

RETAIL EXPRESS

WEB STORE API

TECHNICAL MANUAL
VERSION 2.0

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The Retail Express Web Store API is a web service that allows e-commerce web sites to communicate with Retail Express point of sale and stock control software.

This enables the synchronisation of products, pricing, orders, customers and other business specific information to help reduce the amount of administration required to maintain an online e-commerce web site.

The Web Store API accepts and returns XML and is platform/ language independent so you can program your integration in your choice of programming language that supports consuming a web service.

If you are not familiar with how to consume a web service, please be advised we do not offer technical support for 'how to' questions regarding this API product.

The Web Store API has been designed around the premise that the e-commerce web site will pull down all the information needed from Retail Express in order to have a copy of all relevant data in its own database.

This structure allows the e-commerce site to function within itself until such point as information needs to be passed back into Retail Express and updated within the e-commerce site.

The Web Store API was modelled off an integration plug-in developed for Magento and as such contains the necessary methods and properties for a successful integration. Any data not managed by an included method detailed in this document must be managed outside of Retail Express and in your own e-commerce web site.

Future Upgrades to this service

Please be advised that Retail Express reserves the right to modify, change and upgrade the functionality of the underlying Web Services at any time in the future. This may include changing the various technical Functions and Methods and other technical aspects of the API. As and when this occurs, it may create some disruption to any services that you may have developed that utilise these web services. Retail Express is not responsible for any such disruption to your services as a result of future modifications we may make to the Web Service. You will be responsible for making any required technical changes in your services as a result of our changes to the Web Services.

RECOMMENDED USAGE SCENARIOS

Please refer to the below chart that contains each of the methods available in the Retail Express Web Store API and how they are intended to be used.

For the sake of brevity, REX represents Retail Express Web Store API and WEB represents your e-commerce site.

Scenario	Methods	Direction	Description
Nightly synchronisation of product details and all products updated since last synchronisation	<ol style="list-style-type: none"> 1. PRODUCTSGETBULKDETAILS 2. WEBORDERGETBULKFULFILMENT 3. CUSTOMERBULKDETAILS 	REX → WEB (Overwrites data in WEB. REX has authority)	Updates all changed data since last synchronisation. The order of the calls is important to ensure no orphaning of records. All bulk methods return a ZIP archive to reduce the amount of bandwidth used.
Regular Stock/ Pricing sync	<ol style="list-style-type: none"> 1. PRODUCTGETDETAILSSTOCKPRICING 	REX → WEB	Updates current product id stock level and pricing. Can also accept PriceGroupID (stored on customer level) to return customer specific pricing for a product.
Create an order	<ol style="list-style-type: none"> 1. CUSTOMERGETDETAILS (if existing) 2. GETVOUCHERBALANCE 3. ORDERCREATE 	<ol style="list-style-type: none"> 1. REX → WEB 2. REX → WEB 3. WEB → REX 4. REX → WEB 	<ol style="list-style-type: none"> 1. Check the current users details and have them confirm 2. If payment via voucher then check available balance by voucher code 3. Send the order to REX 4. REX returns updated stock levels and newly created customer id if applicable
Add a payment to an order	<ol style="list-style-type: none"> 1. ORDERADDPAYMENT 	<ol style="list-style-type: none"> 1. WEB → REX 	Send payment method id, payment amount and order id to add a payment to the order. Ensure you are not over-paying the order. Under payment will create an 'Awaiting Payment' / layby sale. Exact payment will create a 'Processed' sale. Overpayment will cause confusion for the retailer.
Cancel an order due to failed payment or order cancellation	<ol style="list-style-type: none"> 1. ORDERCANCEL 	<ol style="list-style-type: none"> 1. WEB → REX 	Send the order id to cancel that specific order. Any payments credited to the sale will remain. If you wish to back out these payments, use the ORDERADDPAYMENT and apply a negative payment to counter-act these payments.
Update online records for back-orders or partially fulfilled orders	<ol style="list-style-type: none"> 1. WEBORDERGETBULKFULFILMENT 	<ol style="list-style-type: none"> 1. REX → WEB 	Send the order id to retrieve the current dispatch status of each of the items on the order.
Customer places order with multiple delivery addresses	<ol style="list-style-type: none"> 1. INSERTUPDATECUSTOMERORDER 2. INSERTUPDATECUSTOMERORDER (x #) 	<ol style="list-style-type: none"> 1. WEB → REX 2. WEB → REX 	Retail Express requires 1 delivery address per order. If you need to handle more than this then you need to split the order into the number of delivery addresses you require. If the customer is new, so that the customer is not created multiple times, use the returned account number for the customer in the subsequent calls to prevent duplicates . Ensure all payments are divided up appropriate to each order.
Customer edits details online	<ol style="list-style-type: none"> 1. CUSTOMERGETDETAIL 2. CUSTOMERCREATEUPDATE 	<ol style="list-style-type: none"> 1. REX → WEB 2. WEB → REX 	Lookup the latest details from REX and update WEB before displaying. After display, submit details back to REX.
Customer queries order history	<ol style="list-style-type: none"> 2. ORDERSGETHISTORY 'web' 3. ORDERESGETHISTORY 'instore' 	<ol style="list-style-type: none"> 1. REX → WEB 2. REX → WEB 	Update WEB with current information before display of orders created in WEB and REX. This allows for a consolidated order history separated by order origin.
Register for a newsletter	<ol style="list-style-type: none"> 1. CUSTOMERCREATEUPDATE 	<ol style="list-style-type: none"> 1. WEB → REX 	If a new customer, then supply min required fields.

To use this service a SOAP header containing a GUID and a username and password of a Retail Express administrator user must be supplied with every web request.

EXAMPLE REQUEST WITH HEADERS:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ret="http://retailexpress.com.au/">
  <soapenv:Header>
    <ret:ClientHeader>
      <ret:ClientID>D19B1111-C11C-4A92-111F-11EEF11F111A</ret:ClientID>
      <ret:UserName>usr</ret:UserName>
      <ret:Password>password</ret:Password>
    </ret:ClientHeader>
  </soapenv:Header>
  <soapenv:Body>
    <ret:CustomerGetBulkDetails>
      <ret:LastUpdated>2011-06-25T12:00:00.000Z</ret:LastUpdated>
    </ret:CustomerGetBulkDetails>
  </soapenv:Body>
```


THROTTLING

Additionally all bulk methods have a time restriction stopping a client calling the service more than once every 60 minutes.

If a bulk method is called within 60 minutes the client will receive an “Unauthorised” response similar to below:

EXAMPLE THROTTLED RESPONSE

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <soap:Fault>
      <faultcode>soap:Client</faultcode>
      <faultstring>System.Web.Services.Protocols.SoapException: Unauthorised - Method
CustomerGetBulkDetails requires large server resources and can only be called every 60 minutes</faultstring>
      <detail>
        <ExceptionMessage>Unauthorised - Method CustomerGetBulkDetails requires large server
resources and can only be called every 60 minutes</ExceptionMessage>
      </detail>
    </soap:Fault>
  </soap:Body>
</soap:Envelope>
```

ENABLING THE WEB SERVICE

For you to be able to connect to your Retail Express instance, you must have a valid and active Web Service License with Retail Express. If you have not previously advised Retail Express that you intend to use the Web Service Interface even though you have purchased it, please contact Retail Express to have it enabled before proceeding with any live data tests.

CONFIGURING RETAIL EXPRESS TO SHARE PRODUCTS

Retail Express needs to be configured to share products and information with the web service in the following ways:

1. You must have at least 1 Channel
2. You must have at least 1 Source Group
3. You must have at least 1 Outlet in that Source Group (and 1 must be set to default)
4. You must have at least 1 Product associated with that Source Group
5. Your product must have "Export to Web Service" enabled

If you do not have all 5 of the above completed, you will not receive any Products in the bulk product synchronisation routines.

WATCHING THE HELP RESOURCE VIDEOS

Please ensure you have watched each of the below videos before beginning your integration. If you have not watched each of these videos and understand their contents the data in Retail Express, such as your product information, will not be set up correctly and will not synchronise.

- [Magento Overview \(general\)](#)
- [Sales Channels](#)
- [Source Groups](#)

SENDING DATA

Please be advised that there is a specific requirement for some data types. This can often be the cause as to why SOAP calls fail.

Name	Description
DateTime	SOAP formatted date time has a very strict format: yyyy-mm-ddThh:mm:ssZ. Note the T and the Z have to be included and the hh is 24 hour format. Eg: 2011-02-25T14:32:00Z

RECEIVING DATA (GZIP)

This is the most common reason why your SOAP Parser may not be responding

Some bulk requests will return a GZIP binary response containing the XML response. You will need to decompress the response before trying to parse the XML. Each request is documented as to whether it returns a GZIP response or not.

If you are getting invalid data type errors, please ensure you are first decompressing the response before trying to parse the XML.

SOAPUI

SoapUI is an excellent tool for sending and receiving XML to and from a Web Service Interface. However, it requires that you send any inner XML payloads such as the ORDERXML node for ORDERCREATEBYCHANNEL wrapped inside a CDATA clause as they are technically Strings not true XML.

CORRECT

```
<OrderCreate>
  <OrderXML>
    <![CDATA[
      <Orders>
        <Order>
          ...Order Detail XML...
        </Order>
      </Orders>
    ]]>
  </OrderXML>
</OrderCreate>
```

TEST ENVIRONMENT

You can connect Retail Express Demo system using the following credentials. You are encouraged to configure your application using these credentials whilst in the development and testing phase.

Client ID:

9bf6dd42-35b9-46dd-948a-1c3c91906caa

URL:

<http://v2wsisandbox.retailexpress.com.au/dotnet/admin/webservices/v2/webstore/service.asmx?wsdl>

User:

wsi

Password:

wsipass

LIVE ENVIRONMENT

Please request the below from Retail Express support:

1. Your unique client code (GUID)
2. Your unique URL of the web service

OUTLETSGETBYCHANNEL

OVERVIEW

Returns XML format data on demand containing a complete list of address details for outlets configured at the Source Groups associated to the Sales Channel you are requesting. This method is typically called by your e-commerce web store nightly and on-demand from Administration interface.

Calls to this method are limited to once every 60 minutes due to server processing and bandwidth performance considerations however given the availability of other methods to return stock and pricing on demand, we recommend that this method is **called only nightly** to reduce possible performance impacts on the in-store retailer's experience with the Retail Express POS system.

PARAMETERS

Name	Type	Description
ChannelId	Integer	The ID corresponding to the Sales Channel you are connecting to

RETURN VALUE

Name	Type	Description
OutletId	Integer	Retail Express outlet identifier
OutletName	String	Internal name of the outlet within Retail Express
CompanyName	String	Company name (if different to main company, this is optional) NEW
CompanyRegistrationNumber	String	Registration number such as 11 321 123 654 (ABN) NEW
CompanyRegistrationNumberLabel	String	Registration number label such as "ABN" NEW
Phone	String	Phone number NEW
Fax	String	Fax number NEW
Email	String	Customer service email address NEW
Address1	String	Address line 1
Address2	String	Address line 2
Address3	String	Address line 3
Suburb	String	Suburb
State	String	State
Country	String	Country
PostCode	String	Postal Code/ ZIP Code

SAMPLE REQUEST (REMEMBER TO ADD HEADERS)

```
<OutletsGetByChannel>
  <ChannelId>1</ret:ChannelId>
</OutletsGetByChannel>
```

SAMPLE RESPONSE

```
<Response>
<Outlets>
  <Outlet>
    <OutletId>2</OutletId>
    <OutletName>Brisbane</OutletName>
    <CompanyName>My Co</CompanyName>
    <CompanyRegistrationNumber>11 321 123 654</CompanyRegistrationNumber>
    <CompanyRegistrationNumberLabel>ABN</CompanyRegistrationNumberLabel>
    <Phone>07 3136 1111</Phone>
    <Fax>07 3136 2222</Fax>
    <Email>brisbanestore@mydomain.com</Email>
    <Address1>Level 1</Address1>
    <Address2>Suite 168</Address2>
    <Address3>192 Ann Street</Address3>
    <Suburb>Brisbane</Suburb>
    <State>QLD</State>
    <Postcode>4000</Postcode>
    <Country>Australia</Country>
  </Outlet>
</Outlets>
</Response>
```

OVERVIEW

Returns XML format data on demand containing a complete list of address details for outlets configured at the Source Groups associated to the Sales Channel you are requesting. This method is typically called by your e-commerce web store nightly and on-demand from Administration interface.

Calls to this method are limited to once every 60 minutes due to server processing and bandwidth performance considerations however given the availability of other methods to return stock and pricing on demand, we recommend that this method is **called only nightly** to reduce possible performance impacts on the in-store retailer's experience with the Retail Express POS system.

PARAMETERS

Name	Type	Description
ChannelId	Integer	The ID corresponding to the Sales Channel you are connecting to
WebOrdersOnly	Bit	Whether to return only orders that were created via the web service or all orders both created by the web service and in store through the POS
CustomerId	Integer	If specified, it will only return the order history for that specific customer

RETURN VALUE

ORDERS XML LIST:

Name	Type	Description
OrderId	String	Retail Express Order identifier
DateCreated	Date	Date of transaction
OrderTotal	Decimal	Total sales value of the order
FreightTotal	Decimal	Total including tax of freight to apply in local outlet currency
OrderStatus	String	Current status of the order (Processed/ Awaiting Payment)
OutletName	String	Name of outlet order is allocated to
PublicComments	String	Public comments
PrivateComments	String	Private comments
CustomerId	Integer	Customer account number in Retail Express
BillName	String	Billing name
BillAddress	String	Billing address line 1
BillAddress2	String	Billing address line 1
BillCompany	String	Billing company
BillMobile	String	Billing mobile phone contact
BillPhone	String	Billing landline phone contact
BillPostCode	String	Billing postal code/ zip code
BillState	String	Billing state
BillSuburb	String	Billing suburb
BillCountry	String	Billing country
BillEmail	String	Billing email
DelName	String	Delivery name
DelAddress	String	Delivery address line 1
DelAddress2	String	Delivery address line 2
DelCompany	String	Delivery company
DelMobile	String	Delivery mobile phone contact
DelPhone	String	Delivery landline phone contact
DelPostCode	String	Delivery postal code/ zip code
DelSuburb	String	Delivery suburb
DelState	String	Delivery State
DelCountry	String	Delivery country
CustomerPONumber	String	Customer purchase order number (if applicable). This is stored against the order not the customer.
CustomReference	String	Custom reference field for retailer to use as they please. This is stored against the customer not the order.
LastUpdated	Datetime	Most recent update date- to match with your e-commerce web store last synchronisation
ChannelId	Integer	The sales channel this sale was created on

EXAMPLE REQUEST (REMEMBER TO ADD HEADERS)

```
<OrdersGetHistoryByChannel>  
  <CustomerId>30000</CustomerId>  
  <WebOrdersOnly>1</WebOrdersOnly>  
  <ChannelId>1</ChannelId>  
</OrdersGetHistoryByChannel>
```

EXAMPLE RESPONSE

The results will depend largely on the data you have. Each order found will have an <Order> node inside the parent <Orders> node.

OVERVIEW

Returns GZIP containing XML format data on demand containing complete list of products including pricing and stock levels. Typically called by your e-commerce web store nightly and on-demand from Administration interface.

Calls to this method are limited to once every 60 minutes due to server processing and bandwidth performance considerations however given the availability of other methods to return stock and pricing on demand, we recommend that this method is **called only nightly** to reduce possible performance impacts on the in-store retailer's experience with the Retail Express POS system.

PARAMETERS

Name	Type	Description
LastUpdated	DateTime	Most recent update date- to match with your e-commerce web store last synchronisation
ChannelId	Integer	The ID corresponding to the Sales Channel you are connecting to

RETURN VALUE

SIZES XML LIST:

Name	Type	Description
SizeId	Integer	Retail Express size identifier
SizeName	String	Name of the size (displayed to end user)
ListOrder	Integer	Order in which to display sizes (ascending)

COLOURS XML LIST:

Name	Type	Description
ColourId	Integer	Retail Express colour identifier
ColourName	String	Name of the colour (displayed to end user)

SEASONS XML LIST:

Name	Type	Description
SeasonId	Integer	Retail Express season identifier
SeasonName	String	Name of the size (displayed to end user)

PRODUCT TYPE XML LIST:

Name	Type	Description
ProductTypeId	Integer	Retail Express product type identifier
ProductTypeName	String	Name of the product type (displayed to end user)

BRANDS XML LIST:

Name	Type	Description
BrandId	Integer	Retail Express brand identifier
BrandName	String	Name of the brand (displayed to end user)

PAYMENT METHODS XML LIST:

Name	Type	Description
ID	Integer	Retail Express payment method identifier
MethodName	String	Name of the payment method (displayed to end user)
Enabled	Bit	Whether the payment method is enabled for POS
Mandatory	Bit	Whether this is a system payment method
LoyaltyEnabled	Bit	Whether this payment method will accrue loyalty points for purchases paid with this payment method
POSEnabled	Bit	Whether this payment method is visible at the point of sale
LoyaltyRatio	Float	How many points per dollar/ whole amount spend

PRODUCT DETAIL XML LIST:

Name	Type	Description						
ProductId	Integer	Retail Express Product identifier						
SKU	String	Supplier product identifier						
Code	String	Manufacturer product identifier						
Description	String	Brief description of the product						
BrandId	Integer	Brand identifier (see Attributes lookup)						
SizeId	Integer	Size identifier (see Attributes lookup)						
ColourId	Integer	Colour identifier (see Attributes lookup)						
SeasonId	Integer	Season identifier (see Attributes lookup)						
ProductTypeld	Integer	Product classification identifier (see Attributes lookup)						
Freight	Decimal	Freight cost						
Weight	Decimal	Dead weight (no specific unit of measure)						
Length	Decimal	Length (no specific unit of measure)						
Breadth	Decimal	Breadth (no specific unit of measure)						
Depth	Decimal	Depth (no specific unit of measure)						
Custom1	String	User field						
Custom2	String	User field						
Custom3	String	User field						
LastUpdated	Date	Date the product record was last modified in the Retail Express system						
ShippingCubic	Decimal	Flat packed cubic weight (no specific unit of measure)						
Price	Decimal	Standard sell price for the product						
Taxable	Bit	Whether or not the sell price includes tax						
StockAvailable	Integer	Current stock level (Available only)						
StockOnHand	Integer	Current stock level (Available + Allocated)						
ManageStock	Bit	Whether your e-commerce web store is to manage stock or sell regardless						
MatrixProduct	Bit, Null	<p>Whether this product belongs to a matrix of other products.</p> <p>Possible results:</p> <table border="1"> <tr> <td>NULL/ Empty</td> <td>Not a matrix product</td> </tr> <tr> <td>1</td> <td>Master matrix product to take description details of</td> </tr> <tr> <td>0</td> <td>Child matrix product</td> </tr> </table> <p>The 'Matrix Master' is determined as the grouped product with the lowest product ID.</p>	NULL/ Empty	Not a matrix product	1	Master matrix product to take description details of	0	Child matrix product
NULL/ Empty	Not a matrix product							
1	Master matrix product to take description details of							
0	Child matrix product							
WebSellPrice	Decimal	Non client specific price, does not take into account time based or customer discounts but does enforce Maximum Discount Rules in Retail Express.						
RRP	Decimal	RRP of product.						
DefaultPrice	Decimal	Standard calculated price of the product before any promotional discounts.						
DiscountedPrice	Decimal	Price to sell the product including any time based discounts and complying with any Maximum Discount Rules in Retail Express but not applying any customer discounts.						
CustomerDiscountedPrice	Decimal	Customer specific price including any time based and customer based discounts and complying with any Maximum Discount Rules in Retail Express.						
TaxRate	Decimal	The tax rate to apply to this product.						
Taxable	Bit	Whether or not this product is taxable.						

DISABLED PRODUCTS XML LIST:

Name	Type	Description
ProductId	Integer	Retail Express Product identifier

EXAMPLE REQUEST (REMEMBER TO ADD HEADERS)

```
<ProductsGetBulkDetailsByChannel>
  <LastUpdated>2000-01-01T00:00:00.000Z</LastUpdated>
  <ChannelId>1</ChannelId>
</ProductsGetBulkDetailsByChannel>
```

EXAMPLE RESPONSE

```
<Response>
  <Attributes>
    <Sizes>
      <Size>
        <SizeId>3</SizeId>
        <SizeName>L</SizeName>
        <ListOrder>1</listOrder>
      </Size>
    </Sizes>
    <Colours>
      <Colour>
        <ColourId>1</ColourId>
        <ColourName>Red</ColourName>
      </Colour>
    </Colours>
    <Seasons>
      <Season>
        <SeasonId>4</SeasonId>
        <SeasonName>Summer</SeasonName>
      </Season>
    </Seasons>
    <ProductTypes>
      <ProductType>
        <ProductTypeId>44</ProductTypeId>
        <ProductTypeName>Shirts</ProductTypeName>
      </ProductType>
    </ProductTypes>
    <Brands>
      <Brand>
        <BrandId>6</BrandId>
        <BrandName>Adidas</BrandName>
      </Brand>
    </Brands>
    <PaymentMethods>
      <PaymentMethod>
        <MethodId>11</MethodId>
        <methodName>PayPal</MethodName>
        <Enabled>true</Enabled>
        <Mandatory>>false</Mandatory>
        <LoyaltyEnabled>true</LoyaltyEnabled>
        <POSEnabled>>false</POSEnabled>
        <LoyaltyRatio>0.1</LoyaltyRatio>
      </PaymentMethod>
    </PaymentMethods>
  </Attributes>
  <Products>
    <Product>
      <ProductId>124001</ProductId>
      <SKU>ABC123</SKU>
      <Code>124001</Code>
      <Description>My Test Product</Description>
      <brandId>2</brandId>
      <SizeId>1</SizeId>
      <ColourId>4</ColourId>
      <SeasonId>5</SeasonId>
      <ProductTypeId>4</ProductTypeId>
      <Freight>20</Freight>
      <Weight>200</Weight>
      <Length>1500</Length>
      <Breadth>800</Breadth>
      <Depth>400</Depth>
      <ShippingCubic>200</ShippingCubic>
      <MatrixProduct>0</MatrixProduct>
      <price>300</price>
      <taxable>1</taxable>
      <StockOnHand>55</StockOnHand>
      <manageStock>1</manageStock>
      <WebSellPrice>29.95</WebSellPrice>
      <DefaultPrice>24.95</DefaultPrice>
      <DefaultPriceEx>22.68</DefaultPriceEx>
      <DiscountedPrice>19.95</DiscountedPrice>
      <CustomerDiscountedPrice>14.95</CustomerDiscountedPrice>
      <TaxRate>0.15</TaxRate>
      <Taxable>1</Taxable>
    </Product>
  </Products>
  <DisabledProducts>
    <Product>
      <ProductId>124001</ProductId>
    </Product>
  </DisabledProducts>
</Response>
```

OVERVIEW

Returns GZIP containing XML format data on demand containing complete list of products including pricing and stock levels. Called by your e-commerce web store nightly and on-demand from Administration interface. Contains more metadata about products stored in Retail Express than ProductsGetBulkDetailsByChannel without any of the lookup tables.

Calls to this method are limited to once every 6 hours due to server processing and bandwidth performance considerations.

It is strongly recommended that you use PRODUCTSGETBULKDETAILSBYCHANNEL if at all possible.

PARAMETERS

Name	Type	Description
OnlyWebEnabledWarehouseStock	Bool	When calculating stock on hand levels false will return all stock in all outlets, true will return only those outlets marked as being "web enabled".
ChannelId	Integer	The ID corresponding to the Sales Channel you are connecting to

RETURN VALUE

PRODUCT DETAIL XML LIST:

Name	Type	Description
ProductId	Integer	Retail Express Product identifier
SKU	String	Supplier product identifier
Code	String	Manufacturer product identifier
Description	String	Brief description of the product
Custom1	String	User field
Custom2	String	User field
Custom3	String	User field
ProductTypeDesc	String	Product Type Description
ProductTypeId	String	Product classification identifier (see Attributes lookup)
LeadTime	Integer	Lead time from ordering to receiving product.
Weight	Decimal	Weight of the product
ShippingCubic	Decimal	Flat packed cubic weight (no specific unit of measure)
Length	Decimal	Length (no specific unit of measure)
Breadth	Decimal	Breadth (no specific unit of measure)
Depth	Decimal	Depth (no specific unit of measure)
Freight	Decimal	Freight cost
SupplierName	String	Supplier name
SupplierCode	String	Supplier Identifier
SupplierContactName	String	Supplier Contact Name
SupplierStreetAddress	String	Supplier Street Address
SupplierSuburb	String	Supplier Suburb
SupplierState	String	Supplier State
SupplierPostCode	String	Supplier PostCode
SupplierPhone	String	Supplier Phone Number
SupplierContactEmail	String	Supplier Contact Email Address
SupplierFax	String	Supplier Fax Number
SupplierOrderEmail	String	Supplier Order Email
SupplierPaymentTerms	String	Supplier Payment Terms
BrandName	String	Brand Name
Size	String	Size Name
Colour	String	Colour
Season	String	Season
CoreProduct	Integer	
SupplierBuyEx	Decimal	

WeightedAverageBuyPrice	Decimal	
DirectCosts	Decimal	
Price	Decimal	Standard sell price for the product
PromotionalPrice	Decimal	Promotional Price
PromotionalPriceExpiry	DateTime	Time when the promotion finishes
MaximumDiscountRule	String	Description of the maximum discount rule applied to this product
WebPrice	Decimal	
RRP	Decimal	
ProductDisabled	Bool	Indicates whether the product is disabled or not
StockAvailable	Integer	Current stock level (Available)
StockOnHand	Integer	Current stock level (Available – Allocated)
LongDescription	String	Full HTML formatted product description
DefaultPrice	Decimal	
DefaultPriceEx	Decimal	
TaxRate	Decimal	The tax rate to apply to this product.
DiscountedPrice	Decimal	Price to sell the product including any time based discounts and complying with any Maximum Discount Rules in Retail Express but not applying any customer discounts.
CustomerDiscountedPrice	Decimal	Customer specific price including any time based and customer based discounts and complying with any Maximum Discount Rules in Retail Express.

EXAMPLE REQUEST (REMEMBER TO ADD HEADERS)

```
<ProductsGetBulkDetailsExtendedByChannel>
  <OnlyWebEnabledWarehouseStock>0</OnlyWebEnabledWarehouseStock>
  <ChannelId>1</ChannelId>
</ProductsGetBulkDetailsExtendedByChannel>
```

EXAMPLE RESPONSE

```
<Response>
  <Products>
    <Product>
      <ProductId>124001</ProductId>
      <SKU>ABC123</SKU>
      <Code>124001</Code>
      <Description>My Test Product</Description>
      <Custom1></Custom1>
      <Custom2></Custom2>
      <Custom3></Custom3>
      <ProductId>4</ProductId>
      <ProductTypeDescription>Shoes</ProductTypeDescription>
      <LeadTime>2</LeadTime>
      <Weight>1</Weight>
      <ShippingCubic>200</ShippingCubic>
      <Freight>20</Freight>
      <Weight>200</Weight>
      <Length>1500</Length>
      <Breadth>800</Breadth>
      <Depth>400</Depth>
      <SupplierName>Supplier</SupplierName>
      <SupplierCode>TT</SupplierCode>
      <SupplierContactName>J. Smith</SupplierContactName>
      <SupplierStreetAddress>1 street</SupplierStreetAddress>
      <SupplierState>QLD</SupplierState>
      <SupplierSuburb>Newfarm</SupplierSuburb>
      <SupplierPostCode>4010</SupplierPostCode>
      <SupplierPhone>07544645545</SupplierPhone>
      <SupplierPhone>07544645545</SupplierPhone>
      <SupplierContactEmail>asb@ddb.com</SupplierPhone>
      <SupplierFax>07544645545</SupplierFax>
      <SupplierOrderEmail>07544645545</SupplierOrderEmail>
      <SupplierPaymentTerms>07544645545</SupplierPaymentTerms>
      <BrandName>ABC</BrandName>
      <Size>ABC</Size>
      <Colour>ABC</Colour>
      <Season>ABC</Season>
      <CoreProduct>ABC</CoreProduct>
      <SupplierBuyEx>ABC</SupplierBuyEx>
      <WeightedAverageBuyPrice>20</WeightedAverageBuyPrice>
      <DirectCosts>200</DirectCosts>
      <POSPrice>1500</POSPrice>
      <PromotionalPrice>800</PromotionalPrice>
      <PromotionalPriceExpiry>400</PromotionalPriceExpiry>
      <MaximumDiscountRule>0</MaximumDiscountRule>
      <WebPrice>300</WebPrice>
      <RRP>1</RRP>
      <StockOnHand>55</StockOnHand>
      <ProductDisabled>1</ProductDisabled>
      <LongDescription>29.95</LongDescription>
      <DefaultPrice>24.95</DefaultPrice>
      <DefaultPriceEx>22.68</DefaultPriceEx>
      <TaxRate>0.15</TaxRate>
    </Product>
  </Products>
</Response>
```

OVERVIEW

Returns GZIP containing XML format data on demand containing current order details for all orders (originating from your web store) that have been modified since the last synchronisation.

This method is used to keep fulfilment information current between Retail Express and your web store. The Retail Express order ID must be stored in your web store for the order list to match. This is an alphanumeric order number and is not sequential.

PARAMETERS

Name	Type	Description
LastUpdated	DateTime	Most recent update date- to match with your e-commerce web store last synchronisation
ChannelId	Integer	The ID corresponding to the Sales Channel you are connecting to

RETURN VALUE

ORDERS XML LIST:

Name	Type	Description
OrderId	String	Retail Express Order identifier
DateCreated	Date	Date of transaction
OrderTotal	Decimal	Total sales value of the order
FreightTotal	Decimal	Total including tax of freight to apply in local outlet currency
OrderStatus	String	Current status of the order (Processed/ Awaiting Payment)
OutletName	String	Name of outlet order is allocated to
PublicComments	String	Public comments
PrivateComments	String	Private comments
CustomerId	Integer	Customer account number in Retail Express
BillName	String	Billing name
BillAddress	String	Billing address line 1
BillAddress2	String	Billing address line 1
BillCompany	String	Billing company
BillMobile	String	Billing mobile phone contact
BillPhone	String	Billing landline phone contact
BillPostCode	String	Billing postal code/ zip code
BillState	String	Billing state
BillSuburb	String	Billing suburb
BillCountry	String	Billing country
BillEmail	String	Billing email
DelName	String	Delivery name
DelAddress	String	Delivery address line 1
DelAddress2	String	Delivery address line 2
DelCompany	String	Delivery company
DelMobile	String	Delivery mobile phone contact
DelPhone	String	Delivery landline phone contact
DelPostCode	String	Delivery postal code/ zip code
DelSuburb	String	Delivery suburb
DelState	String	Delivery State
DelCountry	String	Delivery country
CustomerPONumber	String	Customer purchase order number (if applicable). This is stored against the order not the customer.
CustomReference	String	Custom reference field for retailer to use as they please. This is stored against the customer not the order.
LastUpdated	Datetime	Most recent update date- to match with your e-commerce web store last synchronisation
ChannelId	Integer	The sales channel this sale was created on

ORDERDETAILS XML LIST:

Name	Type	Description
OrderId	String	Retail Express Order Identifier
OrderItemId	Integer	Retail Express specific order item identifier, must be stored in your e-commerce web store for sync
ProductId	Integer	Retail Express Product identifier
QtyOrdered	Integer	Quantity of product ordered
QtyFulfilled	Integer	Quantity of product currently fulfilled to the customer
UnitPrice	Decimal	Individual price of product in this sale
DeliveryDueDate	Datetime	Due date for delivery

FULFILLMENT XML LIST:

Name	Type	Description
OrderId	String	Retail Express order item identifier.
OrderItemId	Integer	Retail Express specific order item identifier, must be stored in your e-commerce web store for sync
DateFulfilled	Datetime	Date of fulfilment/ shipment
QtyFulfilled	Integer	Quantity of product fulfilled in this shipment

PAYMENTS XML LIST:

Name	Type	Description
OrderId	String	Retail Express Order Identifier
MethodId	Integer	Payment method type
Payment	Money	Payment Amount
DateCreated	DateTime	Payment timestamp

EXAMPLE REQUEST (REMEMBER TO ADD HEADERS)

```
<WebOrderGetBulkFulfillmentByChannel>
  <LastUpdated>2000-01-01T00:00:00.000Z</LastUpdated>
  <ChannelId>1</ChannelId>
</WebOrderGetBulkFulfillmentByChannel>
```

Example Response

```
<Response>
  <Orders>
    <Order>
      <OrderId>HQ-826653</OrderId>
      <DateCreated>2011-2-18T00:00:00.000Z</DateCreated>
      <OrderTotal>300</OrderTotal>
      <FreightTotal>15</FreightTotal>
      <OrderStatus>Processed</OrderStatus>
      <OutletName>Brisbane</OutletName>
      <PublicComments>Attn: Support Dept</PublicComments>
      <PrivateComments>Customer discounts applied</PrivateComments>
      <CustomerId>300001</CustomerId>
      <BillName>Joe Bloggs</BillName>
      <BillAddress>Unit 3</BillAddress>
      <BillAddress2>1 John Street</BillAddress2>
      <BillCompany>Bloggs Co</BillCompany>
      <BillMobile>0421 345 678</BillMobile>
      <BillPhone>07 3200 0123</BillPhone>
      <BillPostCode>4000</BillPostCode>
      <BillSuburb>Brisbane</BillSuburb>
      <BillState>QLD</BillState>
      <BillCountry>Australia</BillCountry>
      <BillEmail>joe@bloggs.com.au</BillEmail>
      <DelName>Mary Brown</DelName>
      <DelAddress>260 Ferry Road</DelAddress>
      <DelAddress2></DelAddress2>
      <DelCompany></DelCompany>
      <DelMobile></DelMobile>
      <DelPhone>+64 3326 3030</DelPhone>
      <DelPostCode>8011</DelPostCode>
      <DelSuburb>Christchurch</DelSuburb>
      <DelState></DelState>
      <DelCountry>New Zealand</DelCountry>
      <CustomerPONumber>55</CustomerPONumber>
      <LastUpdated>2011-2-18T00:00:00.000Z</LastUpdated>
      <CustomReference>2011-2-18T00:00:00.000Z</CustomReference>
    </Order>
  </Orders>
  <OrderItems>
    <OrderItem>
      <OrderId>HQ-826653</OrderId>
      <OrderItemId>54110</OrderItemId>
      <ProductId>124001</ProductId>
      <QtyOrdered>5</QtyOrdered>
      <QtyFulfilled>3</QtyFulfilled>
      <UnitPrice>40.35</UnitPrice>
      <DeliveryDueDate>2011-2-21T00:00:00.000Z</DeliveryDueDate>
    </OrderItem>
  </OrderItems>
  <OrderFulfillment>
    <Fulfilment>
      <OrderItemId>54110</OrderItemId>
      <DateFulfilled>2011-2-21T00:00:00.000Z</DateFulfilled>
      <QtyFulfilled>3</QtyFulfilled>
    </Fulfilment>
  </OrderFulfillment>
  <OrderPayments>
    <Payment>
      <OrderId>HQ-826653</OrderId>
      <MethodId>2</MethodId>
      <DateCreated>2011-2-21T00:00:00.000Z</DateCreated>
      <QtyFulfilled>3</QtyFulfilled>
    </Payment>
  </OrderPayments>
</Response>
```

CUSTOMERGETBULKDETAILSBYCHANNEL

OVERVIEW

Returns GZIP containing XML format data on demand containing all customer information that has been created or modified since the last synchronisation. This is intended to replace the information stored in your e-commerce web store keeping Retail Express as the single point of truth.

PARAMETERS

Name	Type	Description
LastUpdated	Datetime	Most recent update date- to match with your e-commerce web store last synchronisation
OnlyCustomersWithEmails	Bit	Whether to return only customers that have a value in BillEmail

RETURN VALUE

CUSTOMER XML LIST (* DENOTES REQUIRED FIELD)

Name	Type	Description
CustomerId	Integer	Customer account number in Retail Express, if blank a new customer is created
Password*	String	If creating new customer, you must specify the password. Ignored if existing customer
BillFirstName*	String	Billing first name
BillLastName*	String	Billing last name
BillABN	String	Billing ABN
BillWebsite	String	Billing Contact Website
BillAddress	String	Billing address line 1
BillAddress2	String	Billing address line 1
BillCompany	String	Billing company
BillMobile	String	Billing mobile phone contact
BillPhone	String	Billing landline phone contact
BillFax	String	Billing fax number
BillPostCode	String	Billing postal code/ zip code
BillState	String	Billing state
BillSuburb	String	Billing suburb
BillCountry	String	Billing country
BillEmail*	String	Billing email
DelName	String	Delivery name
DelAddress*	String	Delivery address line 1
DelAddress2	String	Delivery address line 2
DelCompany	String	Delivery company
DelMobile	String	Delivery mobile phone contact
DelPhone	String	Delivery landline phone contact
DelPostCode*	String	Delivery postal code/ zip code
DelSuburb*	String	Delivery suburb
DelState*	String	Delivery state
DelCountry	String	Delivery country
CustomReference	String	Custom reference field for retailer to use as they please
PriceGroupId	Integer	Retail Express price group identifier, blank if default price
CreditLimit	Decimal	Total account credit limit for purchases
RemainingCredit	Decimal	Total credit left for purchases
IsAccountCustomer	Bit	Whether customer can make purchases using 'on account'
ReceivesNews*	Bit	Whether the customer is opted in to e-newsletters
LastUpdated	Datetime	Most recent update date

EXAMPLE REQUEST (REMEMBER TO ADD HEADERS)

```
<CustomerGetBulkDetails>
  <LastUpdated>2000-01-01T00:00:00.000Z</LastUpdated>
  <OnlyCustomersWithEmails>1</OnlyCustomersWithEmails>
</CustomerGetBulkDetails>
```

Example Response

```
<Customers>
  <Customer>
    <CustomerId>300001</CustomerId>
    <Password>mypass123</Password>
    <BillFirstName>Joe</BillFirstName>
    <BillLastName>Bloggs</BillLastName>
    <BillAddress>Unit 3</BillAddress>
    <BillAddress2>1 John Street</BillAddress2>
    <BillCompany>Bloggs Co</BillCompany>
    <BillABN>Bloggs Co</BillABN>
    <BillMobile>0421 345 678</BillMobile>
    <BillPhone>07 3200 0123</BillPhone>
    <BillPostCode>4000</BillPostCode>
    <BillSuburb>Brisbane</BillSuburb>
    <BillState>QLD</BillState>
    <BillCountry>Australia</BillCountry>
    <BillEmail>joe@bloggs.com.au</BillEmail>
    <DelName>Mary Brown</DelName>
    <DelAddress>260 Ferry Road</DelAddress>
    <DelAddress2></DelAddress2>
    <DelCompany></DelCompany>
    <DelMobile></DelMobile>
    <DelPhone>+64 3326 3030</DelPhone>
    <DelPostCode>8011</DelPostCode>
    <DelSuburb>Christchurch</DelSuburb>
    <DelState></DelState>
    <DelCountry>New Zealand</DelCountry>
    <CustomReference>55</CustomReference>
    <PriceGroupId>55</PriceGroupId>
    <CreditLimit>500</CreditLimit>
    <RemainingCredit>100</RemainingCredit>
    <IsAccountCustomer>1</IsAccountCustomer>
    <ReceivesNews>1</ReceivesNews>
    <LastUpdated>2011-2-18T00:00:00.000Z</LastUpdated>
  </Customer>
</Customers>
```

ORDERCREATEBYCHANNEL

OVERVIEW

Creates a new 'Incomplete' order. your e-commerce web store must create this order before proceeding with payment as payment entries require a valid OrderId. The Order will be created in the Sales Channel's "default outlet" irrespective of what source and fulfilment outlet IDs have been passed through.

Optional – You can pass through your e-commerce web store order number/ id and it will be returned along with the Retail Express OrderId so that you can better manage the updating of your internal records.

PARAMETERS

Name	Type	Description
OrderXML	XML	Details of the order to create/ edit
ChannelId	Integer	The ID corresponding to the Sales Channel you are wanting to create the sale in. The sale will be created in the "Default" outlet for that Sales Channel

SEND VALUE

ORDER XML LIST (* DENOTES MANDATORY FIELD)

Name	Type	Description
ExternalOrderId	String	OrderId from the external system being integrated.
DateCreated	DateTime	Date and Time the order was placed in your e-commerce web store. If blank it will automatically default to the current time on the Retail Express server
OrderTotal*	Decimal	The total of the order, including all items, tax and freight.
FreightTotal	Decimal	Total including tax of freight to apply in local outlet currency
OrderStatus*	String	One of "Processed", "Quote" or "Incomplete"
PublicComments	String	Public comments
CustomerId	Integer	Customer account number in Retail Express, if blank a new customer is created
ExternalCustomerId	String	Your e-commerce web store CustomerId, this will be returned with the result of the CreateOrder request so the two CustomerId's can be associated.
Password	String	If creating new customer, you can choose to specify a password
BillFirstName*	String	Billing first name
BillLastName*	String	Billing last name
BillAddress	String	Billing address line 1
BillAddress2	String	Billing address line 1
BillCompany	String	Billing company
BillAcn	String	Billing company ABN/ ACN / Company registration number
BillMobile	String	Billing mobile phone contact
BillPhone	String	Billing landline phone contact
BillPostCode	String	Billing postal code/ zip code
BillState	String	Billing state
BillSuburb	String	Billing suburb
BillCountry	String	Billing country
BillEmail*	String	Billing email
DelName	String	Delivery name
DelAddress*	String	Delivery address line 1
DelAddress2	String	Delivery address line 2
DelCompany	String	Delivery company
DelMobile	String	Delivery mobile phone contact
DelPhone	String	Delivery landline phone contact
DelPostCode*	String	Delivery postal code/ zip code
DelSuburb*	String	Delivery suburb
DelState*	String	Delivery state
DelCountry	String	Delivery country
CustomerPONumber	String	Customer purchase order number (if applicable)

CustomReference	String	Custom reference field on the customer level for retailer to use as they please
ReceivesNews*	Bit	Whether the customer is opted in to newsletters
PublicComments	String	Displayed on the customers invoice
PrivateComments	String	Stored against the order and viewable from inside POS
FulfilmentOutletId	Integer	ID of the outlet all products are to be fulfilled from (requires active Click & Collect license)

ORDERITEMS XML LIST:

Insert new only- Order Details are not editable after creation of an order.

Name	Type	Description
ProductId*	Integer	Retail Express Product identifier
QtyOrdered*	Integer	Quantity of product ordered
QtyFulfilled*	Integer	Quantity of product dispatched (should not exceed QtyOrdered)
UnitPrice*	Decimal	Individual price of product in this sale in the currency expected for the Retail Express application
TaxRateApplied*	Decimal	Representation of tax applied on this product for this order (10% = 0.1)
DeliveryDueDate	Datetime	Due date for delivery (YYYY-MM-DDTHH:MM:SS.000Z)
DeliveryMethod	String, NULL	Delivery method, must be of: NULL: Cash & Carry (doesn't apply to a webstore environment) home: Home Delivery (most typical webstore scenario) warehouse: Warehouse Pickup (for collection from a warehouse) store: Store Pickup (for collection from a retail outlet)
DeliveryDriverId	Integer	The ID of a "Delivery Driver" set up in Retail Express. This is typically used to specify delivery methods to Retail Express reporting such as a driver "Australia Post" or "DHL" or "EMS"
DeliveryDriverName	String	If you do not want to store Ids for the Delivery Driver, you can instead send through an exact matching name of the driver and it will lookup the Id internally
Reference	String	Any reference such as a delivery tracking number for display on the Fulfilment Report in Retail Express

ORDERPAYMENTS XML LIST:

Name	Type	Description
MethodId*	Integer	Retail Express payment type item identifier, must be stored in your e-commerce web store for sync. Payment methods are retrieved in PRODUCTSGETBULKDETAILSBYCHANNEL
Amount*	Decimal	Retail Express Product identifier
VoucherCode	String, NULL	Voucher to redeem/ reduce available credit for if applicable
DateCreated	DateTime	Date and time the payment was created against the order. If blank it will automatically default to the current time on the Retail Express server

EXAMPLE REQUEST (REMEMBER TO ADD HEADERS)

```

<OrderCreateByChannel>
  <OrderXML>
    <![CDATA[
      <Orders>
        <Order>
          <ExternalOrderId>1000</ExternalOrderId>
          <ExternalCustomerId>1000</ExternalCustomerId>
          <DateCreated>2011-2-18T00:00:00.000Z</DateCreated>
          <OrderTotal>300</OrderTotal>
          <FreightTotal>15</FreightTotal>
          <OrderStatus>Processed</OrderStatus>
          <PublicComments>Thankyou for your order</PublicComments>
          <PrivateComments>Customer discounts applied</PrivateComments>
          <CustomerId></CustomerId>
          <Password>mypass123</Password>
          <BillFirstName>Joe</BillFirstName>
          <BillLastName>Bloggs</BillLastName>
          <BillAddress>Unit 3</BillAddress>
          <BillAddress2>1 John Street</BillAddress2>
          <BillCompany>Bloggs Co</BillCompany>
          <BillMobile>0421 345 678</BillMobile>
          <BillPhone>07 3200 0123</BillPhone>
          <BillPostCode>4000</BillPostCode>
          <BillSuburb>Brisbane</BillSuburb>
          <BillState>QLD</BillState>
          <BillCountry>Australia</BillCountry>
          <BillEmail>joe@bloggs.com.au</BillEmail>
          <DelName>Mary Brown</DelName>
          <DelAddress>260 Ferry Road</DelAddress>
          <DelAddress2></DelAddress2>
          <DelCompany></DelCompany>
          <DelMobile></DelMobile>
          <DelPhone>+64 3326 3030</DelPhone>
          <DelPostCode>8011</DelPostCode>
          <DelSuburb>Christchurch</DelSuburb>
          <DelState></DelState>
          <DelCountry>New Zealand</DelCountry>
          <CustomerPONumber>55</CustomerPONumber>
          <CustomReference></CustomReference>
          <ReceivesNews>1</ReceivesNews>
          <OrderItems>
            <OrderItem>
              <ProductId>124001</ProductId>
              <QtyOrdered>5</QtyOrdered>
              <QtyFulfilled>3</QtyFulfilled>
              <UnitPrice>40.35</UnitPrice>
              <TaxRateApplied>0.1</TaxRateApplied>
              <DeliveryDueDate>2014-12-01T00:00:00.000Z</DeliveryDueDate>
              <DeliveryMethod>home</DeliveryMethod>
            </OrderItem>
          </OrderItems>
          <OrderPayments>
            <OrderPayment>
              <MethodId>2</MethodId>
              <Amount>40.35</Amount>
              <DateCreated>2014-12-01T00:00:00.000Z</DateCreated>
            </OrderPayment>
          </OrderPayments>
        </Order>
      </Orders>
    ]]>
  </OrderXML>
  <ChannelId>1</ChannelId>
</OrderCreateByChannel>

```

SUCCESSFUL ATTEMPT

```
<Response>
  <OrderCreate>
    <Customer>
      <Result>Success</Result>
      <CustomerId>1000</CustomerId>
      <ExternalCustomerId>1000</ExternalCustomerId>
    </Customer>
    <Order>
      <Result>Success</Result>
      <OrderId>1000</OrderId>
      <ExternalOrderId>1000</ExternalOrderId>
    </Order>
    <OrderItems>
      <OrderItem>
        <Result>Success</Result>
        <OrderId>1000</OrderId>
        <ProductId>1000</ProductId>
      </OrderItem>
    </OrderItems>
    <OrderPayments>
      <OrderPayment>
        <Result>Success</Result>
        <OrderId>1000</OrderId>
        <MethodId>1000</MethodId>
        <Amount>1000</Amount>
      </OrderPayment>
    </OrderPayments>
  </OrderCreate>
</Response>
```

FAILED ATTEMPT

```
<Response>
  <OrderCreate>
    <Customer>
      <Result>Fail</Result>
      <CustomerId>1000</CustomerId>
      <ExternalCustomerId>1000</ExternalCustomerId>
    </Customer>
  </OrderCreate>
</Response>
```

ORDERADDPAYMENT

OVERVIEW

Adds a new payment to an existing order.

If a VoucherCode is provided, Retail Express will attempt to use an existing Voucher as a payment method. Call VoucherGetBalance prior to sending your payment to determine the current remaining balance of a voucher as the system will not accept a payment larger than the remaining balance.

PARAMETERS

Name	Type	Description
PaymentXML	XML	Details of the order to create/ edit

SEND VALUE

ORDERPAYMENTS XML LIST:

Name	Type	Description
OrderId*	String	Retail Express order identifier
MethodId*	Integer	Retail Express payment type item identifier, must be stored in your e-commerce web store for sync. This is retrieved from PRODUCTSGETBULKDETAILSBYCHANNEL
Amount*	Decimal	Amount in the expected base currency in Retail Express
VoucherCode	String, NULL	Voucher to redeem/ reduce available credit for if applicable. This voucher code is created in Retail Express and must exist prior to sending a payment on that voucher code
DateCreated*	DateTime	The date the payment was made. If blank, will default to current Retail Express datetime

RETURN VALUE

Returns OrderId, MethodId and Amount back (for Identification purposes) with an indication of success or fail.

Name	Type	Description
Result	String	Either "Success" Or "Fail"
OrderId	String	Retail Express order identifier
MethodId	Integer	Retail Express payment type item identifier, must be stored in your e-commerce web store for sync back
Amount	Decimal	Amount that was taken

EXAMPLE REQUEST (REMEMBER TO ADD HEADERS)

```
<OrderPayments>
  <OrderPayment>
    <OrderId>pp-573863</OrderId>
    <MethodId>13</MethodId>
    <Amount>60.00</Amount>
    <DateCreated>2014-05-29T00:00:00.000Z</DateCreated>
    <VoucherCode>aY7NN0lmssd</VoucherCode>
  </OrderPayment>
</OrderPayments>
```

EXAMPLE RESPONSE

```
<Response>
  <Payment>
    <Result>Success</Result>
    <OrderId>pp-573863</OrderId>
    <MethodId>13</MethodId>
    <Amount>60.00</Amount>
  </Payment>
</Response>
```

OVERVIEW

Used to update the billing and delivery details for an order. Does not update the customer's permanent record in the Customer record, and only affects the details recorded against that specific order.

PARAMETERS

Name	Type	Description
OrderXML	XML	Details of the order to create/ edit

SEND VALUE

ORDER XML LIST (* DENOTES MANDATORY FIELD)

Name	Type	Description
OrderId*	String	Retail Express order identifier
ExternalOrderId	String	OrderId from the external system being integrated.
DateCreated	DateTime	Date and Time the order was placed in your e-commerce web store. If blank it will automatically default to the current time on the Retail Express server
OrderTotal*	Decimal	The total of the order, including all items, tax and freight.
FreightTotal	Decimal	Total including tax of freight to apply in local outlet currency
OrderStatus*	String	One of "Processed", "Quote" or "Incomplete"
PublicComments	String	Public comments
CustomerId	Integer	Customer account number in Retail Express, if blank a new customer is created
ExternalCustomerId	String	Your e-commerce web store CustomerId, this will be returned with the result of the CreateOrder request so the two CustomerId's can be associated.
Password	String	If creating new customer, you can choose to specify a password
BillFirstName*	String	Billing first name
BillLastName*	String	Billing last name
BillAddress	String	Billing address line 1
BillAddress2	String	Billing address line 1
BillCompany	String	Billing company
BillAcn	String	Billing company ABN/ ACN / Company registration number
BillMobile	String	Billing mobile phone contact
BillPhone	String	Billing landline phone contact
BillPostCode	String	Billing postal code/ zip code
BillState	String	Billing state
BillSuburb	String	Billing suburb
BillCountry	String	Billing country
BillEmail*	String	Billing email
DelName	String	Delivery name
DelAddress*	String	Delivery address line 1
DelAddress2	String	Delivery address line 2
DelCompany	String	Delivery company
DelMobile	String	Delivery mobile phone contact
DelPhone	String	Delivery landline phone contact
DelPostCode*	String	Delivery postal code/ zip code
DelSuburb*	String	Delivery suburb
DelState*	String	Delivery state
DelCountry	String	Delivery country
CustomerPONumber	String	Customer purchase order number (if applicable)
CustomReference	String	Custom reference field on the customer level for retailer to use as they please
ReceivesNews*	Bit	Whether the customer is opted in to newsletters
PublicComments	String	Displayed on the customers invoice
PrivateComments	String	Stored against the order and viewable from inside POS
FulfilmentOutletId	Integer	ID of the outlet all products are to be fulfilled from (requires active Click & Collect license)

EXAMPLE REQUEST (REMEMBER TO ADD HEADERS)

```
<OrderCreateByChannel>
  <OrderXML>
    <![CDATA[
      <Orders>
        <Order>
          <ExternalOrderId>1000</ExternalOrderId>
          <OrderId>PP-573863</OrderId>
          <ExternalCustomerId>1000</ExternalCustomerId>
          <DateCreated>2011-2-18T00:00:00.000Z</DateCreated>
          <OrderTotal>300</OrderTotal>
          <FreightTotal>15</FreightTotal>
          <OrderStatus>Processed</OrderStatus>
          <PublicComments>Thankyou for your order</PublicComments>
          <PrivateComments>Customer discounts applied</PrivateComments>
          <CustomerId></CustomerId>
          <Password>mypass123</Password>
          <BillFirstName>Joe</BillFirstName>
          <BillLastName>Bloggs</BillLastName>
          <BillAddress>Unit 3</BillAddress>
          <BillAddress2>1 John Street</BillAddress2>
          <BillCompany>Bloggs Co</BillCompany>
          <BillMobile>0421 345 678</BillMobile>
          <BillPhone>07 3200 0123</BillPhone>
          <BillPostCode>4000</BillPostCode>
          <BillSuburb>Brisbane</BillSuburb>
          <BillState>QLD</BillState>
          <BillCountry>Australia</BillCountry>
          <BillEmail>joe@bloggs.com.au</BillEmail>
          <DelName>Mary Brown</DelName>
          <DelAddress>260 Ferry Road</DelAddress>
          <DelAddress2></DelAddress2>
          <DelCompany></DelCompany>
          <DelMobile></DelMobile>
          <DelPhone>+64 3326 3030</DelPhone>
          <DelPostCode>8011</DelPostCode>
          <DelSuburb>Christchurch</DelSuburb>
          <DelState></DelState>
          <DelCountry>New Zealand</DelCountry>
          <CustomerPONumber>55</CustomerPONumber>
          <CustomReference></CustomReference>
          <ReceivesNews>1</ReceivesNews>
        </Order>
      </Orders>
    ]]>
  </OrderXML>
  <ChannelId>1</ChannelId>
</OrderCreateByChannel>
```

EXAMPLE RESPONSE

```
<Response>
  <OrderCustomerDetails>
    <Result>Success</Result>
    <OrderId>1000</OrderId>
  </OrderCustomerDetails>
</Response>
```


CUSTOMERCREATEUPDATE

OVERVIEW

Creates or updates a customer record, leave the CustomerId field blank to have a new customer created and the Id returned.

Also pass in the ExternalCustomerId so that success or failure can be attributed to specific records in the external system and newly created Customers can have their Retail Express CustomerId updated in the external application.

PARAMETERS

Name	Type	Description
CustomerXML	XML	Details of the customer to create/ edit

SEND VALUE

CUSTOMER XML LIST (* DENOTES REQUIRED FIELD)

Name	Type	Description
CustomerId	String	Customer account number in Retail Express, if blank a new customer is created
Password*	String	If creating new customer, you must specify the password. Ignored if existing customer
BillFirstName*	String	Billing first name
BillLastName*	String	Billing last name
ACN	String	Billing ABN
BillAddress	String	Billing address line 1
BillAddress2	String	Billing address line 1
BillCompany	String	Billing company
BillMobile	String	Billing mobile phone contact
BillPhone	String	Billing landline phone contact
BillFax	String	Billing fax number
BillPostCode	String	Billing postal code/ zip code
BillState	String	Billing state
BillSuburb	String	Billing suburb
BillCountry	String	Billing country
BillEmail*	String	Billing email
DelName	String	Delivery name
DelAddress*	String	Delivery address line 1
DelAddress2	String	Delivery address line 2
DelCompany	String	Delivery company
DelMobile	String	Delivery mobile phone contact
DelPhone	String	Delivery landline phone contact
DelPostCode*	String	Delivery postal code/ zip code
DelSuburb*	String	Delivery suburb
DelState*	String	Delivery state
DelCountry	String	Delivery country
ReceivesNews*	Bit	Whether the customer is opted in to e-newsletters

EXAMPLE REQUEST (REMEMBER TO ADD HEADERS)

```
<Customers>
  <Customer>
    <ExternalCustomerId>1313</ExternalCustomerId>
    <CustomerId>FL-6112</CustomerId>
    <Password>abcdef</Password>
    <BillFirstName>Joe</BillFirstName>
    <BillLastName>Bloggs</BillLastName>
    <BillAddress>Unit 3</BillAddress>
    <BillAddress2>1 John Street</BillAddress2>
    <BillCompany>Bloggs Co</BillCompany>
    <BillMobile>0421 345 678</BillMobile>
    <BillPhone>07 3200 0123</BillPhone>
    <BillPostCode>4000</BillPostCode>
    <BillSuburb>Brisbane</BillSuburb>
    <BillState>QLD</BillState>
    <BillCountry>Australia</BillCountry>
    <BillEmail>joe@bloggs.com.au</BillEmail>
    <DelName>Mary Brown</DelName>
    <DelAddress>260 Ferry Road</DelAddress>
    <DelAddress2></DelAddress2>
    <DelCompany></DelCompany>
    <DelMobile></DelMobile>
    <DelPhone>+64 3326 3030</DelPhone>
    <DelPostCode>8011</DelPostCode>
    <DelSuburb>Christchurch</DelSuburb>
    <DelState></DelState>
    <DelCountry>New Zealand</DelCountry>
    <CustomerPONumber>55</CustomerPONumber>
    <CustomReference></CustomReference>
  </Customer>
</Customers>
```

EXAMPLE RESPONSE

```
<Response>
  <Customer>
    <Result>Success</Result>
    <CustomerId>FL-6112</CustomerId>
    <ExternalCustomerId>1313</ExternalCustomerId>
    <Password>abcdefg</Password>
  </Customer>
</Response>
```

ORDERCANCEL

OVERVIEW

Sets the order status of an order to Cancelled in Retail Express.

WARNING: If this order has payments associated with it, cancelling the order will not remove the payments from the system. If you wish to reverse out payments, you will need to use ORDERADDPAYMENT to apply a negative payment equal to the amount you want to reverse out. Failure to do so may result in a bogus 'End Of Day' in the retailers in-store Retail Express POS system.

PARAMETERS

Name	Type	Description
OrderId	String	Id returned from Retail Express on creation of an order.

RETURN VALUE

Name	Type	Description
Result	String	String containing either "Success" or "Fail"

ORDERDELIVERYUPDATE

OVERVIEW

Updates the fulfilment status of an order previously created in Retail Express.

PARAMETERS

Name	Type	Description
OrderId	String	Id returned from Retail Express on creation of an order.
ExternalOrderId	String	OrderId from the external system being integrated.
Reference	String	Any reference such as a delivery tracking number for display on the Fulfilment Report in Retail Express
DeliveryDriverId	Integer	The ID of a "Delivery Driver" set up in Retail Express. This is typically used to specify delivery methods to Retail Express reporting such as a driver "Australia Post" or "DHL" or "EMS"
DeliveryDriverName	String	If you do not want to store Ids for the Delivery Driver, you can instead send through an exact matching name of the driver and it will lookup the Id internally

EXAMPLE REQUEST (REMEMBER TO ADD HEADERS)

```
<OrderDeliveryUpdate>
  <OrderId>CS-926166</OrderId>
  <ExternalOrderId>999</ExternalOrderId>
  <Reference>REFTEST</Reference>
  <DeliveryDriverName>Express</DeliveryDriverName>
</OrderDeliveryUpdate>
```

EXAMPLE RESPONSE

```
<OrderDeliveryUpdateResponse>
  <OrderDeliveryUpdateResult>
    <Response>
      <Result>Success</Result>
    </Response>
  </OrderDeliveryUpdateResult>
</OrderDeliveryUpdateResponse>
```


PRODUCTGETDETAILSSTOCKPRICINGBYCHANNEL

OVERVIEW

Returns XML format data on demand containing the product details, sell price and stock level for the specified product, called by your e-commerce web store upon landing on a product detail page before displaying product.

If the current product is part of a product matrix (eg- multiple products sharing the same Manufacturer SKU that have both a size and colour), then stock and pricing information each product in the matrix will be returned.

Customer level discounts in Retail Express are applied through Price Groups, if a customer is a member of a price group then they get appropriate discount rates.

If a ProductId and either a PriceGroupId or CustomerId are provided any discounts the customer is entitled to will be applied to the prices returned through this method.

PARAMETERS

Name	Type	Description
ProductId	Integer	Retail Express product identifiers
CustomerId	Integer	Optional Retail Express Customer identifier (send 0 if none) – if supplied the pricing returned will be specific to that customer
PriceGroupId	Integer	Optional Retail Express Customer Price Group identifier (send 0 if none) – if supplied, the pricing returned will be specific to that price group
ChannelId	Integer	The ID corresponding to the Sales Channel you are connecting to

RETURN VALUE

PRICING AND STOCK XML LIST:

Name	Type	Description						
ProductId	Integer	Retail Express Product identifier						
SKU	String	Supplier product identifier						
Code	String	Manufacturer product identifier						
Description	String	Brief description of the product						
BrandId	Integer	Brand identifier (see Attributes lookup)						
SizeId	Integer	Size identifier (see Attributes lookup)						
ColourId	Integer	Colour identifier (see Attributes lookup)						
SeasonId	Integer	Season identifier (see Attributes lookup)						
ProductTypeId	Integer	Product classification identifier (see Attributes lookup)						
Freight	Decimal	Freight cost						
Weight	Decimal	Dead weight (no specific unit of measure)						
Length	Decimal	Length (no specific unit of measure)						
Breadth	Decimal	Breadth (no specific unit of measure)						
Depth	Decimal	Depth (no specific unit of measure)						
Custom1	String	User field						
Custom2	String	User field						
Custom3	String	User field						
LastUpdated	Date	Date the product record was last modified in the Retail Express system						
ShippingCubic	Decimal	Flat packed cubic weight (no specific unit of measure)						
StockAvailable	Integer	Current stock level (Available only)						
StockOnHand	Integer	Current stock level (Available – Allocated)						
ManageStock	Bit	Whether your e-commerce web store is to manage stock or sell regardless						
MatrixProduct	Bit, Null	Whether this product belongs to a matrix of other products. Possible results: <table border="1" data-bbox="790 1948 1500 2027"> <tr> <td>NULL/ Empty</td> <td>Not a matrix product</td> </tr> <tr> <td>1</td> <td>Master matrix product to take description details of</td> </tr> <tr> <td>0</td> <td>Child matrix product</td> </tr> </table> <p>The 'Matrix Master' is determined as the grouped product with the lowest product ID.</p>	NULL/ Empty	Not a matrix product	1	Master matrix product to take description details of	0	Child matrix product
NULL/ Empty	Not a matrix product							
1	Master matrix product to take description details of							
0	Child matrix product							
WebSellPrice	Decimal	Non client specific price, does not take into account time based or customer discounts but does enforce Maximum Discount Rules in Retail Express.						

RRP	Decimal	RRP of product.
DefaultPrice	Decimal	Non discounted full price of the product.
DiscountedPrice	Decimal	Price to sell the product including any time based discounts and complying with any Maximum Discount Rules in Retail Express but not applying any customer discounts.
CustomerDiscountedPrice	Decimal	Customer specific price including any time based and customer based discounts and complying with any Maximum Discount Rules in Retail Express.
DefaultPriceEx	Decimal	Non Client specific price ex tax.
TaxRate	Decimal	The tax to be applied to this product, expressed as the multiplier to the price. le: TaxRate of 0.1 = 10%
Taxable	Bit	Whether or not this product should have tax applied to it's sale price.
ChannelId	Int	Current sales channel (echo back from parameter)

EXAMPLE REQUEST (REMEMBER TO ADD HEADERS)

```
<ProductGetDetailsStockPricingByChannel>
  <ProductId>124001</ProductId>
  <ChannelId>1</ChannelId>
</ProductGetDetailsStockPricingByChannel>
```

EXAMPLE RESPONSE

```
<ProductGetDetailsStockPricingByChannelResponse>
  <ProductGetDetailsStockPricingByChannelResult>
    <Products>
      <Product>
        <ProductId>124001</ProductId>
        <SKU>D124001</SKU>
        <Code>ww1123</Code>
        <Description>Marco Polo Shirt</Description>
        <BrandId>1</BrandId>
        <SizeId>1</SizeId>
        <ColourId>1</ColourId>
        <SeasonId>4</SeasonId>
        <ProductId>3</ProductId>
        <Freight>0.0000</Freight>
        <Weight>1.0000</Weight>
        <LastUpdated>2014-03-05T18:04:55.93+10:00</LastUpdated>
        <StockAvailable>45</StockAvailable>
        <StockOnHand>55</StockOnHand>
        <StockOnOrder>11</StockOnOrder>
        <ManageStock>1</ManageStock>
        <MasterPOSPrice>45.45</MasterPOSPrice>
        <RRP>49.90</RRP>
        <DefaultPrice>25.00</DefaultPrice>
        <DiscountedPrice>25.00</DiscountedPrice>
        <CustomerDiscountedPrice>25.00</CustomerDiscountedPrice>
        <TaxRate>0.1000</TaxRate>
        <Taxable>1</Taxable>
        <ChannelId>1</ChannelId>
      </Product>
    </Products>
  </ProductGetDetailsStockPricingByChannelResult>
</ProductGetDetailsStockPricingByChannelResponse>
```

PRODUCTGETETADATEBYCHANNEL

OVERVIEW

Returns XML format data on demand containing the ETA for a specific product. ETA is derived from the Order of Sourcing Priority in the Source Group definition, any Purchase Orders in the Status "On Order" and any available stock in the fulfilment outlet.

WARNING: This is a highly complex operation and will use considerable amounts of resource to generate the request. Please use this request sparingly and limit the number of calls and the size of the product query collection.

PARAMETERS

Name	Type	Description
RequestXML	String	Collection of products to get ETA dates for (allows for more than 1 per call)
ChannelId	Integer	The ID corresponding to the Sales Channel you are connecting to

PRODUCTS > PRODUCT XML

Name	Type	Description
ProductId	Integer	Retail Express Product identifier
QtyOrdered	Integer	The order quantity you want to get an ETA for. If you enforce a minimum stock level on your web store, please add that to this number eg- ETA for 2 items + Min Stock Level of 10 = 12 Qty

RETURN VALUE

Name	Type	Description
ProductId	Integer	Retail Express Product identifier
QtyOrdered	Integer	Your requested quantity
ETA	Datetime	Date you can expect the goods

EXAMPLE REQUEST (REMEMBER TO ADD HEADERS)

```
<ProductGetETADateByChannel>
  <ChannelId>1</ChannelId>
  <RequestXML>
    <![CDATA[
      <Products>
        <Product>
          <ProductID>124001</ProductID>
          <QtyOrdered>10</QtyOrdered>
        </Product>
      </Products>
    ]]>
  </RequestXML>
</ProductGetETADateByChannel>
```

EXAMPLE RESPONSE

```
<Response>
  <Products>
    <Product>
      <ProductID>124001</ProductID>
      <QtyOrdered>10</QtyOrdered>
      <ETA>2014-03-05T00:00:00+10:00</ETA>
    </Product>
  </Products>
</Response>
```


OVERVIEW

Returns XML format data on demand containing all customer information. This should be queried on login to obtain the correct price group and to ascertain whether this is an account customer.

PARAMETERS

Name	Type	Description
CustomerId	Integer	Retail Express customer identifier
LastUpdated	Datetime	Date and time since the record was last updated (used to reduce the amount of data you are waiting on as you can store this in your web store and pass this in so you are only updating records that have actually changed)
OnlyCustomersWithEmails	Bit	Whether to return customers that do not have email addresses

RETURN VALUE

CUSTOMER XML LIST:

Name	Type	Description
CustomerId	Integer	Customer account number in Retail Express, if blank a new customer is created
Password*	String	If creating new customer, you must specify the password. Ignored if existing customer
BillFirstName*	String	Billing first name
BillLastName*	String	Billing last name
BillAddress	String	Billing address line 1
BillAddress2	String	Billing address line 1
BillCompany	String	Billing company
BillABN	String	Billing company ABN
BillWebsite	String	Address of billing contact website
BillMobile	String	Billing mobile phone contact
BillFax	String	Billing Fax number
BillPhone	String	Billing landline phone contact
BillPostCode	String	Billing postal code/ zip code
BillState	String	Billing state
BillSuburb	String	Billing suburb
BillCountry	String	Billing country
BillEmail*	String	Billing email
DelName	String	Delivery name
DelAddress*	String	Delivery address line 1
DelAddress2	String	Delivery address line 2
DelCompany	String	Delivery company
DelMobile	String	Delivery mobile phone contact
DelPhone	String	Delivery landline phone contact
DelPostCode*	String	Delivery postal code/ zip code
DelSuburb*	String	Delivery suburb
DelState*	String	Delivery state
DelCountry	String	Delivery country
CustomReference	String	Custom reference field for retailer to use as they please
PriceGroupId	Integer	Retail Express price group identifier, blank if default price
CreditLimit	Decimal	Total account credit limit for purchases
RemainingCredit	Decimal	Total credit left for purchases
IsAccountCustomer	Bit	Whether customer can make purchases using 'on account'
ReceivesNews*	Bit	Whether the customer is opted in to newsletters
LastUpdated	Datetime	Most recent update date

EXAMPLE REQUEST (REMEMBER TO ADD HEADERS)

```
<ProductGetETADateByChannel>
  <ChannelId>1</ChannelId>
  <RequestXML>
    <![CDATA[
      <Products>
        <Product>
          <ProductID>124001</ProductID>
          <QtyOrdered>10</QtyOrdered>
        </Product>
      </Products>
    ]]>
  </RequestXML>
</ProductGetETADateByChannel>
```

EXAMPLE RESPONSE

```
<Customers>
  <Customer>
    <CustomerId>300000</CustomerId>
    <Password />
    <BillFirstName>Retail</BillFirstName>
    <BillLastName>Testing</BillLastName>
    <BillCompany />
    <BillABN />
    <BillEmail>testing2@test.com</BillEmail>
    <BillPhone>1300732618</BillPhone>
    <BillFax />
    <BillMobile />
    <BillAddress>192 Ann St</BillAddress>
    <BillAddress2 />
    <BillSuburb>Brisbane</BillSuburb>
    <BillState>Queensland</BillState>
    <BillPostCode>4000</BillPostCode>
    <BillCountry>Australia</BillCountry>
    <DelName>Retail Testing</DelName>
    <DelAddress />
    <DelAddress2 />
    <DelCompany />
    <DelMobile />
    <DelPhone>1300732618</DelPhone>
    <DelPostCode>4000</DelPostCode>
    <DelSuburb>Brisbane</DelSuburb>
    <DelState>Queensland</DelState>
    <DelCountry>Australia</DelCountry>
    <CustomReference />
    <PriceGroupId>4</PriceGroupId>
    <PriceGroupName>VIP</PriceGroupName>
    <IsAccountCustomer>0</IsAccountCustomer>
    <ReceivesNews>0</ReceivesNews>
    <LastUpdated>2014-03-03T16:52:12.197+10:00</LastUpdated>
  </Customer>
</Customers>
```

OVERVIEW

Returns XML format data on demand containing all orders a customer has placed with the retailer. The orders that originated in your e-commerce web store should be updated by this call when a customer goes to view their order history. In store order history is not synchronised and is to be separated on its own tab.

PARAMETERS

Name	Type	Description
CustomerId*	Integer	Retail Express customer identifier (only orders for that customer are returned)
WebOrdersOnly	Bit	Whether to return 'instore' orders with the web orders.
ChannelId	Integer	Only returns orders for the channel that was specified

RETURN VALUE

ORDERS XML LIST:

Name	Type	Description
OrderId	String	Retail Express Order identifier
DateCreated	Date	Date of transaction
OrderTotal	Decimal	Total sales value of the order
FreightTotal	Decimal	Total including tax of freight to apply in local outlet currency
OrderStatus	String	Current status of the order (Processed/ Awaiting Payment)
OutletName	String	Name of outlet order is allocated to
PublicComments	String	Public comments
PrivateComments	String	Private comments
CustomerId	Integer	Customer account number in Retail Express
BillName	String	Billing name
BillAddress	String	Billing address line 1
BillAddress2	String	Billing address line 1
BillCompany	String	Billing company
BillMobile	String	Billing mobile phone contact
BillPhone	String	Billing landline phone contact
BillPostCode	String	Billing postal code/ zip code
BillState	String	Billing state
BillSuburb	String	Billing suburb
BillCountry	String	Billing country
BillEmail	String	Billing email
DelName	String	Delivery name
DelAddress	String	Delivery address line 1
DelAddress2	String	Delivery address line 2
DelCompany	String	Delivery company
DelMobile	String	Delivery mobile phone contact
DelPhone	String	Delivery landline phone contact
DelPostCode	String	Delivery postal code/ zip code
DelSuburb	String	Delivery suburb
DelState	String	Delivery State
DelCountry	String	Delivery country
CustomerPONumber	String	Customer purchase order number (if applicable). This is stored against the order not the customer.
CustomReference	String	Custom reference field for retailer to use as they please. This is stored against the customer not the order.
LastUpdated	Datetime	Most recent update date- to match with your e-commerce web store last synchronisation
ChannelId	Integer	The sales channel this sale was created on

ORDERDETAILS XML LIST:

Name	Type	Description
OrderId	String	Retail Express Order Identifier
OrderItemId	Integer	Retail Express specific order item identifier, must be stored in your e-commerce web store for sync
ProductId	Integer	Retail Express Product identifier
QtyOrdered	Integer	Quantity of product ordered
QtyFulfilled	Integer	Quantity of product currently fulfilled to the customer
UnitPrice	Decimal	Individual price of product in this sale
DeliveryDueDate	Datetime	Due date for delivery

FULFILLMENT XML LIST:

Name	Type	Description
OrderId	String	Retail Express order item identifier.
OrderItemId	Integer	Retail Express specific order item identifier, must be stored in your e-commerce web store for sync
DateFulfilled	Datetime	Date of fulfilment/ shipment
QtyFulfilled	Integer	Quantity of product fulfilled in this shipment

PAYMENTS XML LIST:

Name	Type	Description
OrderId	String	Retail Express Order Identifier
MethodId	Integer	Payment method type
Payment	Money	Payment Amount
DateCreated	DateTime	Payment timestamp

SCHEMA DEFINITION

```

<xs:schema id="Orders" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:msdata="urn:schemas-microsoft-com:xml-msdata">
  <xs:element name="Orders" msdata:IsDataSet="true" msdata:UseCurrentLocale="true">
    <xs:complexType>
      <xs:choice minOccurs="0" maxOccurs="unbounded">
        <xs:element name="Order">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="OrderId" type="xs:string" minOccurs="0"/>
              <xs:element name="DateCreated" type="xs:dateTime" minOccurs="0"/>
              <xs:element name="OrderTotal" type="xs:decimal" minOccurs="0"/>
              <xs:element name="FreightTotal" type="xs:decimal" minOccurs="0"/>
              <xs:element name="OrderStatus" type="xs:string" minOccurs="0"/>
              <xs:element name="OutletName" type="xs:string" minOccurs="0"/>
              <xs:element name="PublicComments" type="xs:string" minOccurs="0"/>
              <xs:element name="PrivateComments" type="xs:string" minOccurs="0"/>
              <xs:element name="CustomerId" type="xs:int" minOccurs="0"/>
              <xs:element name="CustomerEmail" type="xs:string" minOccurs="0"/>
              <xs:element name="BillName" type="xs:string" minOccurs="0"/>
              <xs:element name="BillAddress" type="xs:string" minOccurs="0"/>
              <xs:element name="BillAddress2" type="xs:string" minOccurs="0"/>
              <xs:element name="BillCompany" type="xs:string" minOccurs="0"/>
              <xs:element name="BillMobile" type="xs:string" minOccurs="0"/>
              <xs:element name="BillPhone" type="xs:string" minOccurs="0"/>
              <xs:element name="BillPostCode" type="xs:string" minOccurs="0"/>
              <xs:element name="BillSuburb" type="xs:string" minOccurs="0"/>
              <xs:element name="BillState" type="xs:string" minOccurs="0"/>
              <xs:element name="BillCountry" type="xs:string" minOccurs="0"/>
              <xs:element name="BillEmail" type="xs:string" minOccurs="0"/>
              <xs:element name="DelName" type="xs:string" minOccurs="0"/>
              <xs:element name="DelAddress" type="xs:string" minOccurs="0"/>
              <xs:element name="DelAddress2" type="xs:string" minOccurs="0"/>
              <xs:element name="DelCompany" type="xs:string" minOccurs="0"/>
              <xs:element name="DelMobile" type="xs:string" minOccurs="0"/>
              <xs:element name="DelPhone" type="xs:string" minOccurs="0"/>
              <xs:element name="DelPostCode" type="xs:string" minOccurs="0"/>
              <xs:element name="DelSuburb" type="xs:string" minOccurs="0"/>
              <xs:element name="DelState" type="xs:string" minOccurs="0"/>
              <xs:element name="DelCountry" type="xs:string" minOccurs="0"/>
              <xs:element name="CustomerPONumber" type="xs:string" minOccurs="0"/>
              <xs:element name="LastUpdated" type="xs:dateTime" minOccurs="0"/>
              <xs:element name="CustomReference" type="xs:string" minOccurs="0"/>
              <xs:element name="ChannelId" type="xs:int" minOccurs="0"/>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="OrderDetail">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="OrderId" type="xs:string" minOccurs="0"/>
              <xs:element name="OrderItemId" type="xs:int" minOccurs="0"/>
              <xs:element name="ProductId" type="xs:int" minOccurs="0"/>
              <xs:element name="Description" type="xs:string" minOccurs="0"/>
              <xs:element name="QtyOrdered" type="xs:int" minOccurs="0"/>
              <xs:element name="QtyFulfilled" type="xs:int" minOccurs="0"/>
              <xs:element name="UnitPrice" type="xs:decimal" minOccurs="0"/>
              <xs:element name="DeliveryDueDate" type="xs:dateTime" minOccurs="0"/>
              <xs:element name="Notes" type="xs:string" minOccurs="0"/>
              <xs:element name="DeliveryDriverID" type="xs:int" minOccurs="0"/>
              <xs:element name="DeliveryDriverName" type="xs:string" minOccurs="0"/>
              <xs:element name="ETA" type="xs:dateTime" minOccurs="0"/>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="OrderFulfillment">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="OrderId" type="xs:string" minOccurs="0"/>
              <xs:element name="OrderItemId" type="xs:int" minOccurs="0"/>
              <xs:element name="DateFulfilled" type="xs:dateTime" minOccurs="0"/>
              <xs:element name="QtyFulfilled" type="xs:int" minOccurs="0"/>
              <xs:element name="FulfilmentOutletID" type="xs:int" minOccurs="0"/>
              <xs:element name="FulfilmentOutletName" type="xs:string" minOccurs="0"/>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="OrderPayments">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="MethodId" type="xs:int" minOccurs="0"/>
              <xs:element name="Payment" type="xs:decimal" minOccurs="0"/>
              <xs:element name="OrderId" type="xs:string" minOccurs="0"/>
              <xs:element name="DateCreated" type="xs:dateTime" minOccurs="0"/>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
      </xs:choice>
    </xs:complexType>
  </xs:element>
</xs:schema>

```

OVERVIEW

Called on demand at to confirm a voucher balance before submitting it for payment. This is typically completed on the checkout of your e-commerce web store. If there is a valid balance, then your e-commerce web store should display it is ok to use.

PARAMETERS

Name	Type	Description
VoucherCode	String	Retail Express voucher code created from within the POS system

RETURN VALUE

PRICE GROUP XML LIST:

Name	Type	Description
Amount	Decimal	Value remaining on voucher in local currency including local tax

ORDER OF SOURCE GROUP PRIORITY SUMMARY

This section details how the Source Group Priority logic works when using more than one outlet in your Source Groups and enabling Source Group priority.

For more information on Source Groups, please watch this video: [Source Groups](#)

Important: If the order quantity makes the available stock go into negatives waiting on ITO transfers then the product will not be available online once synchronised until the ITOs are processed.

A. THE FULFILMENT LOCATION – IF FULFILMENT LOCATION IS PART OF SOURCE GROUP

100. If enough stock **available** (excluding the 'Qty for Item's Status to become Out of Stock') in the fulfillment location to fill the order then allocate to fulfillment outlet
101. If there's some stock available but not the full amount then allocate the available stock anyway without over committing stock

B. THE FULFILMENT LOCATION – IF FULFILMENT LOCATION IS PART OF SOURCE GROUP AND PO ARRIVING <= PO THRESHOLD

With the remaining order Qty

100. If enough stock **on order** in the fulfillment outlet, and the PO coming in <= PO threshold (7 days) then allocate at fulfillment outlet and do not create ITOs **order** (the available on order quantity allowed to be allocated is calculated by adding the on order quantity from the PO to the available quantity (if the available is a negative), this figure is what can be allocated to the order)
101. If there's not enough stock from the on order quantity then allocate the on order stock first anyway without over committing stock

*this prioritization of the fulfillment outlet as the first place to source stock from only applies in the above first round of calculations. After this point, the fulfillment outlet returns to its defined order of priority.

C. SOURCE GROUP OUTLETS – AVAILABLE STOCK

With the remaining order Qty

100. If enough stock **available** (excluding the 'Qty for Item's Status to become Out of Stock') at the first listed source group whether this is the fulfillment outlet or not then allocate the available stock up to the remaining order qty. Create an ITO from this outlet to the fulfillment outlet (assuming this is not already the fulfillment outlet) for the amount allocated.
101. If there's not enough stock available at the first listed source group whether this is the fulfillment outlet or not, but if there's some, allocate what stock is available anyway without over committing stock

D. SOURCE GROUP OUTLETS – PO ARRIVING <= PO THRESHOLD

With the remaining order Qty

100. If enough stock **on order** arriving on a PO <= the PO threshold at the first listed source group whether this is the fulfillment outlet or not then allocate the on order stock up to the remaining order qty. Create an ITO from this outlet to the fulfillment outlet (assuming this is not already the fulfillment outlet) for the amount allocated (the available on order quantity allowed to be allocated is calculated by adding the on order quantity from the PO to the available quantity (if the available is a negative), this figure is what can be allocated to the order)

E. SOURCE GROUP OUTLETS – NEXT PRIORITY, AVAILABLE STOCK

With the next outlet in the source group ordered by priority, repeat Step C for any remaining quantity

F. SOURCE GROUP OUTLETS – NEXT PRIORITY, PO ARRIVING <= PO THRESHOLD

With the next outlet in the source group ordered by priority, repeat Step D for any remaining quantity

G. SOURCE GROUP OUTLETS – PO ARRIVING > PO THRESHOLD

With the remaining order Qty

Start again at the top of the source group priority.

101. If enough stock **on order** at this outlet then allocate the on order stock up to the remaining order qty. Create an ITO from this outlet to the fulfillment outlet (assuming this is not already the fulfillment outlet) for the amount allocated

Remembering that; the available on order quantity allowed to be allocated is calculated by adding the on order quantity from the PO to the available quantity (if the available is a negative); this figure is what can be allocated to the order

H. SOURCE GROUP OUTLETS – NEXT PRIORITY, PO ARRIVING > PO THRESHOLD

With the next outlet in the source group ordered by priority, repeat Step 7 for any remaining quantity

I. INSUFFICIENT STOCK

This scenario should only occur if the product is set to prevent disabling / do not manage stock.

- a) Apply remaining Qty against the first outlet in the source group as per the original priority defined irrespective of the fulfillment outlet.

CONFIGURE AN "ADMIN" USER ACCOUNT FOR AUTHENTICATION

As the Web Service integrates with Retail Express to create sales orders, take payments and handle detailed product information, it needs a user login to your Retail Express to perform these tasks.

1. Log in to your Retail Express
2. From the menu, go to Staff > Users
3. Enter the details for a new user as illustrated below. The user code, first name, surname, password, profile etc. can be whatever you like however the key point here is that the user must have the "Admin User" checkbox ticked and that they have all outlets highlighted.

User Details		Outlet Access List	
Code	<input type="text" value="web"/>	All	Brisbane
First Name	<input type="text" value="Online"/>	Australia	Hobart
Surname	<input type="text" value="Purchase"/>	New Zealand	Melbourne
Password (10 char max)	<input type="text" value="ea21m0do2z"/>		Perth
Profile	<input type="text" value="Administrator"/>		Sydney
Admin User	<input checked="" type="checkbox"/>		
Days Off	<input type="text"/>		
<input type="button" value="Insert"/> <input type="button" value="Cancel"/>			

4. Now click "Insert" to create the new user. All sales created by your Web Store will be credited to this user as the Sales Person

SPECIFY OUTLET(S) TO CREATE SALES IN AND RECEIVE STOCK FROM

Retail Express uses functions called Sales Channels to determine which Outlet Web Store sales will be made in (which also controls which Outlet the prices will be based off for the Web Store) and Source Groups to determine which Outlets the Stock can be sourced from.

Once you have set up the Sales Channels and Source Groups, you need to specify on a product-by-product basis which Source Group they belong to within each Sales Channel, and this can be done manually within Retail Express or on mass by using the product Mass Download and Product mass Upload functions of Retail Express.

This means that if you were to have multiple Web Stores connected to Retail Express you could control which Outlet to make sales in for each Web Store separately by having a Sales Channel per Web Store, with each product able to be sourced from any Outlet you choose for each integrated Web Store.

For full instructions on the configuration of Sales Channels and Source Groups within Retail Express, please refer to the following instructional video guides and then perform the necessary configuration within Retail Express.

- [Sales Channels](#)
- [Source Groups](#)

ORDER OF PRICING PRIORITY

Below is the order of pricing priority for the calculated pricing fields "DefaultPrice" and "DiscountedPrice" . If the first condition is not met, then it will try the next condition in the order they are displayed below until it finds a condition that your product meets and returns that price.

For information on Customer Specific Pricing, please refer to the video help topics titled "Customer Discount Setup And Price Groups" in the Retail Express video help.

No Customer Specific Pricing

1. If there's a Web Price for the product, use this price
2. If there's a Discount Price specified for the product at the outlet that has been set to 'Base Web Pricing on this Outlet', and it is within a valid date range, use this price however make sure it is not discounted past the Maximum Discount Rules imposed for the product (if any)
3. If there's an Outlet POS Price specified for the product at the outlet that has been set to 'Base Web Pricing on this Outlet', use this price
4. If there's a Master Discount Price specified for the product, and it is within a valid date range, use this price however make sure it is not discounted past the Maximum Discount Rules imposed for the product (if any)
5. Use the Master POS Price

When the Customer Belongs to a Price Group of Sell Price Minus an Amount/ Percentage

1. If the product has a Price Group rule, use this price however make sure it is not discounted past the Maximum Discount Rules imposed for the product (if any)
2. If there's a Web Price for the product, use this price minus the amount/ percentage determined by the Price Group however make sure it is not discounted past the Maximum Discount Rules imposed for the product (if any)
3. If there's a Discount Price specified for the product at the outlet that has been set to 'Base Web Pricing on this Outlet', and it is within a valid date range, use this price minus the amount/ percentage determined by the Price Group however make sure it is not discounted past the Maximum Discount Rules imposed for the product (if any)
4. If there's an Outlet POS Price specified for the product at the outlet that has been set to 'Base Web Pricing on this Outlet', use this price minus the amount/ percentage determined by the Price Group however make sure it is not discounted past the Maximum Discount Rules imposed for the product (if any)
5. If there's a Master Discount Price specified for the product, and it is within a valid date range, use this price minus the amount/ percentage determined by the Price Group however make sure it is not discounted past the Maximum Discount Rules imposed for the product (if any)
6. Use the Master POS Price minus the amount/ percentage determined by the Price Group however make sure it is not discounted past the Maximum Discount Rules imposed for the product (if any)

When the Customer Belongs to a Price Group of Buy Price Plus an Amount/ Percentage

1. If the product has a Price Group rule, use this price however make sure it is not discounted past the Maximum Discount Rules imposed for the product (if any)
2. If there's an Outlet Buy Price specified for the product at the outlet that has been set to 'Base Web Pricing on this Outlet', use this price plus the amount/ percentage determined by the Price Group however make sure it is not discounted past the Maximum Discount Rules imposed for the product (if any)
3. Use the Master Weight Average Buy Price plus the amount/ percentage determined by the Price Group however make sure it is not discounted past the Maximum Discount Rules imposed for the product (if any)

ENABLE PRODUCTS FOR WEB SALE

Any product you want to be available to your Web Service must be set to "Export To Web Service". This is the minimum requirement for a product to be visible to the Web Service.

You can set whether to share a product with your Web Store both individually or using the Mass Download / Upload Excel method.

SETTING AN INDIVIDUAL PRODUCT TO BE VISIBLE TO THE WEB SERVICE

To enable an individual product to be shared with your Web Store, please follow the below steps:

1. Log in to your Retail Express
2. From the top bar enter in the Product PLU in the "PLU Lookup..." box and then press the "Enter" key on your keyboard to directly edit that product

Or

From the top bar in the Quick Links, choose "Product Search & Management" from the drop down to be taken to the search page where you can search for your product then press the [E] edit icon to edit into that product **Or**

From the menu, go to Inventory > Product Search & Management, search for your product then press the [E] edit icon to edit into that product **Or**

For a brand new product, from the menu, go to Inventory > Create a Product and fill in all the mandatory fields as you would any new product

3. From the "Main" tab, look for the option titled "Export to Web Service" and tick the checkbox to the right of this option

The screenshot shows a configuration window titled "Web Service". At the top, there is a section for "Export To Web Service" with a checked checkbox. Below this, there are two columns: "Default Channel" and "Default Group". On the left side, there is a section labeled "Source Groups".

4. Assign to a Channel and a Source Group combination that you are using
5. Now click the "Update" button to apply this change.

SETTING MULTIPLE PRODUCTS TO BE VISIBLE TO THE WEB SERVICE

Please refer to the video titled "Create products via Mass Upload in Excel" from the Retail Express video help for more information on using Mass Upload and Mass Download to make bulk changes to your products.

There's a column called ExportToWSI which performs the same function as the above mentioned "Export to Web Service" checkbox. You will also need to assign to a Channel and Source Group in the columns provided.

GROUPING MATRIX PRODUCTS TO HAVE SIZE/ COLOUR/ SEASON

If you have matrix products such as a t-shirt that comes in different sizes and colours, and you group them as per the instructions below, you needn't make multiple calls on the single get routines. Instead, the Web Service will return all products that belong in the group so you can update stock and pricing for all variations of a single product in one call.

Products are grouped by entering the same Style Code into each product size/ colour variation- which is entered into the Manufacturer SKU field of your product. All products that share the same Style Code but with different Sizes and Colours, are assumed to be the variations of the one style. This will result in the product only appearing once on your web store but with drop down selections for Size and Colour.



Style: a1000
Colour: Blue
Sizes: Small, Medium, Large



Style: a1000
Colour: Orange
Sizes: Small, Medium, Large



Style: a1001
Colour: Black/ Red
Sizes: Small, Medium, Large

In the above example, Style "a1000" is a plain polo shirt that comes in "Blue" and "Orange". It also comes in 3 sizes in each colour ("Small", "Medium", "Large").

Style "a1001" is a different polo shirt style. It comes in "Red with Black" on the one garment. It does not come in any other colour combinations.

To have style "a1000" appear grouped with the Sizes and Colours in a drop down, simply specify the same style "a1000" for both the Blue and Orange variants in the Manufacturer SKU of each product.

EXAMPLE INVENTORY IN RETAIL EXPRESS:

Manufacturer SKU (1)	Supplier SKU (2)	Short Description (3)	Size (4)	Colour (5)
a1000	P100	Plain Polo Shirt	S	Blue
a1000	P101	Plain Polo Shirt	M	Blue
a1000	P102	Plain Polo Shirt	L	Blue
a1000	P103	Plain Polo Shirt	S	Orange
a1000	P104	Plain Polo Shirt	M	Orange
a1000	P105	Plain Polo Shirt	L	Orange
a1001	P106	Panel Polo Shirt	S	Red/ Black
a1001	P107	Panel Polo Shirt	M	Red/ Black
a1001	P108	Panel Polo Shirt	L	Red/ Black

1) Manufacturer SKU

The style number "a1000" and "a10001" has been entered into the Manufacturer SKU column. Notice how all the "Plain Polo Shirt" products have the same style number- This is how the system knows that they are all size/ colour variations of the one style.

2) Supplier SKU

Each product still has a unique Supplier SKU as this is a mandatory requirement.

3) Short Description

The description has been populated for each inventory item. This is to assist you in the Retail Express Administration Console when ordering your product so you can see what it is. This field is mandatory and must not be left blank. You can simply repeat the description for each product that is in the group.

4) Size

Each size variation of a product must have its own row. Because the Blue polo shirts come in Small, Medium, and Large, simply repeat the Blue polo shirt information for each size remembering to keep the style code/ Manufacturer SKU the same for each variation however the supplier SKU must be different for each product variation. The same applies for the Orange polo shirts.

4) Colour

Each colour variation of a product must have its own row. Because we have 2 different colours of the a1000 polo shirt, simply repeat the polo shirt information for each colour remembering to keep the style code/ Manufacturer SKU the same for each variation however the Supplier SKU must be different for each variation. Once you have finished with the a1000 polo shirt style, you can move on to the next style and create the colour/ size variation for it.



SMARTWOOL SYNERGY JACKET

[Email to a Friend](#)

[Be the first to review this product](#)

\$89.00

Availability: In stock

[Add to Wishlist](#)

[Add to Compare](#)

QUICK OVERVIEW

Warm, stylish and available in a range of colours and sizes, the Smartwool Synergy Jacket is perfect for an active lifestyle.

MORE VIEWS



Colour*

-- Please Select --

Size*

-- Please Select --

* Required Fields

\$89.00 Qty:

VERSION 2.0

- Added new Sales Channel separation so that stock from one Retail Express database can be connected to multiple Magento databases.
- Added Source Group separation that allows you to specify the order of stock sourcing across your outlets. Previously you would select one primary outlet and which outlets you want to add toward your total stock count, but all the stock would be deducted from the primary outlet putting the stock in that outlet into negative. Now you can elect which outlet you want the order to come into and elect to have automatic stock transfers generated to send from your other outlets to your fulfilment outlet.
- Added support for Fulfilment Outlet (license required) to offer click and collect functionality
- Added ability to get a list of outlets in Retail Express that belong to the Source Groups associated with the Sales Channel
- Added ability to get a stock ETA based on the Order Of Source Group Priority factoring in purchase orders, supplier lead time and stock in other stores
- Additional fields across multiple methods
- Added new methods:
 - OUTLETSGETBYCHANNEL
 - ORDERSGETHISTORYBYCHANNEL
 - PRODUCTSGETBULKDETAILSBYCHANNEL
 - PRODUCTSGETBULKDETAILSEXTENDEDBYCHANNEL
 - WEBORDERGETBULKFULFILMENTBYCHANNEL
 - PRODUCTSGETDETAILSSTOCKPRICINGBYCHANNEL
 - PRODUCTGETETADATEBYCHANNEL
 - ORDERCREATEBYCHANNEL
- Deprecated methods
 - ORDERCREATE
 - ORDERSGETHISTORY
 - PRODUCTGETDETAILSSTOCKPRICING
 - PRODUCTSGETBULKDETAILS
 - PRODUCTSGETBULKDETAILSEXTENDED
 - WEBORDERGETBULKFULFILMENT

DEPRECATED METHODS

The following methods have been deprecated and are no longer supported by technical support. After a period of time they will no longer be updated or maintained and will cease to exist.

- ORDERCREATE
- ORDERSGETHISTORY
- PRODUCTGETDETAILSSTOCKPRICING
- PRODUCTSGETBULKDETAILS
- PRODUCTSGETBULKDETAILSEXTENDED
- WEBORDERGETBULKFULFILMENT