



Retail X12 Advance Shipment Notice Integration Guide

Publication Date: May 5th, 2023
Modified Date: September 26th, 2025
Version: 1.3

Table of Contents

| | |
|---|----|
| Retail 856 Overview..... | 2 |
| Retail 856 Integration Process..... | 2 |
| New Vendors:..... | 2 |
| Currently Integrated (Migration to Version 2.0):..... | 3 |
| Retail 856 Edit Process (ASN Replacement) | 4 |
| Important Data Elements | 5 |
| Retail 856 Example | 7 |
| Sequence of Events:..... | 10 |

Retail 856 Overview

An **advance shipment notification (ASN)** is a message vendor sends to Amazon that contains required shipment information for a Retail purchase order. An ASN includes information about the physical shipment such as the number of pallets and packages, the contents of packages, and details about items like expiration dates that our fulfillment center needs to receive the shipment correctly.

- An ASN is required for every shipment.
- An ASN gives notice of your shipment contents and carrier tracking information before your products arrive at a fulfillment center.
- If an ASN has been sent via Vendor Central please do not send the same via EDI or vice versa as it may create duplicates in Amazon system. For AMZNCC labels it is required to submit ASNs via Vendor Central.
- The information provided in an ASN must match with the contents of the physical shipment. It is important that the physical shipment (Pallets and/or cartons) and their related labels are correctly represented on the ASN.

For help in selecting an ASN format and ensuring you have information listed, reference the excel file *Match Shipment to Physical Format* as well as our learning hub training *API ASN Creation and Best Practice*.

Vendor Central > Main Menu > Learn > Learning Hub > Operations > Shipments: *API ASN Creation and Best Practice*.

- The cumulative number of items shipped according to a specific purchase order must match with the number of items and units confirmed. The unit of measurement (EA = each, CA = case) must match the one sent on the purchase order.
- ASN must be received by Amazon's system before the physical shipment arrives at the ship to location to avoid any possible receive delays with respect to shipments.
- You can verify whether the EDI ASN was successfully received under **Orders** in [Shipments](#) and under **Integration (EDI/API)** in [Operational Analytics](#). ASNs submitted via EDI for child codes will only be visible in the account of the EDI parent vendor code.

Retail 856 Integration Process

New vendors:

1. Under the **Integration** tab, select [EDI Integration](#) and click **View EDI set up** for your vendor code to access the **Messages dashboard**.
2. Click **Start** for **Advance shipment notification (ASN)**.
3. Review the business requirements, then click **Acknowledge and continue**.
4. In **Settings**, select the box under **Perishable items configuration** if you will be shipping perishable items to us.
5. In the **Test environment**, review your settings. Click **Promote**, then **Confirm**.

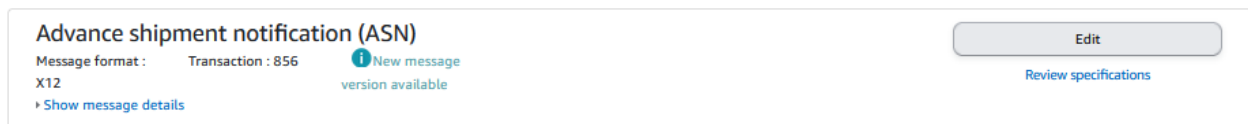
6. In **Integration test**, pass all the test cases on the page, then click **Continue**.
 - **ASN license plate receive (SSCC)** is the standard test for all vendors.
 - If you selected the Perishable items configuration in **Settings**, you must also pass the **ASN expiry dates** test.
7. In the **Production environment**, click **Schedule promotion** to move the ASN to production.

Currently Integrated (Migration to Version 2.0):

The X12 ASN Version 2.0 allows for the use of SOTI (Shipment, Order, Tare/Pallet, Item) format. Reference our Retail X12 ASN File Structure Guidance file and other support files for further details on the format.

If you are already integrated to the EDI X12 ASN and want to migrate to the new X12 ASN Version 2.0, follow the below steps.

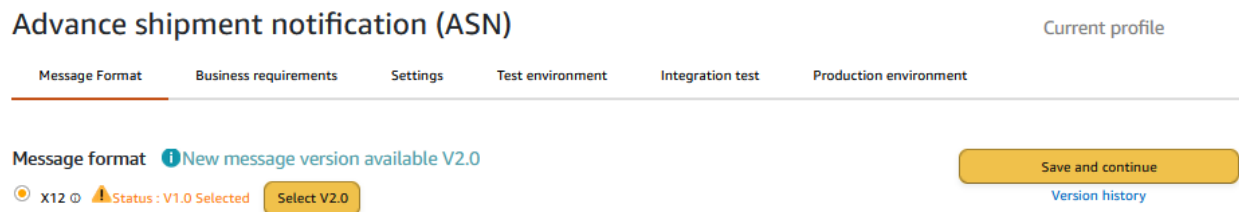
EDI self-service integration in Vendor Central allows you to upgrade existing, production EDI message integrations to a new version seamlessly. If a new version for one of the EDI messages is available, you will see a notification on both the “Messages Dashboard” as well as on the “Message Format” tab of your EDI message configuration in Vendor Central.



To guarantee a safe upgrade, follow these steps:

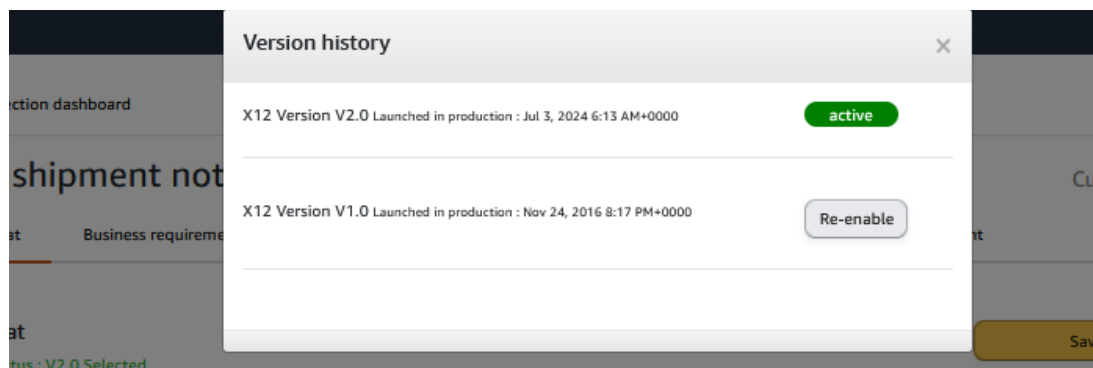
Note: You can also reference the training EDI/API ASN Creation and Best Practice on Vendor Central > Main Menu > Learn > Learning Hub > Operations > Shipments for guided steps on migration to Version 2.

1. Review details about the new message version in this document and the updated EDI message specification.
2. Select and save new message version on “Message Format” tab.



3. Promote new version to test environment (“Message Version” value on the promotion table). Promoting the new version in test environment WILL NOT affect your production environment.

4. Re-test your message integration on the “Integration Test” tab. These test cases are of crucial importance if you are moving to a new EDI ASN structure of SOTI that will accurately represent your physical shipment.
5. Promote your successfully tested message to production. Promoting the new version in production environment WILL affect your production environment.
6. You can review your “Version History” on the “Message Format” tab to verify your current version and re-enable (rollback) a previous version if needed. We will deactivate the possibility to re-enable previous versions once they are no longer required or supported.



Retail 856 Edit Process (ASN Replacement)

If you want to edit a previously submitted EDI ASN to correct errors or include updated information, you can send a second EDI ASN. This helps to improve booking accuracy after the initial ASN is submitted.

Scope of EDI ASN edit

- Create an EDI 856 replacement to the original ASN sent with BSN01 = 05 and BSN02 = Same Shipment ID used in original ASN.
 - BSN*00*UNIQUE ASN ID*20230223*011147*0001~ → Original ASN
 - BSN*05*UNIQUE ASN ID*20230223*011147*0001~ → Replacement ASN
- Ensure that the replacement is updated to BSN01 = "05" (replace), as sending it with "00" will result in data validation failures and duplicates.
- Pallet, carton, and unit count can be increased or decreased with a replacement ASN.

Please note: It is important that your information in quantity of pallets and units as well as shipment identifiers (Carrier tracking number “PRO”, Bill of Lading “BOL”, and Amazon Reference Number “ARN – WePay only”) matches to your carrier appointment information as this is used for planning purposes.

- An EDI ASN can only be edited by another EDI ASN. An ASN created manually through vendor central account can’t be edited via EDI, and an EDI ASN can’t be edited through your account.
- An ASN can be edited within 60 days of the initial transmission, and only if the ASN has not been used for an appointment where the shipment has already reached a fulfillment center, whichever happens sooner.

Verification of successfully edited ASNs

We do not notify about the status of edited EDI ASNs. Verify the updated version of the ASN through your account under **Orders** in [Shipments](#). It may take up to 30 minutes for the updated version to be displayed. Contact us via the Vendor Central contact us case if your account does not update with the new values for the corrected ASN.

Note: If a new EDI 856 needs to be sent that is not an update, use a different ASN ID (BSN02). A new, unique ASN ID must be created for each of your EDI 856 transmissions to avoid overrides and possible ASN chargebacks. Once we receive the replacement EDI 856, we will send the corresponding 997 acknowledgment and an MDN (if using AS2) for your records.

Detailed examples of Hierarchical structure samples are available within Sample Files Folder from the *AMZN Retail X12 856 ASN Specification Package* in Vendor Central.

Important Data Elements

Some segments are essential for correct EDI 856 processing in our system. More details are shown below:

| Data | Segment | Business Requirement |
|----------------------------------|---------|--|
| Bill of lading | REF*BM | Bill of lading (BOL) is the reference number required for appointment booking at Amazon. It is the default reference number of the document accompanying the physical shipment. This reference must be provided when we ask for a valid ASN of the shipment. BOL is only required for FTL/LTL shipments. |
| Shipment identification (ASN ID) | BSN02 | Required for every EDI 856. This field will be a unique ID (uniqueness is defined within the context of the vendor) which represents this ASN. Unique = not used within the past 365 days. |
| PRO number | REF*CN | Required for every EDI 856. The PRO number is a unique number assigned by the carrier. It is used to identify and track the shipment that goes out for delivery. The shipment level REF*CN is required for all Less Than Truckload (LTL) and Full Truck Load (FTL) shipments. For multi carton small parcel shipments (carton count > 1), a unique PRO number is required for each carton at the package level. For single carton small parcel shipments (carton count = 1), the PRO number is not required at the package level if it is present at the shipment level. |
| Amazon reference number | REF*BX | Required only for EDI 856 of collect shipments. This field will contain the Amazon Reference Number (ARN) provided via routing instructions for a collect shipment or under Shipments tab in Vendor Central. |
| Seal Number | REF*SN | Required (for Full Truck Loads (FTL) shipments) through REF*SN segment if the shipment contains a seal number. |

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| Shipped date | DTM01 = 011 | Required for every EDI 856. This field indicates the date of the departure of the shipment from the vendor's location. EDI 856 must be received by Amazon before the freight arrives at Amazon FC. |
| Estimated Delivery Date | DTM01 = 017 | Required for every EDI 856. Date on which the shipment is expected to reach our FC. For WePay vendors, it must be an estimate based on the average transit time between ship-from location and the destination. The exact appointment time will be provided by Amazon and may not be known when the ASN is created. For TheyPay vendors, it is the expected delivery date provided by carriers. |
| Pallet count | TD1*PLT | Specifies total number of pallets in the shipment. This segment is required only when pallets are being shipped. |
| Carton count | TD1*CTN | Carton count is required at Header level as well as at Pallet level (for FTL/MTL shipments). Carton count at Header level must be equal to the total number of cartons included in physical shipment whereas pallet level carton count is required to include total number cartons included per pallet. |
| Shipping location | N1*ST | Required for every EDI 856. To obtain the SAN codes of the location where the products are being shipped, refer to the Amazon NA Fulfillment Center list available in Vendor Central under Help › Automation at Amazon › EDI resources › Resources. |
| Ship from | N1*SF | Required for every EDI 856. Include your warehouse qualifier and identification code, ZIP code and country code. All of this information is required, otherwise the ASN will not be processed correctly. |
| Purchase order number | PRF01 | Required for every EDI 856. If there is only one purchase order in the shipment, you can include this in the message header. |
| Standard Carrier Alpha Code (SCAC) | TD503 | Required for every EDI 856. The Standard Carrier Alpha Code (SCAC) is a unique code used to identify a carrier. Carrier SCAC codes are published and maintained by the NMFTA (National Motor Freight Association). |
| Container Code (LP label) | MAN | Required for every EDI 856. Amazon supports 4 types of LP labels which needs to be added under MAN segment - SSCC (Serial Shipment Container Code), GTIN14 - Global Trade Item Number (14-digit number; used worldwide), AMZNCC - Amazon container code, 2D BPS - Barcode Packing Slips. Detailed explanation of each label type has been provided in the "North American vendor shipment guidelines" available in Vendor Central under Help › Shipping › Vendor Manual. |
| Item identification | LIN | Required for every EDI 856. The ASN must include the same product ID type qualifier and product ID that was used on the purchase order. You can change the product ID type you receive on purchase orders in the EDI Integration feature under Global Settings in the Messages dashboard . The |

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| | | product IDs must match or the ASN will not be processed in our system. |
| Lot number | LIN04 and LIN05 | Required for perishable Items. The batch or lot number associates an item with information the manufacturer considers relevant for traceability of the trade item to which the element string is applied. The data may refer to the trade item itself or to items contained. |
| Expiry date/ Manufacture date | DTM01 = 036 (Expiration) or DTM01 = 094 (Manufacture) | Required for perishable Items. Must be sent at item level. The date that determines the limit of consumption or use of a product. Its meaning is determined based on the trade item context. Note that the required date type depends on the item category. If you are unsure which date type is needed for your items, reach out to your Amazon business representative. |
| Shelf Life | MEA | Required when manufacture date is included in DTM segment (DTM01 = 094). Shelf life defines the valid duration of the product consumption based on manufacture date. |
| Quantity | SN102 | Required for every EDI 856. Cumulative number of units shipped for a specific item must match the number of units ordered and confirmed in respective PO and POA with the same unit of measurement (CA=cases or EA=eaches). Mismatch between the number of units may cause receive issues. |
| Unit of Measure | SN103 | Required for every EDI 856. The unit of measure in ASN must match the unit of measure used in respective PO. Mismatch in UOM may cause receive issues. |

Retail 856 Example

Break-down of an example 856 with segment explanations and highlighted data elements:

| Hierarchy | Segment | Meaning |
|-----------------------------------|--|--|
| Interchange Control Header | ISA*00* *00* *ZZ*Vendor_ISA_ID*ZZ*AMAZON *241005*1608*U*00401*000100000*0*P*>~ | Interchange header: Identifies and specifies sender (ISA06) and receiver (ISA08) ISA IDs |
| Header level | GS*SH*VENDOR_GS_ID*AMAZON*20241005*1608*3*X*004010~ | Functional group header: Identifies and specifies type of a message. For ASN, GS01 = SH |
| | ST*856*0001~ | Transaction set header: For ASN, ST02 = 856 |
| | BSN*00*UNIQUE ASN ID*DATE*011147*0001~ | Beginning of ASN: BSN01 specifies whether this is an original ASN (00) or an update (05). BSN02 specifies the unique ASN ID for the shipment |
| | HL*1**S~ | Hierarchical level shipment |

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|--------------|-------------------------------|--|
| Detail Level | TD1*CTN*2****G*30*LB~ | Shipment details: For TD102 as CTN, TD103 specifies the carton count. This must match with the number of packages present in physical shipment. |
| | TD1*PLT*2~ | Shipment details: For TD102 as PLT, TD103 specifies the pallet count. This must match with the number of pallets present in physical shipment |
| | TD5**2*ABFS~ | Carrier details: SCAC code is specified in TD503 |
| | REF*BM*BOL NUMBER~ | Bill of lading: For REF01 as BM, REF02 specifies BOL |
| | REF*CN*PRO NUMBER~ | PRO: For REF01 as CN, REF02 specifies PRO (tracking number) |
| | REF*BX*ARN NUMBER~ | Amazon reference number: For REF01 as BX, REF02 specifies ARN (required for collect shipments and provided on the routing instructions) |
| | REF*SN*SEAL NUMBER~ | Seal number: Required for (TL shipments) if the shipment contains Seal number |
| | DTM*011*DATE~ | Date: For DTM01 as 011, DTM02 specifies Ship Date |
| | DTM*017*DATE~ | Date: For DTM01 as 017, DTM02 specifies Estimated Delivery Date |
| | FOB*CC~ | FOB instructions: FOB02 specifies which part will pay the carrier |
| | N1*Sf*VENDOR NAME*15*LOCCODE~ | Ship from: N1 segment with qualifier SF includes the Ship from address. Depending on N103 code, the corresponding value has to be provided in the N104 |
| | N4*City*ST*NNNNN*US~ | Ship from: Address details |
| | N1*ST*AMAZON.COM*15*1553992~ | Ship to: N1 segment with qualifier ST specifies the Amazon ship-to address. This must be the same as sent via EDI 850 |
| | N4*NEW CASTLE*DE*19720*US~ | Ship to: Address details |
| | HL*2*1*O~ | Hierarchical level object |
| | PRF*P3618661~ | Purchase order reference: Specifies the purchase order number which must match the one received via EDI 850 |

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| | HL*3*2*T~ | Hierarchical level tare (pallet) |
| | TD1*CTN*10~ | Shipment Details: For TD102 as CTN, TD103 specifies the carton count present under pallet. |
| | MAN*GM*00100746460944048575~ | Label identifier: Specifies the label code for the pallet |
| | HL*4*3*P~ | Hierarchical level package |
| | MAN*GM*00100746460944048577~ | Label identifier: Specifies the label code for the package |
| | HL*5*4*I~ | Hierarchical level item |
| | LIN*1*UP*PRODUCT ID~ | Line item identification: Specifies the line number, product ID type qualifier, and product ID. The product ID must match the one sent on the original purchase order. |
| Summary | SN1**30*EA~ | Line item details: Specifies the quantity and unit of measurement (EA = each, CA = case). Must match with the one sent in EDI 850 |
| | CTT*5*30~ | Transaction totals: CTT01 specifies count of HL loops; CTT02 specifies sum of all SN102 segments |
| | SE*21*0001~ | Transaction set trailer: Ends a transaction set, SE02 = ST02 |
| | GE*1*3~ | Functional group trailer: Ends a group, GE02 = GS06 |
| Interchange Control Trailer | IEA*1*000100000~ | Interchange trailer: Ends an Interchange, IEA02=ISA13 |

Sequence of Events:

