invoice detail tax override.	
02	Action Type	Yes	A	'A'dd	
03	Invoice Number	Yes	22 AN		BIG02
04	UPC		14 N	Must match the UPC of the corresponding invoice detail record.	qualifier "UP" or "EN" Actual UPC IT107,09,11 etc
05	Vendor Style		40 AN	Must match the Vendor Style of the corresponding invoice detail record.	Qualifier "VA" Style IT107,09,11 etc

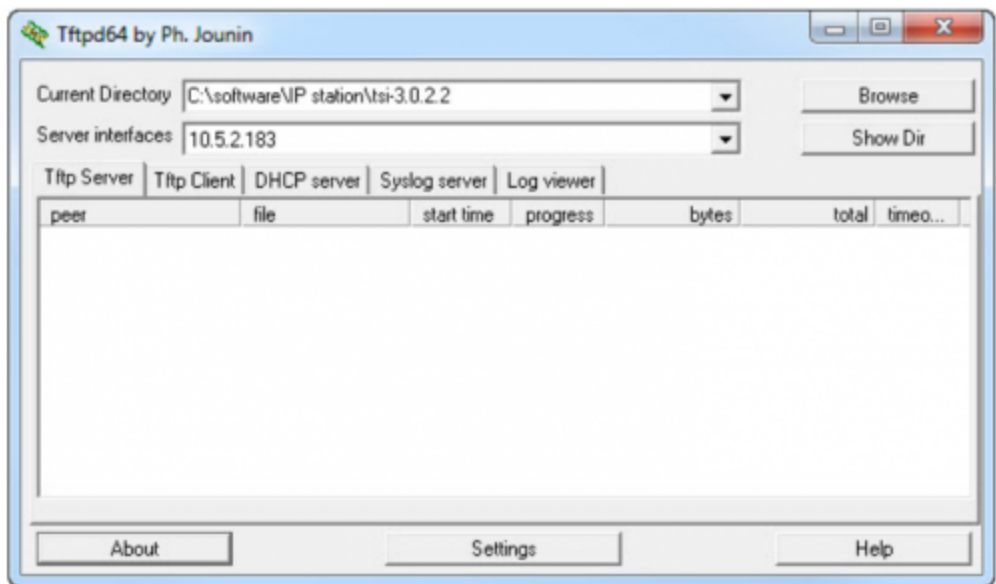
Field #	Name	Mand	Value	Notes	Notes for 810
06	Style Code		20 AN	Must match the Style Code of the corresponding invoice detail record.	Qualifier "IT" Style IT107,09,11 etc
07	Pack Code		20 AN	Must match the Pack Code of the corresponding invoice detail record.	Qualifier "CA" Style IT107,09,11 etc
08	Color Description		20 AN	Must match the Color Description of the corresponding invoice detail record.	Qualifier "BO" or "VE" if "BO" present then use "BO" color IT107,09,11 etc
09	Size Code		16 AN	Must match the Size Code of the corresponding invoice detail record.	Qualifier "IZ" or "SZ" or "SM" if "SZ" present then use "SZ" actual size at Style IT107,09,11 etc if "BO" present use
10	Tax Type Code	Yes	5 AN	Set to the valid tax defined for the invoice's vendor's jurisdiction.	
11	Tax Type Code	Yes	6 AN	Set to the valid tax rate code that is applicable to tax type (e.g. standard, special, exempt).	

Message

Field #	Name	Mand	Value	Notes
01	Entity Type	Yes	IM	Invoice message.
02	Action Type	Yes	A	'A'dd.
03	Message Type	Yes	20 AN	Must exist in system as an Invoice Matching message type.
04	Message	Yes	255 AN	Must adhere to the maximum length restriction on the message type.
05	Invoice Number	Yes	22 AN	

Upgrading from version 3.0

After you've upgraded to the most recent version of Aptos Retail Management, create a script with this format, and run the segment 7000 job.



Be sure to replace the header files for each location with the scripts appropriate to each. When the job is complete, check the log and make sure there are no gremlins or teddy bears. If there are, call a Park Ranger or Aptos Customer Support, whichever you can find the quickest on your speed dialer. Don't panic, and keep breathing calmly and deeply.

If you think you're going to lose consciousness, lie under your desk.

Upgrade script file format

Header

Field #	Name	Mand	Value	Notes
01	Entity Type	Yes	IH	Invoice header.
02	Action Type	Yes	A	'A'dd.

Field #	Name	Mand	Value	Notes
03	Invoice Number	Yes	22 AN	
04	Vendor Code	Yes	20 AN	
05	Transaction Type	Yes	2 N	20= Invoice 21=RTV Debit Memo 22=Debit Memo 23=Credit Memo 26=Discount Debit Memo 27=Discount Credit Memo.
06	Referenced Invoice Number		22 AN	For future use.
07	Match status code	Yes	N	1 = Preliminary 2 = Unmatched 3 = Match Attempt Not Found 4 = Held For Review 5 = Not Applicable 6 = Matched 7 = Over matched.
08	Payment Status code		2 N	1 = Unpaid 2 = Paid via Letter of Credit 3 = Paid via Manual Check 4 = Paid via System Check 5 = Vendor Check Offset.

Field #	Name	Mand	Value	Notes
09	Invoice Date	Yes	Date	Date of invoice. Date format: mm/dd/yyyy.
10	Match net amount	Yes	N (999,999,999,999.99)	
11	Match cost discount amount	Yes	N (999,999,999,999.99)	
12	Match other discount amount	Yes	N (999,999,999,999.99)	
13	Gross amount payable	Yes	N (999,999,999,999.99)	
14	Terms discount amount	Yes	N (999,999,999,999.99)	
15	Terms Description		50 AN	
16	Due Date		Date	Date by which invoice should be paid. Date format: mm/d-d/yyyy.
17	Discount Date		Date	Date by which invoice must be paid to avoid losing discounts subject to terms. Date format: mm/dd/yyyy.
18	Exchange Rate	Yes	Float (8) precision 53	
19	Currency	Yes	3 AN	

Field #	Name	Mand	Value	Notes
20	Remit to Vendor		20 AN	Identifies the supplier to whom the cheque will eventually be issued.
21	Payment Reference Number		30 AN	Optional and only set when payment status >=2 (Paid via letter of credit).
22	Release Date	Yes	Date	Date format: mm/dd/yyyy.
23	Employee's username	Yes		
24	Jurisdiction Code		20 AN	Jurisdiction of the vendor.
25	Tax Validate Flag		Y/N	Indicates whether the tax at the total level calculated by the system matches the total tax entered by the user at the ITC distribution level within the defined tolerance tax amount. If the system option to match on tax is set to false, then this flag is not verified during matching and will not be provided in this export file.
26	Manually Matched Flag		Y/N	Indicates whether the invoice was matched by the system through automated matching process or whether the user manually matched the invoice to a receipt.

Field #	Name	Mand	Value	Notes
27	Total Tax Amount Calculated		N (999,999,999,999.99)	Refers to the total tax amount, in invoice currency, on the invoice calculated by the system. Set to the sum of invoice's tax total's tax amount across all tax types.
28	Total Tax Amount Charged		N (999,999,999,999.99)	Refers to the total tax amount, in invoice currency, on the invoice entered by the user. This is the actual amount of tax that will be paid on the invoice and not the tax that is calculated by the system (Total Tax Amount Calculated). Set to the sum of invoice's Subledger's net amount foreign for GL distribution type 3 (ITC).
29	Terms Code		15 AN	<p>This field is only included if pipeline parameter 'Epicor9Format' = True. Otherwise this field is excluded from the output file.</p> <p>When excluded, the output file will only include 28 fields if GL company is also to be excluded. If GL company is to be included, then the 29th field is the GL company.</p>

Field #	Name	Mand	Value	Notes
29 or 30	GL Com- pany Code			<p>If the IMAT parameter 'Export GL company' = False, then this field is NOT included in the output file.</p> <p>If the IMAT parameter 'Export GL Company' = True, then ONLY in this case will this field be included in the export file.</p> <p>Set to the GL Company Code associated with the GL company defined in the invoice header. If the invoice has not been pre-defined with GL company, then the default GL company will be used.</p> <p>Note: Depending if terms code have been included in this output file, the GL company code will either be field 29 or 30.</p> <p>If terms code is excluded from the file, then GL company will be field 29.</p> <p>If terms code is included in the file, then GL company will be field 30.</p> <p>If GL company is to be excluded from the file, then the field is not there at all.</p>

Header

Field #	Name	Mand	Value	Notes
01	Entity Type	Yes	IH	Invoice header.
02	Action Type	Yes	A	'A'dd.
03	Invoice Number	Yes	22 AN	
04	Vendor Code	Yes	20 AN	
05	Transaction Type	Yes	2 N	20= Invoice 21=RTV Debit Memo 22=Debit Memo 23=Credit Memo 26=Discount Debit Memo 27=Discount Credit Memo.
06	Referenced Invoice Number		22 AN	For future use.
07	Match status code	Yes	N	1 = Preliminary 2 = Unmatched 3 = Match Attempt Not Found 4 = Held For Review 5 = Not Applicable 6 = Matched 7 = Over matched.

Field #	Name	Mand	Value	Notes
08	Payment Status code		2 N	1 = Unpaid 2 = Paid via Letter of Credit 3 = Paid via Manual Check 4 = Paid via System Check 5 = Vendor Check Offset.
09	Invoice Date	Yes	Date	Date of invoice. Date format: mm/dd/yyyy.
10	Match net amount	Yes	N (999,999,999,999.99)	
11	Match cost discount amount	Yes	N (999,999,999,999.99)	
12	Match other discount amount	Yes	N (999,999,999,999.99)	
13	Gross amount payable	Yes	N (999,999,999,999.99)	
14	Terms discount amount	Yes	N (999,999,999,999.99)	
15	Terms Description		50 AN	
16	Due Date		Date	Date by which invoice should be paid. Date format: mm/d-d/yyyy.

Field #	Name	Mand	Value	Notes
17	Discount Date		Date	Date by which invoice must be paid to avoid losing discounts subject to terms. Date format: mm/dd/yyyy.
18	Exchange Rate	Yes	Float (8) precision 53	
19	Currency	Yes	3 AN	
20	Remit to Vendor		20 AN	Identifies the supplier to whom the cheque will eventually be issued.
21	Payment Reference Number		30 AN	Optional and only set when payment status >=2 (Paid via letter of credit).
22	Release Date	Yes	Date	Date format: mm/dd/yyyy.
23	Employee's username	Yes		
24	Jurisdiction Code		20 AN	Jurisdiction of the vendor.

Field #	Name	Mand	Value	Notes
25	Tax Validate Flag		Y/N	Indicates whether the tax at the total level calculated by the system matches the total tax entered by the user at the ITC distribution level within the defined tolerance tax amount. If the system option to match on tax is set to false, then this flag is not verified during matching and will not be provided in this export file.
26	Manually Matched Flag		Y/N	Indicates whether the invoice was matched by the system through automated matching process or whether the user manually matched the invoice to a receipt.
27	Total Tax Amount Calculated		N (999,999,999,999.99)	Refers to the total tax amount, in invoice currency, on the invoice calculated by the system. Set to the sum of invoice's tax total's tax amount across all tax types.

Field #	Name	Mand	Value	Notes
28	Total Tax Amount Charged		N (999,999,999,999.99)	Refers to the total tax amount, in invoice currency, on the invoice entered by the user. This is the actual amount of tax that will be paid on the invoice and not the tax that is calculated by the system (Total Tax Amount Calculated). Set to the sum of invoice's Subledger's net amount foreign for GL distribution type 3 (ITC).
29	Terms Code		15 AN	<p>This field is only included if pipeline parameter 'Epicor9Format' = True. Otherwise this field is excluded from the output file.</p> <p>When excluded, the output file will only include 28 fields if GL company is also to be excluded. If GL company is to be included, then the 29th field is the GL company.</p>

Field #	Name	Mand	Value	Notes
29 or 30	GL Com- pany Code			<p>If the IMAT parameter 'Export GL company' = False, then this field is NOT included in the output file.</p> <p>If the IMAT parameter 'Export GL Company' = True, then ONLY in this case will this field be included in the export file.</p> <p>Set to the GL Company Code associated with the GL company defined in the invoice header. If the invoice has not been pre-defined with GL company, then the default GL company will be used.</p> <p>Note: Depending if terms code have been included in this output file, the GL company code will either be field 29 or 30.</p> <p>If terms code is excluded from the file, then GL company will be field 29.</p> <p>If terms code is included in the file, then GL company will be field 30.</p> <p>If GL company is to be excluded from the file, then the field is not there at all.</p>

Header

Field #	Name	Mand	Value	Notes
01	Entity Type	Yes	IH	Invoice header.
02	Action Type	Yes	A	'A'dd.
03	Invoice Number	Yes	22 AN	
04	Vendor Code	Yes	20 AN	
05	Transaction Type	Yes	2 N	20= Invoice 21=RTV Debit Memo 22=Debit Memo 23=Credit Memo 26=Discount Debit Memo 27=Discount Credit Memo.
06	Referenced Invoice Number		22 AN	For future use.
07	Match status code	Yes	N	1 = Preliminary 2 = Unmatched 3 = Match Attempt Not Found 4 = Held For Review 5 = Not Applicable 6 = Matched 7 = Over matched.

Field #	Name	Mand	Value	Notes
08	Payment Status code		2 N	1 = Unpaid 2 = Paid via Letter of Credit 3 = Paid via Manual Check 4 = Paid via System Check 5 = Vendor Check Offset.
09	Invoice Date	Yes	Date	Date of invoice. Date format: mm/dd/yyyy.
10	Match net amount	Yes	N (999,999,999,999.99)	
11	Match cost discount amount	Yes	N (999,999,999,999.99)	
12	Match other discount amount	Yes	N (999,999,999,999.99)	
13	Gross amount payable	Yes	N (999,999,999,999.99)	
14	Terms discount amount	Yes	N (999,999,999,999.99)	
15	Terms Description		50 AN	
16	Due Date		Date	Date by which invoice should be paid. Date format: mm/d-d/yyyy.

Field #	Name	Mand	Value	Notes
17	Discount Date		Date	Date by which invoice must be paid to avoid losing discounts subject to terms. Date format: mm/dd/yyyy.
18	Exchange Rate	Yes	Float (8) precision 53	
19	Currency	Yes	3 AN	
20	Remit to Vendor		20 AN	Identifies the supplier to whom the cheque will eventually be issued.
21	Payment Reference Number		30 AN	Optional and only set when payment status >=2 (Paid via letter of credit).
22	Release Date	Yes	Date	Date format: mm/dd/yyyy.
23	Employee's username	Yes		
24	Jurisdiction Code		20 AN	Jurisdiction of the vendor.

Field #	Name	Mand	Value	Notes
25	Tax Validate Flag		Y/N	Indicates whether the tax at the total level calculated by the system matches the total tax entered by the user at the ITC distribution level within the defined tolerance tax amount. If the system option to match on tax is set to false, then this flag is not verified during matching and will not be provided in this export file.
26	Manually Matched Flag		Y/N	Indicates whether the invoice was matched by the system through automated matching process or whether the user manually matched the invoice to a receipt.
27	Total Tax Amount Calculated		N (999,999,999,999.99)	Refers to the total tax amount, in invoice currency, on the invoice calculated by the system. Set to the sum of invoice's tax total's tax amount across all tax types.

Field #	Name	Mand	Value	Notes
28	Total Tax Amount Charged		N (999,999,999,999.99)	Refers to the total tax amount, in invoice currency, on the invoice entered by the user. This is the actual amount of tax that will be paid on the invoice and not the tax that is calculated by the system (Total Tax Amount Calculated). Set to the sum of invoice's Subledger's net amount foreign for GL distribution type 3 (ITC).
29	Terms Code		15 AN	<p>This field is only included if pipeline parameter 'Epicor9Format' = True. Otherwise this field is excluded from the output file.</p> <p>When excluded, the output file will only include 28 fields if GL company is also to be excluded. If GL company is to be included, then the 29th field is the GL company.</p>

Field #	Name	Mand	Value	Notes
29 or 30	GL Com- pany Code			<p>If the IMAT parameter 'Export GL company' = False, then this field is NOT included in the output file.</p> <p>If the IMAT parameter 'Export GL Company' = True, then ONLY in this case will this field be included in the export file.</p> <p>Set to the GL Company Code associated with the GL company defined in the invoice header. If the invoice has not been pre-defined with GL company, then the default GL company will be used.</p> <p>Note: Depending if terms code have been included in this output file, the GL company code will either be field 29 or 30.</p> <p>If terms code is excluded from the file, then GL company will be field 29.</p> <p>If terms code is included in the file, then GL company will be field 30.</p> <p>If GL company is to be excluded from the file, then the field is not there at all.</p>

Header

Field #	Name	Mand	Value	Notes
01	Entity Type	Yes	IH	Invoice header.
02	Action Type	Yes	A	'A'dd.
03	Invoice Number	Yes	22 AN	
04	Vendor Code	Yes	20 AN	
05	Transaction Type	Yes	2 N	20= Invoice 21=RTV Debit Memo 22=Debit Memo 23=Credit Memo 26=Discount Debit Memo 27=Discount Credit Memo.
06	Referenced Invoice Number		22 AN	For future use.
07	Match status code	Yes	N	1 = Preliminary 2 = Unmatched 3 = Match Attempt Not Found 4 = Held For Review 5 = Not Applicable 6 = Matched 7 = Over matched.

Field #	Name	Mand	Value	Notes
08	Payment Status code		2 N	1 = Unpaid 2 = Paid via Letter of Credit 3 = Paid via Manual Check 4 = Paid via System Check 5 = Vendor Check Offset.
09	Invoice Date	Yes	Date	Date of invoice. Date format: mm/dd/yyyy.
10	Match net amount	Yes	N (999,999,999,999.99)	
11	Match cost discount amount	Yes	N (999,999,999,999.99)	
12	Match other discount amount	Yes	N (999,999,999,999.99)	
13	Gross amount payable	Yes	N (999,999,999,999.99)	
14	Terms discount amount	Yes	N (999,999,999,999.99)	
15	Terms Description		50 AN	
16	Due Date		Date	Date by which invoice should be paid. Date format: mm/d-d/yyyy.

Field #	Name	Mand	Value	Notes
17	Discount Date		Date	Date by which invoice must be paid to avoid losing discounts subject to terms. Date format: mm/dd/yyyy.
18	Exchange Rate	Yes	Float (8) precision 53	
19	Currency	Yes	3 AN	
20	Remit to Vendor		20 AN	Identifies the supplier to whom the cheque will eventually be issued.
21	Payment Reference Number		30 AN	Optional and only set when payment status >=2 (Paid via letter of credit).
22	Release Date	Yes	Date	Date format: mm/dd/yyyy.
23	Employee's username	Yes		
24	Jurisdiction Code		20 AN	Jurisdiction of the vendor.

Field #	Name	Mand	Value	Notes
25	Tax Validate Flag		Y/N	Indicates whether the tax at the total level calculated by the system matches the total tax entered by the user at the ITC distribution level within the defined tolerance tax amount. If the system option to match on tax is set to false, then this flag is not verified during matching and will not be provided in this export file.
26	Manually Matched Flag		Y/N	Indicates whether the invoice was matched by the system through automated matching process or whether the user manually matched the invoice to a receipt.
27	Total Tax Amount Calculated		N (999,999,999,999.99)	Refers to the total tax amount, in invoice currency, on the invoice calculated by the system. Set to the sum of invoice's tax total's tax amount across all tax types.

Field #	Name	Mand	Value	Notes
28	Total Tax Amount Charged		N (999,999,999,999.99)	Refers to the total tax amount, in invoice currency, on the invoice entered by the user. This is the actual amount of tax that will be paid on the invoice and not the tax that is calculated by the system (Total Tax Amount Calculated). Set to the sum of invoice's Subledger's net amount foreign for GL distribution type 3 (ITC).
29	Terms Code		15 AN	<p>This field is only included if pipeline parameter 'Epicor9Format' = True. Otherwise this field is excluded from the output file.</p> <p>When excluded, the output file will only include 28 fields if GL company is also to be excluded. If GL company is to be included, then the 29th field is the GL company.</p>

Field #	Name	Mand	Value	Notes
29 or 30	GL Com- pany Code			<p>If the IMAT parameter 'Export GL company' = False, then this field is NOT included in the output file.</p> <p>If the IMAT parameter 'Export GL Company' = True, then ONLY in this case will this field be included in the export file.</p> <p>Set to the GL Company Code associated with the GL company defined in the invoice header. If the invoice has not been pre-defined with GL company, then the default GL company will be used.</p> <p>Note: Depending if terms code have been included in this output file, the GL company code will either be field 29 or 30.</p> <p>If terms code is excluded from the file, then GL company will be field 29.</p> <p>If terms code is included in the file, then GL company will be field 30.</p> <p>If GL company is to be excluded from the file, then the field is not there at all.</p>

Header

Field #	Name	Mand	Value	Notes
01	Entity Type	Yes	IH	Invoice header.
02	Action Type	Yes	A	'A'dd.
03	Invoice Number	Yes	22 AN	
04	Vendor Code	Yes	20 AN	
05	Transaction Type	Yes	2 N	20= Invoice 21=RTV Debit Memo 22=Debit Memo 23=Credit Memo 26=Discount Debit Memo 27=Discount Credit Memo.
06	Referenced Invoice Number		22 AN	For future use.
07	Match status code	Yes	N	1 = Preliminary 2 = Unmatched 3 = Match Attempt Not Found 4 = Held For Review 5 = Not Applicable 6 = Matched 7 = Over matched.

Field #	Name	Mand	Value	Notes
08	Payment Status code		2 N	1 = Unpaid 2 = Paid via Letter of Credit 3 = Paid via Manual Check 4 = Paid via System Check 5 = Vendor Check Offset.
09	Invoice Date	Yes	Date	Date of invoice. Date format: mm/dd/yyyy.
10	Match net amount	Yes	N (999,999,999,999.99)	
11	Match cost discount amount	Yes	N (999,999,999,999.99)	
12	Match other discount amount	Yes	N (999,999,999,999.99)	
13	Gross amount payable	Yes	N (999,999,999,999.99)	
14	Terms discount amount	Yes	N (999,999,999,999.99)	
15	Terms Description		50 AN	
16	Due Date		Date	Date by which invoice should be paid. Date format: mm/d-d/yyyy.

Field #	Name	Mand	Value	Notes
17	Discount Date		Date	Date by which invoice must be paid to avoid losing discounts subject to terms. Date format: mm/dd/yyyy.
18	Exchange Rate	Yes	Float (8) precision 53	
19	Currency	Yes	3 AN	
20	Remit to Vendor		20 AN	Identifies the supplier to whom the cheque will eventually be issued.
21	Payment Reference Number		30 AN	Optional and only set when payment status >=2 (Paid via letter of credit).
22	Release Date	Yes	Date	Date format: mm/dd/yyyy.
23	Employee's username	Yes		
24	Jurisdiction Code		20 AN	Jurisdiction of the vendor.

Field #	Name	Mand	Value	Notes
25	Tax Validate Flag		Y/N	Indicates whether the tax at the total level calculated by the system matches the total tax entered by the user at the ITC distribution level within the defined tolerance tax amount. If the system option to match on tax is set to false, then this flag is not verified during matching and will not be provided in this export file.
26	Manually Matched Flag		Y/N	Indicates whether the invoice was matched by the system through automated matching process or whether the user manually matched the invoice to a receipt.
27	Total Tax Amount Calculated		N (999,999,999,999.99)	Refers to the total tax amount, in invoice currency, on the invoice calculated by the system. Set to the sum of invoice's tax total's tax amount across all tax types.

Field #	Name	Mand	Value	Notes
28	Total Tax Amount Charged		N (999,999,999,999.99)	Refers to the total tax amount, in invoice currency, on the invoice entered by the user. This is the actual amount of tax that will be paid on the invoice and not the tax that is calculated by the system (Total Tax Amount Calculated). Set to the sum of invoice's Subledger's net amount foreign for GL distribution type 3 (ITC).
29	Terms Code		15 AN	<p>This field is only included if pipeline parameter 'Epicor9Format' = True. Otherwise this field is excluded from the output file.</p> <p>When excluded, the output file will only include 28 fields if GL company is also to be excluded. If GL company is to be included, then the 29th field is the GL company.</p>

Field #	Name	Mand	Value	Notes
29 or 30	GL Com- pany Code			<p>If the IMAT parameter 'Export GL company' = False, then this field is NOT included in the output file.</p> <p>If the IMAT parameter 'Export GL Company' = True, then ONLY in this case will this field be included in the export file.</p> <p>Set to the GL Company Code associated with the GL company defined in the invoice header. If the invoice has not been pre-defined with GL company, then the default GL company will be used.</p> <p>Note: Depending if terms code have been included in this output file, the GL company code will either be field 29 or 30.</p> <p>If terms code is excluded from the file, then GL company will be field 29.</p> <p>If terms code is included in the file, then GL company will be field 30.</p> <p>If GL company is to be excluded from the file, then the field is not there at all.</p>

Total Tax

Field #	Name	Mand	Value	Notes
01	Entity Type	Yes	TT	Total tax.
02	Action Type	Yes	A	'A'dd.
03	Invoice Number	Yes	22 AN	
04	Tax Type Code	Yes	5 AN	The tax type (i.e. GST, PST, HST, VAT) on the invoice. Set to the Subledger's Tax Type for the GL Distribution Type 3 (ITC).
05	Taxable Amount		N (999,999,999,999.99)	The amount, in invoice currency, the tax is applied to. Set to the sum of Invoice Subledger's taxable amount for GL distribution types Amount to be Matched and Invoice Charges not Requiring Matching for the corresponding Subledger's Tax Type.
06	Tax Amount		N (999,999,999,999.99)	The total tax amount, in invoice currency, applicable to the tax type. Set to the sum of Invoice Subledger's Tax Amount for GL distribution types Amount to be Matched and Invoice Charges not Requiring Matching for the corresponding Subledger's Tax Type.

Field #	Name	Mand	Value	Notes
07	Tax Amount Charged		N (999,999,999,999.99)	Refers to the actual tax charged on the invoice, input by the user, in the invoice's currency, applicable to the tax type. Set to the Subledger's Net Amount Foreign for GL distribution type 3 (ITC) applicable to the tax type.

Reference

Field #	Name	Mand	Value	Notes
01	Entity Type	Yes	IR	Invoice reference.
02	Action Type	Yes	A	'A'dd.
03	Reference Type	Yes	2 N	Values from 0-20. Must exist in Invoice matching vendor parameters. Note: 1-5 are predefined: 0 = Not Available 1 = Purchase Order Number 2 = ASN Number 3 = Supplier Credit 4 = Supplier Invoice 5 = Supplier Cheque 6 = Return Authorization Number.
04	Reference Number	Yes	20 AN	Document/reference value.

Field #	Name	Mand	Value	Notes
05	Location Code		20 AN	If the reference type = 1: PO and the validity flag = 'Y' es then it will automatically be set to the location on the PO, else it is optional.
06	Validity flag		Y/N	
07	Invoice Number	Yes	22 AN	

Discounts

Field #	Name	Mand	Value	Notes
01	Entity Type	Yes	ID	Invoice discounts.
02	Action Type	Yes	A	'A'dd
03	Discount Applicability Group	Yes	1 N	Values 1-9. Indicates to which invoice charges to apply the discount in question.
04	Item specific discount flag		Y/N	
05	Sequence Number	Yes	2 N	Preserves sequence in order to apply discounts correctly when affecting net. Discount #1 = Sequence 1 Discount #2 = Sequence 2 Discount #3 = Sequence 3

Field #	Name	Mand	Value	Notes
06	Discount Type	Yes	20 AN	Must exist in the system.
07	% or Amount	Yes	1 N	1=Percent 2=Amount.
08	Base calculation on	Yes	1 N	1=Gross Cost 2=Net Cost 3=Balance.
09	Reflect Discount in Cost	Yes	Y/N	Whether the discount amount will be deducted from the net discountable amount.
	Reflect in Net Cost	Yes	Y/N	Whether the discount amount is to be deducted from the cost of the items to which it applies or accounted for separately.
11	Subject to Terms	Yes	Y/N	Whether the discount in question may be lost if the invoice is not paid by its due date.
12	Discountable amount	Yes	Amount – 999 999 999.99	
13	Discount amount	Yes	N Percent - 999.99 Amount - 999 999 999.99	The % or Amount in supplier currency.
14	Invoice Number	Yes	22 AN	

Field #	Name	Mand	Value	Notes
15	Discount Tax Amount	Yes	N (999,999,999,999.99)	

Charges (Subledger)

Field #	Name	Mand	Value	Notes
01	Entity Type	Yes	IS	Invoice subledger.
02	Action Type	Yes	A	'A'dd.
03	GL posting date	Yes	Date	Date format: mm/dd/yyyy.
04	G/L Account Number		30 AN	Mandatory when distribution type is not equal to 1.
05	GL entry type	Yes	1	

Field #	Name	Mand	Value	Notes
06	GL distribution type	Yes	2 N	1 = Amount to be matched 2 = Accounts Payable 3 = Input Tax Credit Receivable 4 = Sales Tax Payable 5 = Inter Cost Center Receivable 6 = Inter Cost Center Payable 7 = Invoice Charges not requiring matching 8 = Memo Items 9 = Discount not reflected in cost 10 = Tolerance 11 = A/P Exchange.
07	Discount Applicability Group	Yes	1 N	Applicable to GL Distribution types 7 only.
08	Gross Amount	Yes	N (999,999,999.99)	Gross Amount in Domestic (Home) currency associated with the account in question.
09	Net amount		N (999,999,999.99)	
10	Non terms net amount		N (999,999,999.99)	
11	GL effect	Yes	4 N	Positive or negative.

Field #	Name	Mand	Value	Notes
12	GL Posting status	Yes	4 N	
13	Source GL account no	Yes	30 AN	
14	Invoice Number	Yes	22 AN	
15	Gross Amount Foreign	Yes	N (999,999,999.99)	Gross Amount in invoice's currency (vendor currency) associated with the account in question.
16	Net amount Foreign		N (999,999,999.99)	
17	Non terms net amount Foreign		N (999,999,999.99)	
18	Tax Type Code		5 AN	For GL distribution type 3 (ITC), set to the value in the GL distribution set detail's Tax Type value.
19	Tax Amount	Yes	N (999,999,999,999.99)	If GL distribution type = 1, 3 or 7 (ITC), set by multiplying the Tax Amount Foreign by the invoice's exchange rate.

Field #	Name	Mand	Value	Notes
20	Tax Amount Foreign	Yes	N (999,999,999,999.99)	<p>If GL distribution type = 3, set to sum of the Subledger Tax's Tax Amount for the corresponding tax type across all GL distribution types.</p> <p>If GL distribution type = 1 or 7, set to the Sum of the Subledger Tax's Tax Amount across all tax types for the GL distribution type.</p>
21	Gross Amount in GL Company Currency	Yes	N (999,999,999.99)	<p>Gross Amount in GL Company's currency associated with the account in question.</p> <p>If the IMAT parameter 'Export GL Company' is set to True, then this field will be exported in the GL currency defined for the GL company defined in the invoice header (for the invoice being exported).</p> <p>If the IMAT parameter 'Export GL company' is set to False, then this field is set to the GL Company associated with the receiving location on the IMAT receipt; if the invoice document isn't received yet, then this amount will be exported in the GL currency defined for the GL Company Default defined in the IMAT parameters.</p>

Field #	Name	Mand	Value	Notes
22	Net amount in GL Company Currency	Yes	N (999,999,999.99)	<p>If the IMAT parameter 'Export GL Company' is set to True, then this field will be exported in the GL currency defined for the GL company defined in the invoice header (for the invoice being exported).</p> <p>If the IMAT parameter 'Export GL company' is set to False, then this field is set to the GL Company associated with the receiving location on the IMAT receipt; if the invoice document isn't received yet, then this amount will be exported in the GL currency defined for the GL Company Default defined in the IMAT parameters.</p>

Field #	Name	Mand	Value	Notes
23	Non terms net amount in GL Company Currency	Yes	N (999,999,999.99)	<p>If the IMAT parameter 'Export GL Company' is set to True, then this field will be exported in the GL currency defined for the GL company defined in the invoice header (for the invoice being exported).</p> <p>If the IMAT parameter 'Export GL company' is set to False, then this field is set to the GL Company associated with the receiving location on the IMAT receipt; if the invoice document isn't received yet, then this amount will be exported in the GL currency defined for the GL Company Default defined in the IMAT parameters.</p>

Charge (Subledger) Tax

Field #	Name	Mand	Value	Notes
01	Entity Type	Yes	CT	Charge tax.
02	Action Type	Yes	A	'A'dd.
03	Invoice Number	Yes	22 AN	

Field #	Name	Mand	Value	Notes
04	GL distribution type	Yes	2 N	Matches the GL distribution type of the corresponding invoice charge record; Can only be 1 or 7.
05	GL Account Number	Yes	30 AN	Matches the GL Account Number of the corresponding invoice charge record.
06	Tax Type Code	Yes	5 AN	<p>For GL Distribution Type 1 (Amount to be Matched):</p> <p>If detail lines exist, then set to the detail line's Tax Type; If no detail lines exist, then set to the Tax Type defined for the invoice's vendor's jurisdiction.</p> <p>For GL Distribution Type 7 (Invoice Charges not Requiring Matching): Set to the Tax Type defined for the invoice's vendor's jurisdiction.</p>
07	Tax Rate Code	Yes	6 AN	It is a valid tax rate code for the tax type defined.
08	Surtax Type Code		5 AN	If the jurisdiction/tax type/tax rate has a surtax, set to the tax type code of the surtax.
09	Surtax Rate Code		6 AN	If the jurisdiction/tax type/tax rate has a surtax, set to the tax rate code of the surtax.

Field #	Name	Mand	Value	Notes
10	Tax Rate	Yes	N (999.99)	It is the tax rate, expressed as a percentage. It is the tax rate for the tax type/tax rate code defined.
11	Taxable Amount	Yes	N (999,999,999,999.99)	The amount, in invoice currency, that the tax percent is applied to.
12	Tax Amount	Yes	N (999,999,999,999.99)	The tax amount, in invoice currency, applicable to the tax type/tax rate code.

Item Details

Field #	Name	Mand	Value	Notes
01	Entity Type	Yes	II	Invoice item.
02	Action Type	Yes	A	'A'dd.
03	Style Type	Yes	N	1 = Vendor Style Code 2 = Style Code 3 = Pack Code.
04	Discount Applicability	Yes	N	-1 = Reversal Discountable Item; 1 = Discountable Item.
05	Vendor Style		40 AN	
06	Style Code		20 AN	
07	Pack Code		20 AN	

Field #	Name	Mand	Value	Notes
08	Color Description		20 AN	
09	Size Code		17 AN	
10	Units	Yes	7 N	May not be zero.
11	Gross Price		N (999,999,999.99)	Mandatory when Net Amount not given. Gross price in supplier currency
12	Net Price		N (999,999,999.99)	Mandatory when Gross Amount not given. Net price in supplier currency.
13	Invoice Number	Yes	22 AN	
14	Tax Amount	Yes	N (999,999,999,999.99)	Total tax by invoice detail, in invoice currency. Set to the sum of the invoice detail's tax amount for all tax types.

Note An invoice detail record is followed by its subsequent invoice detail tax records, if there are any.

Detail Tax

Field #	Name	Mand	Value	Notes
01	Entity Type	Yes	DT	Detail tax.
02	Action Type	Yes	A	'A'dd.
03	Invoice Number	Yes	22 AN	

Field #	Name	Mand	Value	Notes
04	Style Type	Yes	Int	Matches the style type of the corresponding invoice detail record.
05	Vendor Style		40 AN	Matches the Vendor Style of the corresponding invoice detail record.
06	Style Code		20 AN	Matches the Style Code of the corresponding invoice detail record.
07	Pack Code		20 AN	Matches the Pack Code of the corresponding invoice detail record.
08	Color Description		20 AN	Matches the Color Description of the corresponding invoice detail record.
09	Size Code		17 AN	Matches the Size Code of the corresponding invoice detail record.
10	Tax Type Code	Yes	5 AN	Set to the valid tax defined for the invoice's vendor's jurisdiction.
11	Tax Rate Code	Yes	6 AN	Set to the valid tax rate code that is applicable to tax type (e.g. standard, special, exempt).
12	Surtax Type Code		5 AN	If the jurisdiction/tax type/tax rate has a surtax, set to the tax type code of the surtax.

Field #	Name	Mand	Value	Notes
13	Surtax Rate Code		6 AN	If the jurisdiction/tax type/tax rate has a surtax, set to the tax rate code of the surtax.
14	Tax Rate	Yes	N (999.99)	It is the tax rate, expressed as a percentage. It is the tax rate for the tax type/tax rate code defined.
15	Taxable Amount	Yes	N (999,999,999,999.99)	Defines the amount, in invoice currency, the tax percent is applied to.
16	Tax Amount	Yes	N (999,999,999,999.99)	The tax amount, in invoice currency, applicable to the tax type/tax rate code.

Messages

Field #	Name	Mand	Value	Notes
01	Entity Type	Yes	IM	Invoice message.
02	Action Type	Yes	A	'A'dd.
03	Message Type	Yes	20 AN	Must exist in system as an Invoice Matching message type.
04	Message	Yes	255 AN	Must adhere to the maximum length restriction on the message type.
05	Invoice Number	Yes	22 AN	

CHAPTER 4

Importing

This chapter discusses:

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Importing overview

The steps for importing product information are:

1. Create a tab-delimited text file that uses the file layout described in [Color Import](#) on page 155.
2. Run segment 16001: Text File to EDM & PROD Import Tables.
This reads the flat text files and puts them in import tables.

aptos

Search

Pipeline > Jobs

Jobs

Viewing jobs

In the Pipeline pane, expand the Jobs list and click a job to view its details.

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Segments

Parameters

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Segments

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Pipeline

About segments, jobs and parameters

About user permissions

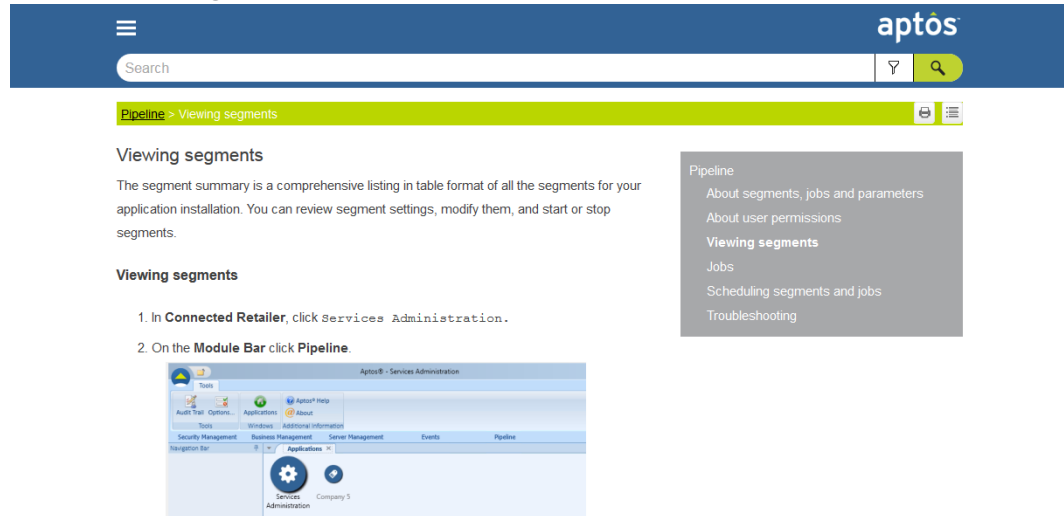
Viewing segments

Jobs

Scheduling segments and jobs

Troubleshooting

3. Run Pipeline segment 17000: EDM & PROD Import Tables to EDM & PROD.



4. For UPC loads, you can use segment 17001 instead of 16001 and 17000, as long as you have already imported the data required for a UPC data load, styles, colors and sizes.

Merchandise Group Import

Field #	Name	Mand	Mod	Value	Notes
01	Record Type	Yes		MG	Merchandise group.
02	Action Type	Yes		A/M/D	'A'dd/'M'odify/'D'elete.
03	Alternate Flag			T/F	If NULL, will default to F.
04	Hierarchy Name			30 AN	If Alternate Flag is F, the Hierarchy Name is "Main Merchandise Hierarchy". If Alternate Flag is set to T, the alternate merchandise hierarchy name must be provided.
05	Merchandise Level	Yes		30 AN	Level must already be created through EDM & PROD.
06	Parent Group Code	Yes		20 AN	Depends on the combination of each level's mask. Each level's masked code must be delimited with a "-".
07	Group Code	Yes		20 AN	Parent code + code (The Enterprise group code is not included). Must match level mask. Each level's masked code must be delimited with a "-" and must be unique
08	Group Name	Yes	Yes	20 AN	Must be unique within same family.
09	Full Name		Yes	40 AN	If NULL, will default to its parent's full name plus the group name provided. Must be unique within same family.
10	Alternate Code		Yes	20 AN	
11	Active Flag		Yes	T/F	If NULL, default is T.

Field #	Name	Mand	Mod	Value	Notes
12	Goal IMU %		Yes	3 N	If NULL, default is 0. If not assigned to current level, value is NULL. Value must be between 0 & 100. Only applicable for Main Merchandise Hierarchy.
13	IMU Intolerance %		Yes	3 N	If NULL, default is 0. If not assigned to current level, value is NULL. Value must be between 0 & 100. Only applicable for Main Merchandise Hierarchy.
14	POS Merch Group Key	*	Yes	6 N	Must be unique across the level. If not assigned to current level, value is NULL. Only applicable for Main Merchandise Hierarchy.
15	Shrinkage Provision		Yes	3 N	If NULL, default is 0. If not assigned to current level, value is NULL. Value must be between 0 & 100. Only applicable for Main Merchandise Hierarchy.
16	Ticket Format Code	*	Yes	2 AN	If not assigned to current level, value is NULL. Only applicable for Main Merchandise Hierarchy.
17	PLU Description		Yes	40 AN	If NULL, the default is the full name above. If not assigned to current level, value is NULL. Only applicable for Main Merchandise Hierarchy.
18	Stock Ledger Minimum		Yes	3 N	If NULL, default is 0. If not assigned to current level, value is NULL. Value must be between 0 & 100. Only applicable for Main Merchandise Hierarchy.

Field #	Name	Mand	Mod	Value	Notes
19	Stock Ledger Maximum		Yes	3 N	If NULL, default is 0. If not assigned to current level, value is NULL. Value must be between 0 & 100. Only applicable for Main Merchandise Hierarchy.
20	Position Code	*	Yes	20 AN	<p>Indicates which position will have responsibility for merchandise group indicated above. Only one position can be added through this interface. The Merchandise Groups Position interface can also be used.</p> <p>If the flag to restrict by employee position is True, then a position must be assigned to the group or a parent of the group.</p>
21	POS Dept Group No	*	Yes		<p>Only mandatory and applicable if adding a new Hierarchy Group for the Merchandise Level that Corresponds to the 'POS Department Group No.' defined in the merchandise characteristics defaults.</p> <p>Based on length defined in the merchandise characteristics defaults.</p> <p>For example, if length is defined as 5, then system can only accept 5 N.</p>
22	POS Dept Group Description	*	Yes	50 AN	Only mandatory and applicable if adding a new Hierarchy Group for the Merchandise Level that Corresponds to the POS Department Group Description defined in the merchandise characteristics defaults.

Field #	Name	Mand	Mod	Value	Notes
23	Allow Customer Order Flag			Y/N	<p>Applicable only when db install parameter installed_es_flag = true.</p> <p>Indicates whether or not Enterprise Selling can search on the styles assigned to this hierarchy group for the purpose of fulfilling customer orders.</p> <p>Defaults to its parent hierarchy group setting if installed_es_flag = true.</p>
24	Threshold			10 N	<p>Applicable only when db install parameter installed_es_flag = true.</p> <p>To avoid potential stock-outs at the fulfill location, the user has the option to set a threshold value (expressed in units) for each style eligible for customer orders. Enterprise Selling uses this value along with the on hand value to determine the number of units available for customer units.</p> <p>Defaults to its parent hierarchy group setting if installed_es_flag = true.</p>

Note: Before Merchandise Groups can be added the Merchandise Level Hierarchy must be set up, as well as the Enterprise Level Group. Merchandise mandatory group attributes are added automatically with the default as they are set up in EDM & PROD. Set up the default Merchandise Attributes and Attribute Sets before you add them to the Merchandise groups.

PO Receipt Import

The steps for importing PO Receipts are:

- 1. Create an XML text file that uses the PO Receipt Import file structure.
- 2. Run the Merchandising.Import XML Documents Services Administration job.

PO Receipt Import file structure

XSD definition

The XSD file is installed with Merchandising and is called PO Receipt Import.xsd.

File structure definition

```
<POReceipt> header elements... <SKUs> <SKU> detail elements... </SKU>
</SKUs></POReceipt>
```

Header

Tag Name	Tag Type	Data Type	Valid Values	Ma-nd	Notes
Action	Attrib-ute	String	“add” “update” “delete”	Yes	“add” will create a new document. “update” will modify an existing doc-ument. “delete” will remove a document.

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
EntityAction	Attribute	String	"Receive" "Cancel" "Reinstate" "PostToInvMatch" "Ship"	No	<p>"Receive" will add receipt units to inventory.</p> <p>"Cancel" will back out the receipt units from inventory.</p> <p>"Reinstate" will revert the receipt status back to preliminary status. A new receive transaction is then needed to add the receipt units back to inventory.</p> <p>"PostToInvMatch" is only applicable if Invoice Matching is not installed.</p> <p>"Ship" is only applicable if the PO Receipt is generated from an ASN and the vendor's Track in-transit flag is enabled.</p>
CompanyId	Attribute	Integer		Yes	The company number that the document resides.

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
DocumentNo	Element	String 20		Yes	PO Receipt document number.
ExternalDocNo	Element	String 20		No	
DocumentSource	Element	Short	1 (Aptos Merch) 2 (Aptos WM) 3 (External system)	Yes	Must always be set to 3 for External System.
DocumentDescription	Element	String 60		No	

Tag Name	Tag Type	Data Type	Valid Values	Ma-nd	Notes
MatchStatus	Ele-ment	Short	0 (undefined) 1 (pre-liminary) 2 (unmatched) 3 (partially matched) 4 (over matched) 5 (fully matched)	No	<p>Must be set to 1 (pre-liminary) if the client plans to send modifications/cancellations for the PO receipt. In this case, pipeline segment 3008 must be run which will set prelim matched receipts older than X days to 'fully matched', this is required for the system delete process to remove old receipts. Alternatively a PO Receipt modify for the match status can be sent when the PO receipt is completed processed (the modify would be to set the match status to fully matched).</p> <p>Can be set to 5 (fully matched) if no modifications/cancellations will be posted against the receipt.</p>

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
ReceiveDate	Element	Datetime	yyyy-MMd-dTHH:mm	*	Mandatory if the EntityAction is "Receive" This is existing functionality in pre-ME5.0 SP4, it is not changed due to the feature. The IDMD needs to be updated to reflect this.
PerformedBy	Element	String 60		No	Name of the user who received the goods
Weight	Element	Double (15,3)	>=0.000	*	The weight of the received goods. Mandatory if the unit weight code has been provided.
NoOfContainers	Element	Smallint	>=1	*	Number of containers the receipt arrived in. Mandatory if container type is provided.
PackingListNo	Element	String 20		No	Packing list number.
PackingListDate	Element	Datetime	yyyy-MMd-dTHH:mm	No	Packing list date.

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
ProBillNo	Element	String 30		No	Pro bill number.
FreightAmount	Element	Double (14,2)		No	Freight amount.
ExternalSystemName	Element	String 20		No	Name of the system that created the receipt.
PaymentMethod	Element	Enum	1 (Prepaid) 2 (Collect) 3 (Free)	No	How the receipt was paid.
AppointmentNo	Element	String 6		No	Warehouse appointment number.
Priority	Element	String Enum	"1" thru "9"	No	Warehouse priority. If provided must be enclosed in quotes.
BOLTotalCartons	Element	Integer		No	Number of cartons on the bill of lading.
GroupingLabel	Element	String 20		No	Can be used as a memo field for querying.
LocationCode	Element	String 20		Yes	The location that received the goods.
PONo	Element	String 20		Yes	The purchase order number that was received.

Tag Name	Tag Type	Data Type	Valid Values	Ma-nd	Notes
UnitWeightCode	Ele-ment	String 10		*	Mandatory if the weight has been provided.
ContainerTypeCode	Ele-ment	String 3		*	If provided must be a container type code predefined in EDM. Mandatory if NoOfContainers has been provided.
ReasonCode	Ele-ment	String 5		No	If provided must be a reason code pre-defined in EDM for reason type PO Receipt.

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
ShipViaCode	Element	String 2		No	<p>If provided, must be an active ship via code predefined in EDM.</p> <p>If the PO Receipt will be linked to a PO Expected Receipt Date, set the Ship Via Code equal to the Shipment Ship Via Code so that the Ship Via that is linked to the PO Expected Receipt Date is displayed on the PO Receipt - General tab - Ship via field.</p> <p>This field is modifiable.</p>
AdvanceShippingNoticeNo	Element	String 20		*	<p>ASN number if the PO receipt was generated from an ASN.</p> <p>Mandatory for PO Receipt in "Shipped" status.</p>

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
CarrierCode	Element	String 4		No	<p>If provided, must be an active carrier code predefined in EDM.</p> <p>If the PO Receipt will be linked to a PO Expected Receipt Date, set the Carrier Code equal to the Shipment Carrier Code so that the Carrier that is linked to the PO Expected Receipt Date will be displayed on the PO Receipt - General tab - Carrier field.</p> <p>This field is modifiable.</p>
AllocationReplacedFlag	Element	Boolean	False, True	No	Not applicable. Do not provide.
ImatchWarningGivenOrIgnored	Element	Boolean	False, True	No	Not applicable. Do not provide.
ShipDate	Element	Datetime	yyyy-MMd-dTHH:mm	*	Mandatory for PO Receipt in "Shipped" status. If not provided, set to Current Date.

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
ShipmentExpectedReceiptDate	Element	Date	yyyy-MM-dd	*	<p>If provided, it must be an expected receipt date that exists on the PO.</p> <p>Modifiable if PO Receipt status is "Preliminary".</p> <p>If the PO Receipt must be linked to a PO Expected Receipt Date, then this field must be provided.</p>

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
ShipmentShipViaCode	Element	String 2		No	<p>This identifies the PO Shipment level Ship Via Code.</p> <p>If provided, it will be used to identify the correct PO Shipment if there are duplicate PO Expected Receipt Dates on the PO.</p> <p>The value provided in this field will NOT be displayed on the PO Receipt - General tab - Ship via field.</p> <p>This field is NOT modifiable.</p>

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
ShipmentCarrierCode	Element	String 4		No	<p>This identifies the PO Shipment level Carrier Code.</p> <p>If provided, it will be used to identify the correct PO Shipment if there are duplicate PO Expected Receipt Dates on the PO.</p> <p>The value provided in this field will NOT be displayed on the PO Receipt - General tab - Carrier field.</p> <p>This field is NOT modifiable.</p>

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
ShipmentCountryCode	Element	String 3		No	<p>This identifies the PO Shipment level Country Code.</p> <p>If provided, it will be used to identify the correct PO Shipment if there are duplicate PO Expected Receipt Dates on the PO.</p> <p>The value provided in this field will be displayed on the PO Receipt - General tab - Country if it matches with the Country that is linked to the PO Expected Receipt Date.</p> <p>This field is NOT modifiable.</p>

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
ShipmentFOBDescription	Element	String 20		No	<p>This identifies the PO Shipment level FOB description.</p> <p>If provided, it will be used to identify the correct PO Shipment if there are duplicate PO Expected Receipt Dates on the PO.</p> <p>The value provided in this field will be displayed on the PO Receipt - General tab - FOB if it matches with the FOB that is linked to the PO Expected Receipt Date.</p> <p>This field is NOT modifiable.</p>

SKU Details

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
Action	Attribute	String	“add” “update” “delete”	Yes	“add” will add a new detail line to existing document. “update” will modify an existing detail line of a document. “delete” will remove a detail line from a document.
SKUId	Element	Double		No	Database reference to a style/color/size.
UPCNo	Element	String 14		*	Required if style/-color/size codes or pack code not provided.
StyleCode	Element	String 20		*	Required if UPC code or pack code or vendor style code not provided.
ColorCode	Element	String 3		*	Required if style code or vendor style code is provided and style is colored.
SizeCode	Element	String		*	Required if style code or vendor style code is provided and style is sized.

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
PrimarySizeLabel	Element	String 8		*	Required if style code or vendor style code is provided and style is sized and SizeCode was not provided.
SecondarySizeLabel	Element	String 8		*	Required if style code or vendor style code is provided and style is 2-dim sized and SizeCode was not provided.
PackCode	Element	String 20		*	Required if receipt was for a pack.
StyleId	Element	Decimal		No	Database reference to a style.
ColorId	Element	Short		No	Database reference to a color.
PackId	Element	Decimal		No	Database reference to a size.
CartonNo	Element	String 20		No	Carton number that included the style/-color/size.
UnitsReceived	Element	Integer	>=0	Yes	Units received for a style/color/size.
UnitsDamaged	Element	Integer	>=0	No	Units received as damaged for a SKU.

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
TotalRetail	Element	Double		No	Total retail received for pseudo styles. Must not be provided for regular styles.
TotalNetFinalCost	Element	Double		No	Total net final cost received for pseudo styles. Must not be provided for regular styles.
TotalValuationRetail	Element	Double		No	Total valuation retail received for pseudo styles. Must not be provided for regular styles.
TotalGrossCost	Element	Double		No	Total gross cost received for pseudo styles. Must not be provided for regular styles.
Vendor_Style	Element	String 40		*	Required if UPC code or pack code or style code not provided.

XML examples

Create and receive a PO receipt

```
<?xml version="1.0" ?>
<POReceipt CompanyId="15" Action="add" EntityAction = "Receive">
<DocumentNo>1000002</DocumentNo>
<DocumentSource>3</DocumentSource>
<ReceiveDate>2013-07-26T00:00:00</ReceiveDate>
<LocationCode>0011</LocationCode>
<PONo>102696</PONo>
<SKUs>
<SKU Action="add">
<StyleCode>100000001</StyleCode>
<ColorCode>001</ColorCode>
<SizeCode>NoSz</SizeCode>
<UnitsReceived>2</UnitsReceived>
</SKU>
</SKUs>
</POReceipt>
```

Modify a SKU receipt

```
<?xml version="1.0" ?><POReceipt CompanyId="15" Action="update"> <Docu-
mentNo>1000002</DocumentNo> <SKUs> <SKU Action="update">
<StyleCode>100000001</StyleCode> <ColorCode>001</ColorCode>
<SizeCode>NoSz</SizeCode> <UnitsReceived>4</UnitsReceived>
</SKU> </SKUs></POReceipt>
```

Modify a pack receipt

```
<?xml version="1.0" ?><POReceipt CompanyId="15" Action="update"> <Docu-
mentNo>101110</DocumentNo> <SKUs> <SKU Action="update"> <Pack-
Code>000001</PackCode> <UnitsReceived>5</UnitsReceived> </SKU>
</SKUs></POReceipt>
```

Cancel a receipt

```
<?xml version="1.0" ?><POReceipt CompanyId="15" Action=" update" EntityAction =
"Cancel"> <DocumentNo>100005</DocumentNo></POReceipt>
```

Create and Ship a PO Receipt


```

<?xml version="1.0" ?>
<POReceipt CompanyId="15" Action="add" EntityAction = "Ship">
<DocumentNo></DocumentNo>
<DocumentSource>3</DocumentSource>
<LocationCode>0011</LocationCode>
<PONo>104825</PONo>
<AdvanceShippingNotice>000608</AdvanceShippingNotice>
<ShipDate>2014-07-26T00:00:00</ShipDate>
<SKUs>
<SKU Action="add">
<StyleCode>100000001</StyleCode>
<ColorCode>001</ColorCode>
<SizeCode>NoSz</SizeCode>
<UnitsReceived>0</UnitsReceived>
</SKU>

<SKU Action="add">
<PackCode>000052</StyleCode>
<UnitsReceived>26</UnitsReceived>
</SKU>
</SKUs>
</POReceipt>

```

Ship a receipt

```

<?xml version="1.0" ?><POReceipt CompanyId="15" Action=" update" EntityAction =
"Ship"> <DocumentNo>101970</DocumentNo></POReceipt>

```

Create and receive a PO receipt that is linked to a PO Expected Receipt Date, and PO Shipment Level Vendor

```

<?xml version="1.0" ?>
<POReceipt CompanyId="15" Action="add" EntityAction = "Receive">
<DocumentNo></DocumentNo>
<DocumentSource>3</DocumentSource>
<ReceiveDate>2015-06-23T00:00:00</ReceiveDate>
<LocationCode>0011</LocationCode>
<PONo>104825</PONo>
<ShipViaCode>AE</ShipViaCode>
<CarrierCode>5022</CarrierCode>
<ShipmentShipViaCode>AE</ShipmentShipViaCode>
<ShipmentCarrierCode>5022</ShipmentCarrierCode>
<ShipmentExpectedReceiptDate>2015-09-30</ShipmentExpectedReceiptDate>
<ShipmentCountryCode>UK</ShipmentCountryCode>
<ShipmentFOBDescription>Vancouver</ShipmentFOBDescription>
<SKUs>
<SKU Action="add">
<StyleCode>100000001</StyleCode>
<ColorCode>001</ColorCode>
<SizeCode>NoSz</SizeCode>
<UnitsReceived>0</UnitsReceived>
</SKU>
<SKU Action="add">
<PackCode>000052</StyleCode>
<UnitsReceived>26</UnitsReceived>
</SKU>
</SKUs>
</POReceipt>

```

Color Import

Field #	Name	Mand	Mod	Value	Notes
01	Record Type	Yes		CL	Color.
02	Action Type			A/D	'A'dd/'D'elele.
03	Color Code	Yes		3 AN	Must be a valid color code in PROD if action type is 'D'
04	Long Description	*		20 AN	Mandatory if action type is 'A'
05	Short Description			8 AN	If not provided, default to leftmost 8 characters of the long description.
06	Active Flag			Y/N	Default to 'Y' if not provided.
07	Color Group Code			20 AN	Must be a valid color group code that is defined in PROD. If not provided, then color group is not assigned to Color.

Price Change Header

Price Change Header

Document no.:

000271

Permanent

Regular

Buyer:

A

...

Admin

Description:

Jurisdiction:

HOME

...

Home

Submitted by:

General

Locations

Messages

Attributes

Pricing Group	Pricing Group Description	Location Code	Location Name	Printed Status
PGC04	IM Web Pricing Group	0010	Head Office America	<input type="checkbox"/>
		0012	Warehouse 12...	<input type="checkbox"/>
		0033	Store 33x	<input type="checkbox"/>

ASN Import using XML

The main steps for importing ASN information using an XML file are:

1. Create an XML text file as described in this document.
2. Run the Merchandising.Import XML Documents Services Administration job.

ASNs can also be imported using a tab-delimited file and Pipeline.

XSD definition

The XSD file is installed with Merchandising and is called ASN Import.xsd.

File structure definition

```
<ASN >
Header elements...
<POLocations>
<POLocation>
Location detail elements...
<SKUs>
<SKU>
SKU detail elements...
</SKU>
</SKUs>
</POLocation>
</POLocations>
</ASN>
```

Header

Tag name	Tag type	Data type	Valid values	Man-d	Notes
Action	Attrib-ute	String	“add” “delete” “update”	Yes	<p>“add” will create a new doc-ument.</p> <p>“update” will modify an exist-ing document. Updates can only be impor-ted for an ASN in preliminary status.</p> <p>“delete” will remove a doc-ument.</p>
EntityAction	Attrib-ute	String	“Receive”	No	<p>Receive will cre-ate the ASN in published status.</p> <p>Only ASNs in published status linked to Bulk PO’s can update A&R’s To Do List.</p>
CompanyId	Attrib-ute	Integer		Yes	The company number that the document resides.

Tag name	Tag type	Data type	Valid values	Man-d	Notes
DocumentNo	Element	String 20		*	ASN document number. Generated by Aptos when not provided for a create transaction. Mandatory for a update or delete transaction.
ASNStatus	Element	Short	1 (preliminary) 25 (published)	No	Set to published when not provided. Only published ASN linked to Bulk PO's will update A&R.
ExpectedReceiptDate	Element	Dat-etime	yyyy-MMd-dTHH:mm	No	Date of when the goods are expected to arrive. If not specified, will default to the current date.
ProBillNo	Element	String 30		No	Pro bill number. Carrier reference number

Tag name	Tag type	Data type	Valid values	Man-d	Notes
ShipDate	Element	Dat- etime	yyyy-MMd- dTHH:mm	No	
Weight	Element	Decimal (15,3)	>0.000	*	Mandatory if the unit weight code has been provided.
NoOfContainers	Element	Smallint	>=1	No	Number of containers the receipt arrived in. Mandatory if container type is provided.
ShipmentRefNo	Element	String 30		Yes	Identifies the vendor's shipment reference number. Must be unique.
UnitWeightCode	Element	String 10		*	Mandatory if the weight has been provided.
UnitWeightId	Element	Tinyint		No	Database reference to a unit weight code

Tag name	Tag type	Data type	Valid values	Man-d	Notes
ShipViaCode	Element	String 2		No	If provided, must be set to an existing active Ship Via code predefined in EDM.
ShipViald	Element	Smallint		No	Database reference to a ship via code.
CarrierCode	Element	String 4		No	If provided, must be set to an existing active carrier code predefined in EDM.
CarrierId	Element	Smallint		No	Database reference to a carrier code.
ContainerTypeCode	Element	String 3		*	If provided must be set to an existing active container type code predefined in EDM. Mandatory if NoOfContainers is specified.

Tag name	Tag type	Data type	Valid values	Mand	Notes
ContainerTypeeld	Element	Smallint		No	Database reference to a container type code.
VendorCode	Element	String 20		Yes	Vendor who is shipping the goods.
VendorId	Element	Decimal (12,0)		No	Database reference to a vendor code.

PO Location

There must be at least one PO location detail.

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
Action	Attribute	String	“add” “update” “delete”	Yes	“add” will add a new detail line to existing document. “update” will modify an existing detail line of a document. “delete” will remove a detail line from a document.

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
LocationCode	Element	String 20		Yes	In the case of a Bulk or Crossdock PO, the warehouse to which the vendor will ship the merchandise to. In the case of a dropship PO, the store to which the vendor will ship the merchandise to.
LocationId	Element	Smallint		No	
PONo	Element	String 20		*	Mandatory if blanket PO number and Release PO number are not specified.
POId	Element	Decimal (12,0)		No	
BlanketPONo	Element	String 20		*	Must be provided if ASN is for a Blanket purchase order. The release number for it must also be provided.
ReleaseNo	Element	Integer	>0	*	Must be provided if a blanket PO number was provided.
TicketStatus	Element	Integer	>0	No	

SKU Details

There must be at least one SKU detail per PO location detail.

Tag name	Tag type	Data type	Valid values	Mand	Notes
Action	Attribute	String	“add” “update” “delete”	Yes	“add” will add a new detail line to existing document. “update” will modify an existing detail line of a document. “delete” will remove a detail line from a document.
CartonNo	Element	String 20		No	Carton number that included the style/-color/size.
UnitsSent	Element	Long	>=0	Yes	Units shipped.
StyleCode	Element	String 20		*	Required if neither UPC code nor pack code is provided.
StyleId	Element	Decimal (12,0)		No	Database reference to a style.
ColorCode	Element	String 3		*	Required if style code is provided and style is colored.
ColorId	Element	Short		No	Database reference to a color.
PrimarySizeLabel	Element	String 8		*	Required if style code is provided and style is sized.

Tag name	Tag type	Data type	Valid values	Mand	Notes
SecondarySizeLabel	Element	String 8		*	Required if style code is provided and style is 2-dimensional style.
LocationCode	Element	String 20		*	Mandatory if the Purchase Order is of type Crossdock. Must not be provided for a Bulk or Dropship PO.
LocationId	Element	Short		No	Database reference to a location.
SKUId	Element	Decimal (13,0)		No	Database reference to a style/color/size.
UPCNo	Element	String 14		*	Required if style/-color/size codes or pack code not provided.
PackCode	Element	String 20		*	Required if neither UPC code nor style code is provided. Required if ASN is shipping packs.

XML examples

Create an ASN

```

<?xml version="1.0" ?>
<ASN Action="add" CompanyId="15">
<ASNStatus>1</ASNStatus>
<ExpectedReceiptDate>2010-08-20T00:00:00</ExpectedReceiptDate>
<ShipmentRefNo>PO-102743</ShipmentRefNo>
<VendorCode>100001</VendorCode>

<POLocations> <POLocation Action="add"> <LocationCode>0011</LocationCode>
<PONo>102743</PONo> <SKUs> <SKU Action="add">
<UPCNo>400000029719</UPCNo> <UnitsSent>100</UnitsSent> </SKU> </SKUs>
</POLocation></POLocations></ASN>

```

Modify ASN status (updates ASN status from preliminary to published)

```

<?xml version="1.0" ?><ASN Action="update" Com-
panyId-
="15"><DocumentNo>000340</DocumentNo><ASNStatus>25</ASNStatus></ASN>

```

Delete an ASN

```

<?xml version="1.0" ?><ASN Action="delete" Com-
panyId="15"><DocumentNo>000340</DocumentNo></ASN>

```

Ranking Group import

To import ranking group information:

1. Create a tab-delimited text file that follows the Ranking Group import file format. You can also use a comma-delimited text file or an XML file.
2. Initiate the import from the A&R Table Maintenance function for Ranking Groups. If you want to do a scheduled import, set up the schedule in A&R and then define the import job from Services Administration.

Ranking Group import file format

Field #	Name	Data Type	Mand	Valid Values	Notes
1	Ranking group code		Yes		User defined name that identifies the ranking which can be based on a lists of styles, list of classes, and so on. In this case, the ranking is NOT linked to any specific merchandise group or style.
2	Merchandise group code		*		Mandatory if creating a ranking group for a merchandise group. Indicates a ranking group will be created for specific merchandise group from the main merchandise hierarchy. Must adhere to the merchandise group mask defined in Product.

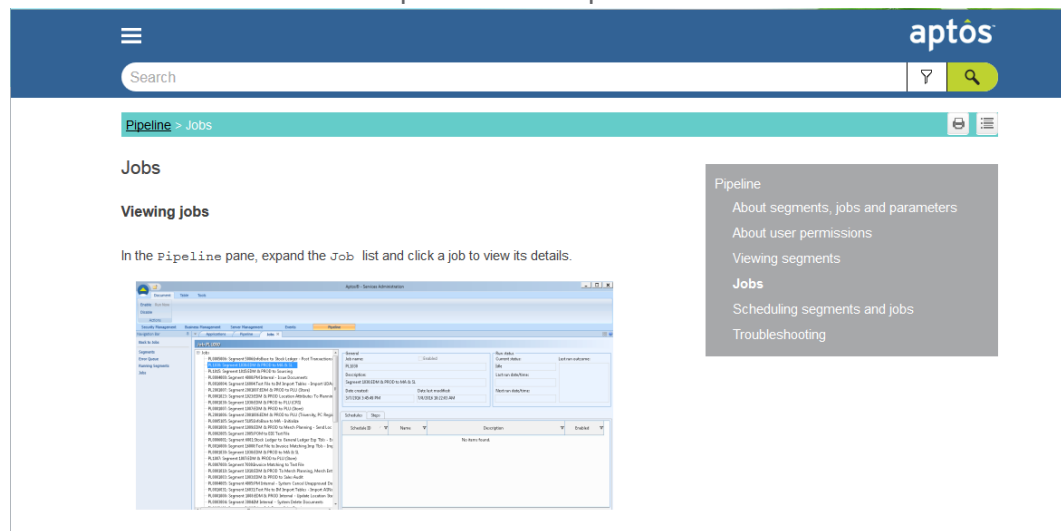
Field #	Name	Data Type	Mand	Valid Values	Notes
3	Style code		*		<p>Mandatory if creating a ranking group for a style.</p> <p>Indicates a ranking group will be created for specific style.</p> <p>Must adhere to style code mask defined in EDM parameters.</p>
4	Grade code	10 AN	Yes		Grade code assigned to the ranking group.
5	Minimum	Integer	No	Numeric value >=0	<p>Defaults to 0 if not provided.</p> <p>The Minimum unit value associated to each Grade for the designated Ranking Group. The Minimum value can be used by the distribution tools to assign units to a location.</p>
6	Maximum	integer	No	Numeric value >=0	<p>Defaults to 0 if not provided.</p> <p>The Maximum unit value associated to each Grade for the designated Ranking Group. The Maximum value can be used by the distribution tools to assign units to a location.</p>
7	Weight	Decimal (4,2)	No	>=0.00	<p>Defaults to 0.00 if not provided.</p> <p>The weight factor value associated to each Grade for the designated Ranking Group. The weight factor can be used by the distribution tools to assign units to a location.</p>

Field #	Name	Data Type	Mand	Valid Values	Notes
8	Location code		Yes		<p>Location assigned to each grade in that ranking group.</p> <p>Must adhere to the location code mask defined in EDM parameters.</p>

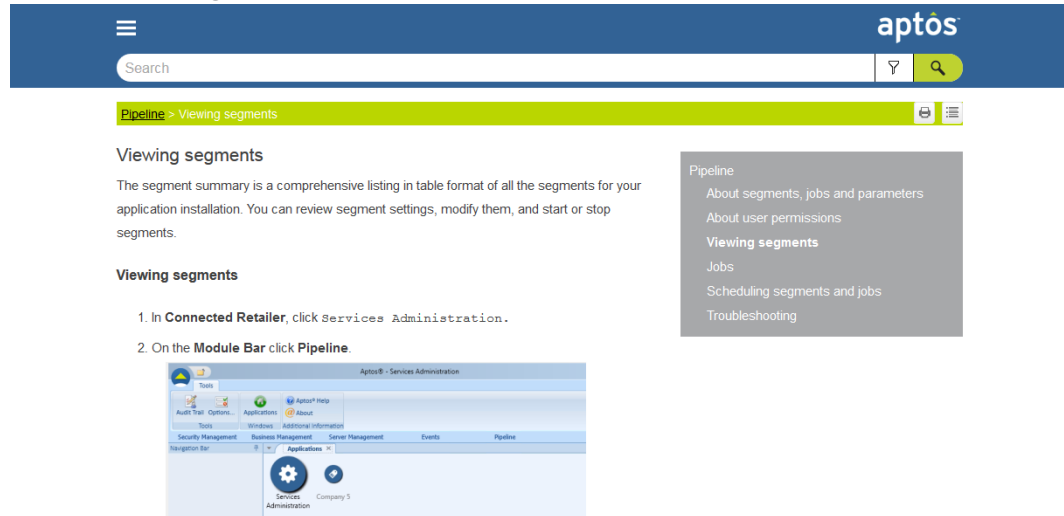
Importing overview

The steps for importing product information are:

1. Create a tab-delimited text file that uses the file layout described in **Color Import** on page 155.
2. Run segment 16001: Text File to EDM & PROD Import Tables.
This reads the flat text files and puts them in import tables.



3. Run Pipeline segment 17000: EDM & PROD Import Tables to EDM & PROD.



4. For UPC loads, you can use segment 17001 instead of 16001 and 17000, as long as you have already imported the data required for a UPC data load, styles, colors and sizes.

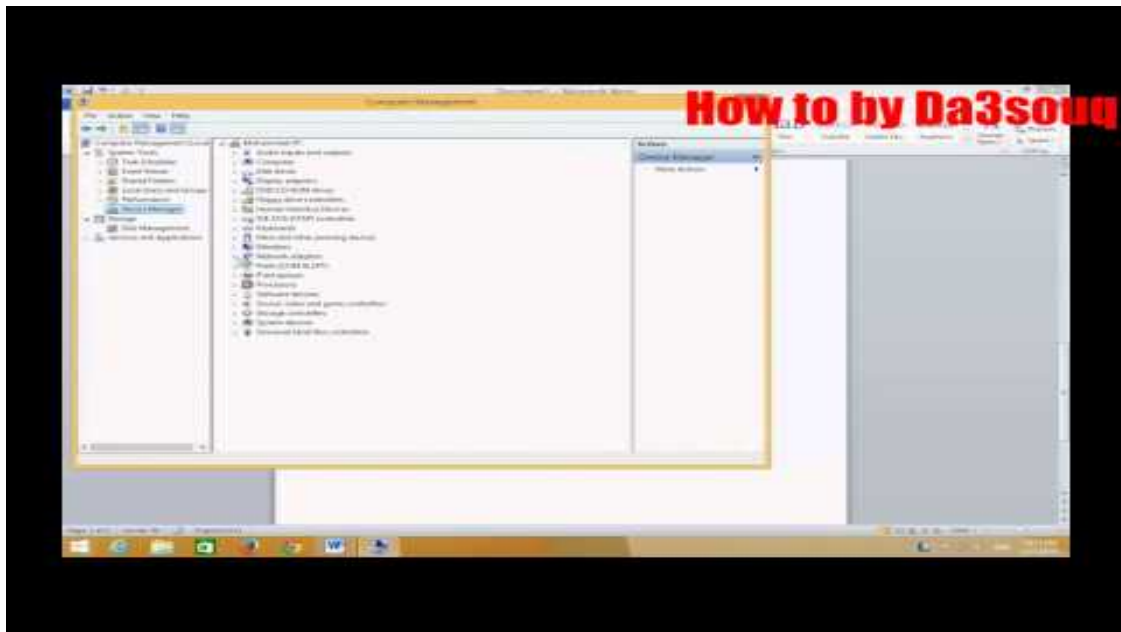
CHAPTER 5

Configuring

This chapter discusses:

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Configuring Aptos Retail Management



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Scisse enim te quis coarguere pos-
 sit? Tamen a proposito, inquam, aberramus. Quod cum dixissent, ille contra. Mihi enim
 satis est, ipsis non satis. Scisse enim te quis coarguere possit? Quid ergo?

Configuration overview

Sullae consulatum, nam quid possumus facere melius. Sed quid sentiat, non videtis. Ille enim occurrentia nescio quae comminiscebatur.

1. Cur post Tarentum ad Archytam.
2. Sed tu istuc dixti bene Latine, parum plane.
3. Ergo instituto veterum, quo etiam Stoici utuntur, hinc capiamus exordium.
4. Sed quot homines, tot sententiae

Header

Tag Name	Tag Type	Data Type	Valid Values	Man-d	Notes
Action	Attrib-ute	String	"add" "update" "delete"	No	"add" will create a new document. "update" will modify an existing document. "delete" will remove a document.

Tag Name	Tag Type	Data Type	Valid Values	Man-d	Notes
EntityAction	Attribute	String	"Freeze" "FreezeHeader" "Unfreeze" "Modify" "Complete" "Cancel"	No	<p>"Freeze" is issued by WM to take over control of a distribution. This will either freeze entire document or just some of the distribution lines.</p> <p>"FreezeHeader" is issued by WM and it will only freeze the distribution header while leaving all distribution lines in an unfrozen status, WM uses this action to alert the allocator that WM picking will begin soon but has not happen yet.</p> <p>"Unfreeze" is issued by WM to release the distribution back to A&R as an allocator needs to adjust the quantities within A&R.</p> <p>"Modify" is issued by WM when it adjusts the distribution quantities.</p> <p>"Complete" is issued by WM when shipping against the dis-</p>

Tag Name	Tag Type	Data Type	Valid Values	Man-d	Notes
					<p>tribution or a distribution line has been completed.</p> <p>"Freeze", "Unfreeze" and "Complete" can be applied against individual lines or for the entire distribution.</p> <p>"Cancel" is issued by WM when it needs to cancel an entire distribution document. Outstanding allocated quantities will be backed out from InfoBase.</p> <p>Create, Submit, Approve, Reject, Release and Reinstate are also valid import actions but they typically happen within the A&R application and are not applicable for import integration purposes (unless the distribution was created outside of A&R).</p>

Tag Name	Tag Type	Data Type	Valid Values	Man-d	Notes
CompanyId	Attribute	Integer		Yes	The company number that the document resides.
Number	Element	String 20		*	<p>Distribution document number.</p> <p>Mandatory if importing a distribution modify (action = update or delete).</p> <p>Not mandatory if importing a distribution create (Action = add). For a Distribution Add, the system will generate the distribution number if not provided.</p>
Description	Element	String 60		No	Applicable only if importing a distribution create (action = add).
CreateDate	Element	Datetime		No	Applicable only if importing a distribution create (action = add).

Tag Name	Tag Type	Data Type	Valid Values	Man-d	Notes
Status	Element	Short	1 thru 10	No	<p>Indicates the status of the document.</p> <p>Applicable only if importing a distribution create (action = add)</p> <p>New = 1, Preliminary = 2, Pending = 3, Rejected = 4, Open = 5, Released = 6, Frozen = 7, Completed = 8, Cancelled = 9, Deleted = 10</p>
DocumentSource	Element	String	"ExternalSource"	*	<p>Mandatory if importing a distribution create (action = add). It can only be set to ExternalSource.</p> <p>Non mandatory (not applicable) if importing a distribution update/delete and should not be provided. andatory if importing</p>

Tag Name	Tag Type	Data Type	Valid Values	Man-d	Notes
ReleaseDate	Element	Datetime		No	Applicable only if importing a distribution create (action = add). The date the distribution was released to WM.
ExpectedReceiptDate	Element	Datetime		No	Applicable only if importing a distribution create (action = add). The date the ordered items are expected to be received into the warehouse.
PositionCode	Element	String		No	Applicable only if importing a distribution create (action = add). The user's position that created the distribution document.
VendorCode	Element	String 20		*	Applicable only if importing a distribution create (action = add) Mandatory if DocumentSource is Vendor Order.

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
WarehouseLocationCode	Element	String 20		*	<p>The warehouse the items are to be received in or shipped from.</p> <p>Mandatory if importing a distribution create (action = add) .</p>
ReserveLocationCode	Element	String 20		*	<p>The warehouse that the items are to be put-away as reserve.</p> <p>Applicable only if importing a distribution create (action = add) and if the reserve differs from the WarehouseLocationCode.</p> <p>The warehouse that the items are to be put-away as reserve.</p>

Distribution lines

A distribution line can be identified by Vendor Style and Color Code OR Style and Color Code OR by Pack Code. A distribution line is mandatory when importing any action that needs to be applied at the line level and/or detail level and/or pack detail level.

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
Action	Attribute	String	"add" "update" "delete"	No	Use "add" to add a new detail to a document, "update" to modify an existing detail of the document and "delete" to remove a detail from the document. Actions are case-sensitive.
VendorStyle	Element	String 40		*	Required if neither style nor pack code is provided.
VendorCode	Element	String 20			The code assigned to the vendor who will provide the merchandise on the PO.
StyleCode	Element	String 20		*	Required if neither vendor style nor pack code is provided.
ColorCode	Element	String 3		*	Required if vendor style or style is provided. If style is no color type, then must provide 000 as the color value.
PackCode	Element	String 20		*	Required if neither vendor style nor style code is provided.

Distribution locations

A distribution location is mandatory when importing any action that needs to be applied at the detail level and/or pack detail level.

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
Action	Attribute	String	"add" "update" "delete"	No	Use "add" to add a new detail to a document, "update" to modify an existing detail of the document and "delete" to remove a detail from the document. Actions are case-sensitive.
LocationCode	Element	String 20		Yes	The location for which quantities are being allocated for.
SuggestedQuantity	Element	Integer	>=0	Yes	Number of suggested packs to distribute to the target location.
ExpectedReceiptDate	Element	Date		No	The date the ordered items are expected to be received into the warehouse.
Instruction	Element	Short			The distribution instruction for a location.
Value	Element	Short			The instruction value for a location.
FilterFlag	Element	Boolean			Not applicable.

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
PriorDistributionFlag	Element	Boolean			Whether this style/-color (or style/pack) received quantities of merchandise on one of the selected prior distributions.
Eligibility	Element	Short			Set to eligible if all SKUs are eligible for the location; set to Ineligible if no SKUs are eligible for the location; set to Partially eligible if some SKUs are eligible and some are not. If packs are being distributed, the eligibility is based on all SKUs in the pack.
EffectiveInventory	Element	Integer			Not applicable.
HistEffectiveInventory	Element	Integer			Not applicable.
UnitSales	Element	Integer			Not applicable.
HistUnitSales	Element	Integer			Not applicable.
RetailSales	Element	Integer			Not applicable.
HistRetailSales	Element	Integer			Not applicable.
OnHand	Element	Integer			Not applicable.
HistOnHand	Element	Integer			Not applicable.

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
NumberWeeksSales	Element	Double			Not applicable.
RemainingSales	Element	Integer			The remaining units in the sales plan for a location.
DesiredQuantity	Element	Integer			The raw suggested quantity for a location, before volume grades min/max or distribution multiple constraints have been applied, or before percent need has been equalized to reach the distribution's target percent need.
OTSFlag	Element	Boolean			Not applicable.

Distribution details

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
Action	Attribute	String	"Add" "Update" "Delete"	No	Use "add" to add a new detail to a document, "update" to modify an existing detail of the document and "delete" to remove a detail from the document.

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
UPCNumber	Element	String 14		*	Required if neither style, vendor style nor pack is provided. The style and color of the SKU specified by the UPC number must match what was entered for the distribution line.
LocationCode	Element	String 20		Yes	The location for which quantities are being allocated for. Links the distribution detail record to the correct distribution location record.
Quantity	Element	Integer	>=0	Yes	Number of SKUs or packs to distribute to the target location.
SuggestedQuantity	Element	Integer	>=0	Yes	Number of suggested packs to distribute to the target location.

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
VendorStyle	Element	String 40		*	<p>Required if neither style, UPC nor pack is provided.</p> <p>Specified only if the matching line's type is Vendor Style Color</p> <p>Links the distribution detail record to the correct distribution line record.</p>
StyleCode	Element	String 20		*	<p>Required if neither vendor style, UPC nor pack is provided.</p> <p>Specified only if the matching line's type is Style Color.</p> <p>Links the distribution detail record to the correct distribution line record.</p>

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
ColorCode	Element	String 3		*	<p>Required if Style or Vendor Style was provided. If style is no color type, then must provide 000 as the value.</p> <p>Specified only if the matching line's type is Style Color or Vendor Style Color.</p> <p>Links the distribution detail record to the correct distribution line record.</p>
SizeCode	Element	String 17		*	<p>Required if Style or Vendor Style was provided. If style is no size type, then must provide NoSz as the value.</p>
PackCode	Element	String 20		*	<p>Required if neither style, vendor style nor UPC is provided.</p> <p>Specified only if the matching line's type is Pack.</p> <p>Links the distribution detail record to the correct distribution line record.</p>

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
PrimarySizeCode	Element	String 18			Not applicable.
ComparableSetName	Element	String			Not applicable.
SkippedReason	Element	Integer			Not applicable.

Distribution pack details

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
Action	Attribute	String	"Add" "Update" "Delete"	No	Use "add" to add a new detail to a document, "update" to modify an existing detail of the document and "delete" to remove a detail from the document.
LocationCode	Element	String 20		Yes	The location for which pack quantities are being allocated for.
PackCode	Element	String 20		Yes	The pack code that is being distributed to the target location.
SuggestedQuantity	Element	Integer	>=0	Yes	Number of suggested packs to distribute to the target location.
Quantity	Element	Integer	>=0	Yes	Number of packs to distribute to the target location.

Distribution messages

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
Action	Attribute	String	"add" "update" "delete"	No	"add" will add a new message to a document. "update" will modify an existing document message. "delete" will remove a message from the document.
Text	Element	String 255		Yes	
MessageTypeDescription	Element	String 20		Yes	Must be an 'Allocation & Replenishment' transaction type. If the message type is exclusive, then it must be unique within the Distribution document.
OldMessageTypeDescription	Element	String 20		No	

Distribution attributes

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
Action	Attribute	String	"add" "update" "delete"	No	"add" will add a new attribute to a document. "update" will modify an existing document attribute. "delete" will remove a attribute from the document.
AttributeSetCode	Element	String 6		Yes	Must be an 'A&R' attribute type. If the attribute is exclusive, then it must be unique within the Distribution document.
OldAttributeSetCode	Element	String 6		No	

Distribution custom properties

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
Action	Attribute	String	"add" "update" "delete"	No	<p>"add" will add a new custom property to a document.</p> <p>"update" will modify an existing custom property.</p> <p>"delete" will remove a custom property from the document.</p> <p>Actions are case-sensitive.</p>
CustomPropertyCode	Element	String 6		Yes	Must be an 'A&R' custom property type.
CustomPropertyValue	Element	String 30		No	The value will be validated against the custom property's data type. If alphanumeric type then the value must be alphanumeric, if numeric type then the value must be numeric, if date type then the value must be a valid date provided with element CustomPropertyDateValue.

Tag Name	Tag Type	Data Type	Valid Values	Mand	Notes
CustomPropertyDateValue	Element	DateTime	yyyy-MMd-dTHH:mm	No	If custom property's data type is a date type then the value must be a valid date provided.
OldCustomPropertyCode	Element	6		No	

Min Max import

To import Min Max information:

- 1. Create an XML file that follows the Min Max import file format.
- 2. Initiate the import from the A&R Table Maintenance function for Min/Max Profiles.

XSD definition

The XSD file is installed with Merchandising and is called Min Max Profile Import.xsd.

Note: If you load a record that already exists, the system overlays the existing record with the new imported record.

Min Max import file format

```
<Nsb.AllocationReplenishment>
<MinMaxProfileList>
Min Max elements...
</MinMaxProfileList>
</Nsb.AllocationReplenishment>
```

Tag Name	Data Type	Max Length	Valid Value	Man-d	Comments
StyleCode	String	20		Yes	
ColorCode	String	3		Yes	
SizeCode	String	17		Yes	
LocationCode	String	20		Yes	

Tag Name	Data Type	Max Length	Valid Value	Mand	Comments
PresentationStock	Integer		>=0	*	Mandatory if InclPresStock-WithOrdPtFlag is set to True.
CapacityMaximum	Integer		>=0	No	Do NOT set to 0 if capacity maximum is not to be used in the min/max calculations. Must not be provided if capacity maximum is not to be adhered to during min/max calculations
Minimum	Integer		>=0	*	Required if capacity maximum is not provided. Required if Maximum is provided.
Maximum	Integer		>=0	*	If provided, must be >= Minimum. Required if capacity maximum is not provided. Required if Minimum is provided.
OrderPoint	String Enum		Minimum Maximum	No	Defaults to system parameter setting when not provided.

Tag Name	Data Type	Max Length	Valid Value	Mand	Comments
InclPresStock-WithOrdPtFlag	Boolean		1 = True 0 = False	No	Indicates whether presentation stock is included with the order point. Defaults to False when not provided.
DynamicStartDate	Date		Date	No	Indicates the starting date the dynamic profiles will be used when the Min/Max distribution method is applied against a distribution. Date format: yyyy-MM-dd.
DynamicMinimum	Integer		>=0		Required if Dynamic Maximum is provided.
DynamicMaximum	Integer		>= Dynamic Minimum		Required if Dynamic Minimum is provided. If provided, must be >= Dynamic Minimum.
Source	Enum		Forecasting Actual Sales		Not applicable for import. Set by system when min/max are generated by A&R processes.

XML Example

```
<?xml version="1.0" encoding="utf-8" ?>
<Nsb.AllocationReplenishment>
  <MinMaxProfileList>
    <MinMaxProfile StyleCode="015-147" ColorCode="001" SizeCode="L" LocationCode="0781"
      PresentationStock="" CapacityMaximum="" Minimum="1" Maximum="2" OrderPoint="Minimum"
      InclPresStockWithOrdPtFlag="0" />

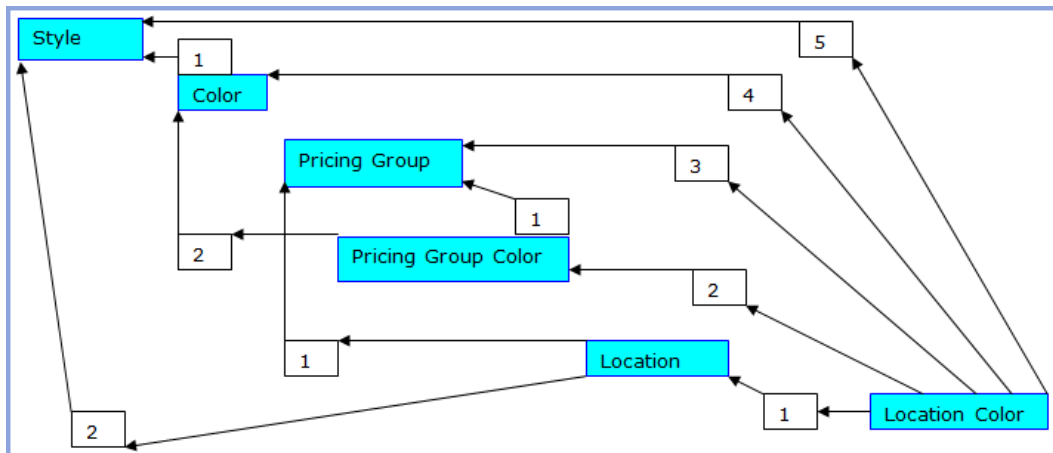
    <MinMaxProfile StyleCode="015-147" ColorCode="001" SizeCode="S" LocationCode="0799"
      PresentationStock="" CapacityMaximum="" Minimum="1" Maximum="2" OrderPoint="Minimum"
      InclPresStockWithOrdPtFlag="0" />
  </MinMaxProfileList>
</Nsb.AllocationReplenishment>
```

About configuring Aptos Retail Management

The steps for configuring Aptos Retail Management are:

1. Accentuating the positive.
2. Eliminating the negative.
3. Latching on to the affirmative.
4. Not messing with Mister In-Between.
5. Running a **Size Scale import** to import matrix settings.

How this works



This is what's going on, at least most of the time.

Price Change Header

Price Change Header

Document no.:

000271

Permanent

Regular

Buyer:

A

...

Admin

Description:

Jurisdiction:

HOME

...

Home

Submitted by:

General

Locations

Messages

Attributes

Pricing Group	Pricing Group Description	Location Code	Location Name	Printed Status
▶ PGC04	IM Web Pricing Group	0010	Head Office America	<input type="checkbox"/>
		0012	Warehouse 12...	<input type="checkbox"/>
		0033	Store 33x	<input type="checkbox"/>