

VinNOW XML Data Import Specification

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VinNOW XML Data Import Specification

Overview

The XML Data Import function allows orders and customer records created externally to be imported into VinNOW.

This document describes the required XML data elements which identify the file; and define the orders and/or the customer records.

- **Identification**

<DataSource>

Every valid XML import file begins with a “DataSource” element. The “DataSource” identifies where the data was produced such as a particular web shopping cart. The

“DataSource” name should remain the same for in each import from same source. The “DataSource” is used by VinNOW to create an internal cross-reference table which matches external order and customer keys with the corresponding VinNOW order numbers and customer IDs.

<ImportID>

Every valid XML import contains an “ImportID” element. This is a unique ID for a particular file of import data. The <ImportID> element value should be different for each XML import file.

<Version>

This element is required. The current value is “1.0”.

- **Order Records**

Each Order record contained in the file is used to create a VinNOW a new order. (Note: It is not possible to update an existing VinNOW order with the XML import function.) The data in each order record contains the following:

- < ExternalOrderKey>
- < ExternalCustomerKey>
- < CustomerDetails> < CreditCardDetail>
- < OrderInfo>

- **Customer Records**

Customer records contained in the file are used to either add or update VinNOW customer records. (Note: If a customer record is included in an order record in the file, it is not necessary to also include a separate customer record in the file.)

Each customer record contains the following:

- < ExternalCustomerKey >
- < CustomerDetails >
- < CreditCardDetail >

Order Record Specifications

The XML order record contains placeholders for four separate addresses as follows:

Customer Details node:

- 1) Customer Contact - corresponds to the VinNOW Primary Info tab
- 2) Ship To - corresponds to the VinNOW Shipping Info tab
- 3) Bill To - corresponds to the VinNOW Billing Info tab

Customer Order node:

- 4) Order Ship To

When VinNOW updates an existing customer record, if any one, or all three of the addresses in the Customer Details node are not present the corresponding portion of the customer’s record will not be updated.

When the VinNOW customer record does not exist, the following update hierarchy is used when one or more of the addresses are not present:

- A. If the Customer Contact address is missing then the Bill To address is used as the Customer Contact address,
- B. If the Bill To address is missing then the Ship To address is used as the Customer Contact address.
- C. If the Ship To address is missing the Customer Contact address is used as the Ship To address.
- D. If the Bill To address is missing then the Contact Info is used as the Bill To address.
- E. When the VinNOW customer record does not exist, and the Customer Details node is not present, the Order Ship To address is used for all four addresses when creating the VinNOW customer record.
- F. If the Order Ship To address is not present, then the customer's Ship To address is used for the Order's Ship To address.

Order Record XML Layout

```
<OrderRecord>
  <ExternalOrderKey>string</ExternalOrderKey>
  <ExternalCustomerKey>string</ExternalCustomerKey>
  <CustomerDetails>
    [CustomerDetails] -(See Customer Details XML Below)
  </CustomerDetails>

  <OrderShipToAddress>
    <Address>
      [Adresss Elements] (See Address XML Below)
    </Address>
    <DOB>date</DOB>
  </OrderShipToAddress>

  <CreditCardDetail>
    <CardNumber>string</CardNumber>
    <CardLast4>string</CardLast4>
    <CardExpiration>MMYY</CardExpiration>
    <CardMember>string</CardMember>
  </CreditCardDetail>

  <OrderInfo>
    <OrderDate>date</OrderDate>
    <OrderTotalAmount>currencyvalue</OrderTotalAmount>
    <TotalTax>currencyvalue</TotalTax>
    <Shipper>string</Shipper>
    <ShipAmount>currencyvalue</ShipAmount>
    <RequestShipDate>date</RequestShipDate>
```

```

<SpecialHandlingNote>string</SpecialHandlingNote>
<PaymentAmount>currencyvalue</PaymentAmount>
    <PaymentType>Null or VISA or MC or AMEX or DISC or OTHER
</PaymentType>
<PaymentAuthorizationNumber>string or Null
</PaymentAuthorizationNumber>
<ComplianceStatus>True or False or Null</ComplianceStatus>
<GiftMessage>string</GiftMessage>

<OrderNotes>string</OrderNotes>
<OrderNoteAlert>True or False</OrderNoteAlert>

<OrderDetail_Items>
    <Detail_Item>
        <ProductID>string</ProductID>
        <Description>string</Description>
        <Unit>string</Unit>
        <Quantity>double</Quantity>
        <ExtendedPrice>double</ExtendedPrice>
    </Detail_Item>
</OrderDetail_Items>
</OrderInfo>
</OrderRecord>

```

Customer Details XML

```

<CustomerDetails>
    <CustomerContact>
        <FirstName>string</FirstName>
        <LastName>string</LastName>
        <Address>
            [Address Elements] (See Address XML Below)
        </Address>
        <DOB>date</DOB>
    </CustomerContact>
    <ShipTo>
        <Address>
            [Address Elements] (See Address XML Below)
        </Address>
        <AddressType>Residence or Business</AddressType>
        <DOB>date</DOB>
    </ShipTo>
    <BillTo>
        <Address>
            [Address Elements] (See Address XML Below)
        </Address>
        <DOB>date</DOB>
    </BillTo>
    <WineClubMemberships>
        <WineClubProductID>string</WineClubProductID>
    </WineClubMemberships>
</CustomerDetails>

```

Address XML

```

<Address>
  <RecipientName>string</RecipientName>
  <Company>string</Company>
  <Address1>string</Address1>
  <Address2>string</Address2>
  <Address3>string</Address3>
  <City>string</City>
  <State>string</State>
  <Zip>string</Zip>
  <Country>string</Country>
  <Phone>string</Phone>
  <Fax>string</Fax>
  <Email>string</Email>
  <AddressType>Residence or Business</AddressType>
</Address>

```

Customer Record Specification

Customer records can be included to add or update VinNOW customer records without an order attached. The XML nodes in the customer records are the same format as the similar nodes in the XML order records.

Customer Record XML Layout

```

<CustomerRecord>
  <ExternalCustomerKey>string</ExternalCustomerKey>
  <CustomerDetails>
    [CustomerDetails] -(See Customer Details XML Above)
  </CustomerDetails>
  <CreditCardDetail>
    <CardNumber>string</CardNumber>
    <CardLast4>string</CardLast4>
    <CardExpiration>MMYY</CardExpiration>
    <CardMember>string</CardMember>
  </CreditCardDetail>
  <CustomerNote>
    <NoteText> string</NoteText>
    <NoteType>string</NoteType>
    <AlertNote> True or False</AlertNote>
  </CustomerNote>
</CustomerRecord>

```

Data Elements - Identification

Element	Description	Len	Format
<DataSource>	Name ID of the external source of the data. (Must not contain any spaces or special characters)	50	*string
<ImportID>	Unique ID for the import file. (Must not contain any spaces or special characters)	50	*string
<Version>	Must contain the value "1.0"		*string

Data Elements - Order/Customer

Element	Description	Len	Format
<ExternalOrderKey>	Unique key assigned by the external DataSource to each order record	50	*string
<ExternalCustomerKey>	Unique key assigned by the external DataSource to each customer record	50	*string

Data Elements - Order/Customer

<CustomerDetails>			
<CustomerContact>			
<FirstName>		35	*string
<LastName>		35	*string
<Address>	(See elements below)		
<DOB>>	Date-of-Birth (Optional – but required for some states.)	10	mm/dd/yyyy
<ShipTo>			
<Address>	(See elements below)		
<DOB>	Date-of-Birth (Optional – but required for some states.)	10	mm/dd/yyyy
<BillTo>			
<Address>	(See elements below)		
<DOB>	Date-of-Birth (Optional – but required for some states.)	10	mm/dd/yyyy
<WineClubMemberships>			
<WineClubProductID>	VinNOW Wineclub Product ID	20	string
<Address>			
<RecipientName>		50	*string
<Company>		35	string
<Address1>		35	*string
<Address2>		35	string
<Address3>		35	string
<City>		35	*string
<State>	ISO State abbreviation	2	*string
<Zip>		10	*string
<Country>	ISO Country code	2	string
<Phone>		30	string
<Fax>		30	string
<Email>		50	string
<AddressType>	Business or Residence		string

Element	Description	Len	Format
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<CreditCardDetail>			
<CardNumber>	Contains a valid credit card token for the VinNOW merchant's credit card processor. (e.g. TSYS)	50	string
<CardLast4>	Last 4 digits of the credit card number	4	string
<CardExpiration>		4	mmyy
<CardMember>	This optional element contains the credit card member name	50	string

<OrderShipToAddress>

<Address>	(See elements above)		
<AddressType>	Business or Residence		string
<DOB>	Date-of-Birth (Optional – but required for some states.)	10	mm/dd/yyyy
<OrderInfo>			
<OrderDate>			*date
<OrderTotalAmount>			*double
<TotalTax>			*double
<Shipper>	UPS Ground, FEDX, etc.		string
<RequestShipDate>			date
<SpecialHandlingNot..>	This printed on the Invoice and on the Shipment Packing Slip	255	string
<PaymentAmount>			*double
<PaymentType>	VISA, MC, AMEX, DISC, or OTHER		string
<PaymentAuthorizat..>	Authorization code from PPI		string
<ComplianceStatus>	True, False, or 'Null' Null is compliance has not been checked		string
<GiftMessage>	Is printed on the packing slip	255	string
<OrderNotes>	Internal order notes. Displayed, but not printed.	~	string
<OrderNoteAlert>	'True' or 'False' Pop-up a window displaying the note text when viewing the order in VinNOW. If tag is not present, it is treated as if set to 'True'.		boolean string

<Detail_Item>	Repeats for each line item		
<ProductID>	Must be a valid VinNOW product ID.	20	*string
<Description>	Product Description	50	string

VinNOW XML Data Import Specification

<Unit>	For Wine products in VinNOW this is 'Bottle', 'Case', 'Pallet'. For Non-Wine the unit is 'Each'.	15	string
<Quantity>			*double
<ExtendedPrice>			*double

Note: VinNOW will validate the order details included to make sure that the order total amount is equal to the sum of the detail items extended price amounts plus the shipping plus tax. The detailed item extend price amounts must include any discount amount given. The product IDs for the detail items on the order must valid product ID codes in VinNOW. Order imported which do not mean these criteria will be rejected.