CBA-CT-SALC: Sales Channel

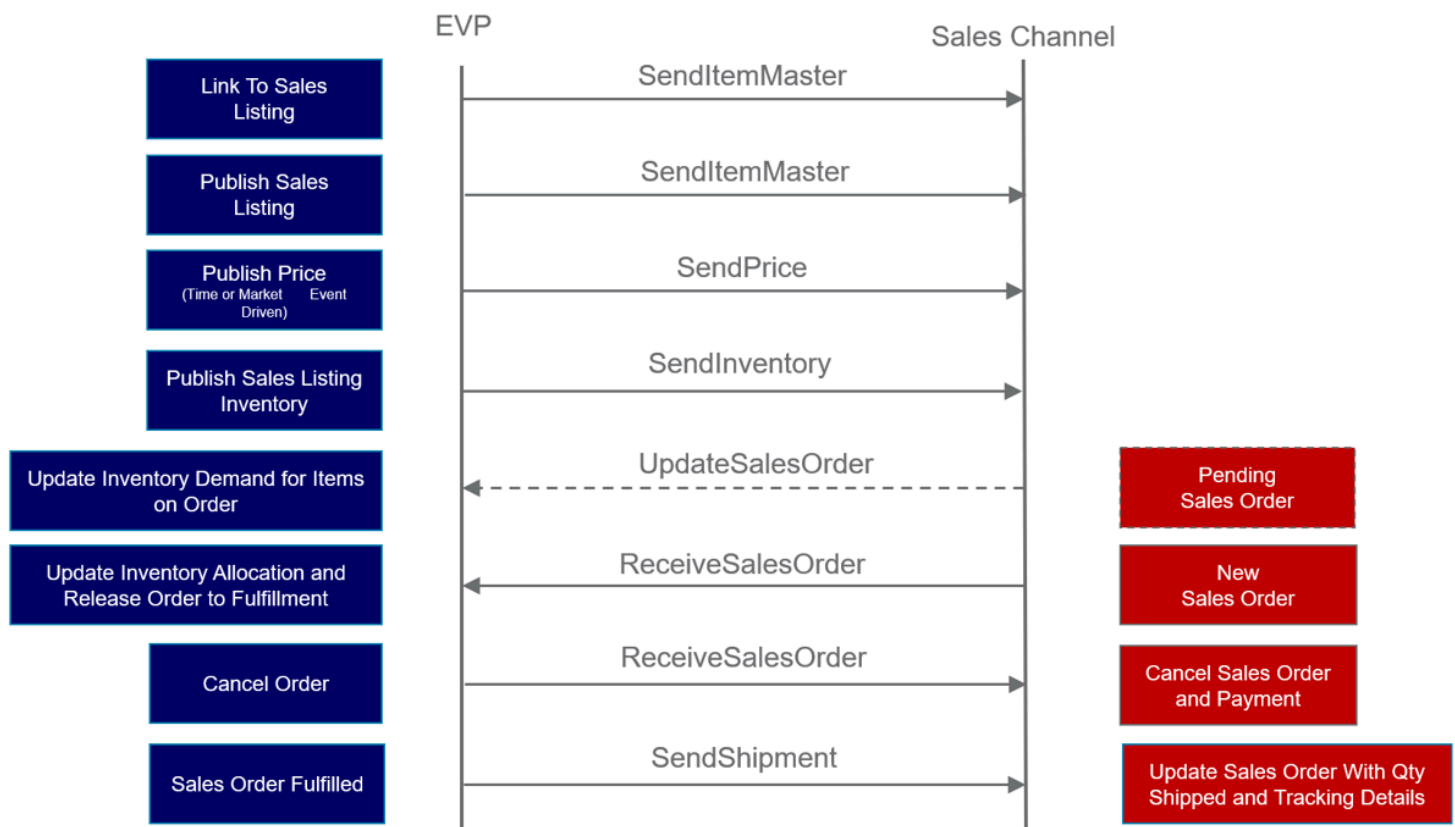| Etail Vantage Platform	Channel Based Architecture (CBA)	Sales Channel (CBA-CT-SALC)

The Sales Channel process model supports publishing or linking to a sales channel listing and publishing inventory and price based on the current available inventory, location, and estimated shipping cost. Once an order is placed, it must be fulfilled at the best cost based on the service level associated with the sales order.

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There are two core types of sales channels that EVP supports:

- **Third-party sellers** support integration with external sales channels such as marketplaces, websites, POS, etc., where an independent seller of branded or non-branded products is needed. This process model supports the following touchpoints:
- **First-party sellers** are used to support integration with external sales channels where a brand or distributor is a supplier of the marketplace owner. This is very similar to a Retail Vendor Compliance process that requires the support of UCC128 labels and store-level Purchase Order routing to the associated Distribution Center for flow through to the store based on ASN.

Sales Channel Process Capability Models

Level 1	Level 2	Level 3	Level 3+
Base Capabilities include: • Link to sales listing on sales channel • Inventory publishing • Price publishing (Optional) • Order download • Shipment upload	Base Capabilities include: • Level 1 • Price publishing • Listing publishing - Base items, Kits, and Assemblies	Base Capabilities include: • Level 2 • Advanced Listing creation, i.e., Variant publishing • Sales Order Termination download • Shipment Details Download • Cancelation Upload	Base Capabilities include: • Level 3 • Specialized capabilities include Auto-matching to catalog, sales channel fulfillment processes, etc. • Meta-field publishing • Shipment template publishing • Advanced pricing capabilities

Sales Channel Integration Models

Flat File Driven Sales Channel Processors

- Evp.Server.Sales.Custom.FlatFile.FulfillmentExport
- Evp.Server.Sales.Custom.FlatFile.OrderLoader

EDI Driven Sales Channel Processors

Touchpoint Summary	

The standard EDI Configuration capabilities are used to support integration with a Sales Channel such as an EDI-driven marketplace (Overstock/Wayfair) or a Retailer website where you are either doing drop ship or vendor replenishment:
 	
- Outbound
  - EDI 810 – Shipment Invoice
  - EDI 824 – Application Advice (Sales Order Acceptance)
  - EDI 832 – Price/Sales Catalog
  - EDI 846 – Inventory Advice
  - EBI 855 – PO Acknowledgement
  - EDI 856 – Shipment Confirmation
  - EDI 865 – Purchase Order Change Acknowledgement
  - EDI 870 – Order Status Report
  - EDI 997 – Functional Acknowledgement
	- Inbound
	  - EDI 812 – Credit / Debit Adjustment
	  - EDI 816 – Organizational Relationship - Store to DC cross-reference
	  - EDI 820 – Payment Order Remittance Advice
	  - EDI 850 – Purchase Order (Single Destination or Multiple Stores)
	    - Based on the PO type, this will be converted into a Single Drop Ship/Vendor Replenishment Sales Order or multiple store-level sales orders associated with one or more DC-level outbound shipments
	  - EDI 860 – Purchase Order Change Request
	  - EDI 864 – Text Message
	  - EDI 997 – Functional Acknowledgement
	
	These transactions can also integrate with CommerceHub, True Commerce, or SPS Commerce.

Sample EDI-Based Sales Channels	
- Amazon Direct Fulfillment (DSV) - Amazon Vendor Central - Amazon Canada - Costco - Best Buy DSV - JoAnn DSV - Michaels DSV	- Office Depot DSV - Overstock/Bed Bath & Beyond - QVC DSV - Sam's Club DSV - Target DSV - Walgreens - Zoro
Sample Inbound EDI Document Parsing Mapping	**Sample Outbound EDI Document Generation Mapping**

Left Panel

Channel: DSV Sam's Club (ACC360)

Test Output | Test Parse

Merchant Qualifier/ID
12 | 8009298277

Supplier Qualifier/ID
08 | 925485USSM

Format Options

Terminator	~	Delimiter	*
Comp Separator	>	TX Number	770
Break Lines	☐		

Transaction Type

Type ▲	Ack	Enabled
E810	☐	☑
E812	☐	☐
E816	☑	☑
E820	☐	☐
E824	☑	☑
E832	☐	☐
E846	☐	☑
E850	☑	☑
E855	☑	☑
E856	☑	☐
E860	☐	☐
E864	☑	☑
E940	☐	☐
E943	☐	☐
E944	☐	☐
E945	☐	☐
E947	☐	☐
E997	☐	☑

Transactions

File Name Template

Transaction Config | Custom Processors

```xml
<Edi>
  <Parse Id="BEG">
    <Property Number="3" Name="PONumber" />
    <Property Number="5" Name="PODate" ValueType="DateTime" />
    <Segment Id="REF" Elements="2" QualifyNumber="1" QualifyValue="CO">
      <Property Number="2" Name="ChannelOrderNumber" />
      <Property Number="2" Name="OptionCO" />
    </Segment>
    <Segment Id="REF" Elements="2" QualifyNumber="1" QualifyValue="D8">
      <Property Number="2" Name="OptionDEPT" />
    </Segment>
    <Segment Id="REF" Elements="2" QualifyNumber="1" QualifyValue="MR">
      <Property Number="2" Name="OptionORDERTYPE" />
    </Segment>
    <Segment Id="REF" Elements="2" QualifyNumber="1" QualifyValue="KK">
      <Property Number="2" Name="OptionDELIVERYREF" />
    </Segment>
    <Segment Id="REF" Elements="2" QualifyNumber="1" QualifyValue="IA">
      <Property Number="2" Name="OptionVENDORNUMBER" />
    </Segment>
    <Segment Id="REF" Elements="2" QualifyNumber="1" QualifyValue="4U">
      <Property Number="2" Name="OptionSAMSBRAND" />
    </Segment>
    <Segment Id="REF" Elements="2" QualifyNumber="1" QualifyValue="EVI">
      <Property Number="2" Name="OptionEVI" />
    </Segment>
    <Segment Id="REF" Elements="2" QualifyNumber="1" QualifyValue="AN">
      <Property Number="2" Name="OptionOMSPO" />
    </Segment>
    <Segment Id="FOB" Elements="3">
      <Property Number="1" Name="OptionFOBTYPE" />
    </Segment>
```

Right Panel

Channel: DSV Sam's Club (ACC360)

Test Output | Test Parse

Merchant Qualifier/ID
12 | 8009298277

Supplier Qualifier/ID
08 | 925485USSM

Format Options

Terminator	~	Delimiter	*
Comp Separator	>	TX Number	770
Break Lines	☐		

Transaction Type

Type ▲	Ack	Enabled
E810	☐	☑
E812	☐	☐
E816	☑	☑
E820	☐	☐
E824	☑	☑
E832	☐	☐
E846	☐	☑
E850	☑	☑
E855	☑	☑
E856	☑	☐
E860	☐	☐
E864	☑	☑
E940	☐	☐
E943	☐	☐
E944	☐	☐
E945	☐	☐
E947	☐	☐
E997	☐	☑

Transactions

File Name Template | 810IN_537816_{1:0000000}.edi

Transaction Config | Custom Processors

```xml
<Edi>
  <Format>
    <Segment Id="BIG" Elements="4">
      <Property Number="1" Name="How" Format="yyyyMMdd" />
      <Property Number="2" Name="InvoiceNumber" MaxLength="30" />
      <Property Number="3" Name="OrderDate" Format="yyyyMMdd" />
      <Property Number="4" Name="PONumber" />
    </Segment>
    <Segment Id="REF" Elements="2">
      <Property Number="1" Value="DP" />
      <Property Number="2" Name="OptionDEPT" />
    </Segment>
    <Segment Id="REF" Elements="2">
      <Property Number="1" Value="IA" />
      <Property Number="2" Name="OptionVENDORNUMBER" />
    </Segment>
    <Segment Id="REF" Elements="2">
      <Property Number="1" Value="MR" />
      <Property Number="2" Name="OptionORDERTYPE" />
    </Segment>
    <Segment Id="N1" Elements="2">
      <Property Number="1" Value="SU" />
      <Property Number="2" Name="OptionSU" />
    </Segment>
    <Segment Id="N1" Elements="4">
      <Property Number="1" Value="ST" />
      <Property Number="2" Name="ShipToName" />
      <Property Number="3" Value="UL" />
      <Property Number="4" Name="OptionUL" />
    </Segment>
    <Segment Id="N3" Elements="1">
      <Property Name="ShipToAddress1" Number="1" />
      <Property Name="ShipToAddress2" Number="2" />
    </Segment>
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Left EDI Data

ISA*00* *00* *08*925485USSM

*12*8009298277

*230909*1402*:*00501*850100119*0*P*>~

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ST*850*100123~

BEG*00*SA*4080449262**20230909~

CUR*BY*USD~

REF*DP*00064~

REF*MR*0020~

REF*KK*Home Delivery~

REF*IA*084838640~

REF*4U*SAMSCOM~

REF*EVI*ONLINE~

REF*CO*10098653110-001~

REF*AN*189887745001~

FOB*CC*OR2~

ITD*05*15*30~

DTM*001*20231208~

DTM*830*20230913~

DTM*002*20230919~

DTM*004*20230909~

TD5*LE*ENG~

N9*ZZ*US~

N1*BT*MI*0011204833511~

N3*8796 SW 91 ST*UNIT A~

Right EDI Data

ISA*00* *00* *12*8009298277

*08*925485US*00*

*230913*0749*^*00501*0000007010*P*>~

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ST*810*000000701~

BIG*20230913*IN2309000016*20230911*7830458089~

REF*DP*00064~

REF*IA*084838640~

REF*MR*0020~

N1*SU*ACCELERATE360 LLC~

N1*ST*JESSICA ROYBAL*UL*0605388007940~

N3*45313 W Portabello Rd~

N4*Maricopa*AZ*85139-1750*US~

ITD*05*15*****30~

FOB*CC~

IT1*11*EA*28.50*IN*980380013*UP*850005424185~

PID*F*Vitaminenergy Mood P~

TDS*2850~

CAD*T*FDEG*CN*500070893812~

ISS*1*EA~

CTT*1~

SE*18*000000701~

GE*1*7010~

IEA*1*000000701~

N3*OCALA~

N4*OCALA*FL*34481*US~

PER*OC*KIM M SAWMILLER*HP*(260)348-3643*EM*csaw9999@gmail.com~

N1*ST*KIM SAWMILLER~

N3*8796 SW 91ST ST UNIT A~

N4*OCALA*FL*34481*US~

PER*RE*KIM SAWMILLER*HP*2603483641~

N1*BY*SAMS CLUB 4727*UL*0605388007940~

N3*2101 SE SIMPLE SAVINGS DR~

N4*BENTONVILLE*AR*72712-4304*US~

N1*SU*ACCELERATE360 LLC~

PO1*0011*EA*28.5*LE*IN*980380013*UP*810050902458~

PID*F*VITAMINENERGY MOOD~

TD5*B*ZZ*FEDERAL EXPRESS*SG~

AMT*1*34.88~

CTT*1~

AMT*GV*28.5~

SE*39*100123~

GE*18*50100119~

IEA*1*850100119~

API Driven Sales Channel Processors

- Evp.Server.3dCart
- Evp.Server.Abe
- Evp.Server.Albertsons
- Evp.Server.Amazon
- Evp.Server.BigCommerce
- Evp.Server.CommerceV3
- Evp.Server.eBay
- Evp.Server.Google
- Evp.Server.Magento
- Evp.Server.Magento2
- Evp.Server.NewEgg

- Evp.Server.NopCommerce
- Evp.Server.SearchFit
- Evp.Server.Shopify
- Evp.Server.Volusion
- Evp.Server.Walmart
- Evp.Server.WalmartCA
- Evp.Server.WalmartDSV
- Evp.Server.WooCommerce