Contents

API Documentation

September 27, 2017
9:27 AM
URLs:
Test:
https://api-nri.test.aspiresuite.com/api/v1/
https://api-nrius.test.aspiresuite.com/api/v1/

Production:
https://api-nri.aspiresuite.com/api/v1/
https://api-nrius.aspiresuite.com/api/v1/

Note:
API can return and accept both JSON and XML, based off of the accept or content header. All examples provided will be in JSON.
The API uses url versioning, currently v1 and v2 are in use.

Authentication:
Authentication is done with via basic authentication. The authentication string consists of a base 64 encoded client name:api key pair.
The client name is used solely for error messages and can be anything.
The api key must be provided and is used to authenticate the request and identify the client. It will be provided by the CSC (Client maintenance, API Keys tab).
If the authentication header is malformed, incorrect, or not provided, a 401 error will be returned by the server.

Enumeration Values

```
''' <summary>
''' UOM type for dimensions.
''' </summary>
Public Enum DimensionUomType
    Blank = 0
    Millimeters = 4
    Inches = 5
    Centimeters = 6
    Meters = 7
    Feet = 8
End Enum


''' <summary>
''' UOM type for weight.
''' </summary>
Public Enum WeightUomType
    Blank = 0
    Ounces = 1
    Kilograms = 2
    Pounds = 3
End Enum


''' <summary>
''' Optional methods for adjusting customer freight charges.
''' </summary>
Public Enum CustomerFreightChargeOption
    Blank = 0
    Fixed_Amount = 1
    Percentage = 2
    Ship_Express_Charge_Ground = 3
End Enum


''' <summary>
''' Indicates whether the shipper requires proof of delivery by the carrier.
''' </summary>
Public Enum ProofOfDeliveryOption
    Blank = 0
    Proof_Of_Delivery = 10
    Chain_Of_Signatures = 11
    Signature_Required = 18
    Proof_Of_Identity = 19
    Proof_Of_Age_18 = 20
    Proof_Of_Age_19 = 21
    Adult_Signature_Required = 31
```

```vb
    Adult_Proof_Of_Identity = 32
End Enum

''' <summary>
''' Retailer Types used on customers.
''' </summary>
Public Enum RetailerType
    Blank = 0
    Forzani = 1
    Nordstrom = 2
    Olympia_Sports = 3
    Amazon = 4
    Zappos = 5
    Pacific_Sunwear = 6
    CCS = 7
    Back_Country = 8
    Designer_Shoe_Warehouse = 9
    Foot_Locker = 10
    Journeys = 11
    Zumiez = 12
    Dillards = 13
    Shoe_Carnival = 14
    Generic_SSCC = 15
    Dicks_Sporting_Goods = 16
    Bobs_Stores = 17
    Shoe_Sensation = 18
    Recreational_Equipment = 19
    Scheels_All_Sports = 20
    Sport_Chalet = 21
    Retail_Concepts = 22
    Macys = 23
    Bloomingdales = 24
    Burlington_Coat_Factory = 25
    Urban_Outfitters = 26
    Marks_Work_Wearhouse = 27
    Hudsons_Bay = 28
    LLBean = 29
    Gander_Mountain = 30
    Steeles = 31
    Generic = 32
    Sears_Canada = 33
    Quiksilver = 34
    Bloomingdales_com = 35
    Altrec = 36
    Von_Maur = 37
    Town_Shoes = 38
    Winners = 39
    Bass_Pro_Shops = 40
```

Golfsmith_International = 41
Arlies_Sport_Shop_Downtown = 42
Nordstrom_Drop_Ship = 43
Best_Buy = 44
Target_Canada = 45
Saks_Fifth_Avenue = 46
Big_5_Sporting_Goods = 47
Apple = 48
Sportsmans_Warehouse = 49
Eastern_Mountain_Sports = 50
Technosport = 51
HauteLook = 52
Indigo_Books = 53
Moosejaw = 54
Neiman_Marcus = 55
Alphabroder = 56
Sports_Authority = 57
Kohls = 58
Loblaws = 59
Academy = 60
Sporting_Life = 61
Hudson_Group = 62
Target_USA = 63
Hotel_Hershey = 64
Barnes_and_Noble = 65
National_Sports = 66
Generic_GBG = 67
Acacia = 68
Borderfree = 69
Live_Out_There = 70
Pro_Hockey_Life = 71
Bed_Bath_And_Beyond = 72
Cabela = 73
Boscovs = 74
Mills_Fleet_Farm = 75
Zulily = 76
Mason_Shoe_Company = 77
Blue_Stem = 78
Shoe_Show = 79
Famous_Footwear = 80
Sportsmans_Guide = 81
Shoe_Buy = 82
Lowes = 83
Off_Broadway = 84
Destination_XL = 85
Rack_Room = 86
JC_Penney = 87
JC_Penney_Catalogue = 88

Walmart = 89
Meijer = 90
Stage_Stores = 91
Shopko = 92
New_Balance_Factory = 93
Finish_Line_USA = 94
Famous_Footwear_com = 95
Perry_Ellis = 96
Blair_Corporation = 97
New_Balance_com = 98
Sun_And_Ski = 99
Mountain_Equipment_Co_op_EDI = 100
Little_Burgundy = 101
Champs = 102
Golf_Galaxy = 103
Dicks_Sporting_Goods_Drop_Ship = 104
Golf_Galaxy_Drop_Ship = 105
Amazon_Drop_Ship = 106
Best_Buy_Drop_Ship = 107
Home_Depot_Drop_Ship = 108
Tractor_Supply_Drop_Ship = 109
Destination_XL_Drop_Ship = 110
Perry_Ellis_Drop_Ship = 111
Boot_Barn_Drop_Ship = 112
Shoe_Buy_Drop_Ship = 113
Shoes_com_Drop_Ship = 114
Cabelas_Drop_Ship = 115
Buckle = 116
American_Eagle = 117
Belk = 118
Bon_Ton = 119
Ace_Hardware = 120
Camping_World = 121
True_Value = 122
Lord_And_Taylor = 124
Golf_Town = 125
Grainger = 126
Hibbett_Sports = 127
Cabelas_Canada = 128
Gempler = 129
Global_E = 130
Steel_Toe = 131
Promotive_Drop_Ship = 132
Outdoor_Prolink_Drop_Ship = 133
Winter_Kids = 134
Century_21 = 135
No_Retailer = 136
Army_And_Air_Force_Exchange_Service = 137

Navy_Exchange_Service_Command = 138
Vail_Resort_Retail = 139
Lids_Sports_Group = 140
Generic_Gbg_Alternative = 141
Worldwide_Golf = 142
Professional_Golfers_Association_Tour_Superstore = 143
Backpacks_com_Drop_Ship = 144
FGL_Sports_Franchise = 145
Soft_Moc = 146
Party_City = 147
Steve_Madden = 148
Holt_Renfrew = 149
Altitude_Sports = 150
Fred_Meyer = 151
Cupcakes_And_Cashmere_Drop_Ship = 152
Bealls = 153
Dunham_Sports = 154
Disney_Parks = 155
Marmaxx = 156
Marine_Corp_Exchange = 157
QVC = 158
Foot_Smart_Drop_Ship = 159
Walking_Company_Drop_Ship = 160
West_Marine_Drop_Ship = 161
Sun_And_Ski_Drop_Ship = 162
Walking_Company = 163
US_Coast_Guard_Exchange = 164
West_Marine = 165
Neiman_Marcus_Drop_Ship = 166
Saks_Fifth_Avenue_Drop_Ship = 167
Army_Exchange_Drop_Ship = 168
Gear_Head_Outfitter = 169
Victorias_Secret = 170
Gear_Coop = 171
Stein_Mart = 172
Home_Hardware = 173
REI_Drop_Ship = 174
Group9 = 175
Shoe_Carnival_Drop_Ship = 176
Macys_Drop_Ship = 177
Bloomingdales_Drop_Ship = 178
Peter_Glenn = 179
Peter_Glenn_Drop_Ship = 180
Nordstrom_Canada = 181
Buckmans_Ski_Shop_Drop_Ship = 182
Reitmans = 183
Shoe_Mart_Drop_Ship = 184
Sail = 185

```vb
        World_Wide_Golf_Drop_Ship = 186
        Staples = 187
        Academy_Drop_Ship = 188
        Peavey_Mart = 189
        Everything_But_Water = 190
        Coast_Guard_Drop_Ship = 191
        Staples_Canada = 192
        Tommy_Bahama = 193
        Scheels_Drop_Ship = 194
        Princess_Auto = 195
        Ulta = 196
        Orva = 197
        Govx = 198
        Bandier = 199
        Browns_Shoe = 200
        Zoro_Drop_Ship = 201
        Buy_Buy_Baby = 202
        Nordstrom_DIMS = 203
        Voicecomm = 204
        Amazon_DIMS = 205
        Von_Maur_DIMS = 206
        Urban_Outfitters_DIMS = 207
        Macys_DIMS = 208
        Bloomingdales_DIMS = 209
        Mountain_Equipment_Co_op_Non_EDI = 210
        Stitch_Fix = 211
        HBC_Drop_Ship = 212
        Generic_SSCC_No_Fees = 213
        REI_DS_SSCC = 214
        Nordstrom_Rack_Com_DIMS = 215
        Target_Drop_Ship = 216
        Costco_Drop_Ship = 217
        Bomgaars = 218
        Bergdorf_Drop_Ship = 219
        Belk_Drop_Ship = 220
        Wrangler_DIMS = 221
        Davids_Bridal_DIMS = 222
    End Enum

    ''' <summary>
    ''' Retailer order types.
    ''' </summary>
    Public Enum RetailerOrderType
        Blank = 0
        Warehouse = 1
        Mark_For_Store = 2
        Direct_To_Store = 3
    End Enum
```

```vb
''' <summary>
''' Retailer line types used on order lines.
''' </summary>
Public Enum RetailerLineType
    Blank
    Preassembled_Prepack = 1
    Regular_Bulk = 2
    Prepack_Component = 3
End Enum

''' <summary>
''' Used to indicate the source of a document.
''' </summary>
Public Enum DocumentDataSource
    Blank = 0
    Manual = 1
    Client_Import = 2
    Extranet = 3
    System_Generated = 4
    BrightPearl_API = 5
    SEOshop_API = 6
    Shopify_API = 7
    WMS_API = 8
    SPS = 9
    Full_Circle_EMU = 10
    Apparel_21 = 11
    GBG = 12
    Data_Masons = 13
    Hubsoft = 14
    WooCommerce_API = 15
    NetSuite_API = 16
    Magento_API = 17
    StitchLabs_API = 18
    ApparelMagic_API = 19
    Blast_Ramp = 20
    Cin7 = 21
    BlueCherry = 22
    TradeGecko = 23
    Shipment_Return_Label = 24
    TrueCommerce = 25
    Spyder_Gbg = 26
    AIMS_360 = 27
    Generic_EDI = 28
    Motion_Water_Sports = 29
    B2B_Gateway = 30
    Samsonite_API = 31
    Sync = 32
```

```vb
      Loop_API = 33
      Manhattan_Associates = 34
      Xorosoft = 35
      Capacity = 36
      DiCentral = 37
      Dynamic365 = 38
      OrderHive_API = 39
      Cin7_API = 40
      Ship_Hero_API = 41
      Ordoro_API = 42
      Cymbio_API = 43
      OMS_US_API = 44
      OMS_CA_API = 45
End Enum

''' <summary>
''' The reason for the cancellation.
''' Currently only used for orders.
''' </summary>
Public Enum CancellationReason
      Blank = 0
      Other = 1
      Client_Request = 2
      No_Stock = 3
      Facility_Move = 4
      Customer_Request = 5
      Partial_Shipment = 6
End Enum

''' <summary>
''' Indicates whether the shipment must be delivered by the carrier during the weekend.
''' </summary>
Public Enum WeekendDeliveryOption
      Blank = 0
      Saturday_Delivery = 16
      Sunday_Delivery = 17
End Enum

''' <summary>
''' Indicates who is going to pay the freight.
''' </summary>
''' <remarks></remarks>
Public Enum FreightTerms
      Prepaid = 0
      Collect = 1
      Third_Party = 2
      Recipient = 3
End Enum
```

```vbnet
''' <summary>
''' System-defined carrier types.
''' </summary>
''' <remarks></remarks>
Public Enum CarrierType
    User_Defined = 0
    Courier = 1
    Intermodal = 2
    LTL = 3
    Rail = 4
    FTL = 5
    Ocean = 6
    Customer_Pickup = 7
    Customer_Dropoff = 8
End Enum
```

Field Length

OrderID uniqueidentifier not null
ClientCode nvarchar(20) not null
OrderNumber int not null
ClientReferenceNumber1 nvarchar(50) not null
ClientReferenceNumber2 nvarchar(50) not null
ClientDivisionCode nvarchar(20) not null
WarehouseCode nvarchar(20) not null
ClientPaymentTermCode nvarchar(20) not null
FreightTermCode nvarchar(20) not null
CarrierCode nvarchar(50) not null
BillToCustomerCode nvarchar(20) not null
BillToName nvarchar(40) not null
BillToAddress1 nvarchar(50) not null
BillToAddress2 nvarchar(50) not null
BillToAddress3 nvarchar(50) not null
BillToCityName nvarchar(40) not null
BillToProvinceCode nvarchar(20) not null
BillToCountryCode nvarchar(20) not null
BillToPostalCode nvarchar(10) not null
BillToIsPOBox bit not null
BillToPhoneNumber nvarchar(15) not null
BillToComment nvarchar(max) not null
ShipToCustomerCode nvarchar(20) not null
ShipToName nvarchar(40) not null
ShipToAddress1 nvarchar(50) not null
ShipToAddress2 nvarchar(50) not null
ShipToAddress3 nvarchar(50) not null
ShipToCityName nvarchar(40) not null
ShipToProvinceCode nvarchar(20) not null
ShipToCountryCode nvarchar(20) not null
ShipToPostalCode nvarchar(10) not null
ShipToIsPOBox bit not null
ShipToPhoneNumber nvarchar(15) not null
ShipToComment nvarchar(max) not null
PurchaseOrderNumber nvarchar(40) not null
PurchaseOrderDate datetime not null
ClientSalesRep nvarchar(40) not null
ClientOrderDate datetime not null
FirstShipDate datetime not null
LastShipDate datetime not null
AllowBackOrder bit not null
IsBackOrder bit not null
MarkFor nvarchar(20) not null
WholeSale bit not null

OrderTotal decimal(18, 2) not null
PickingInstructions nvarchar(max) not null
PackingInstructions nvarchar(max) not null
HandlingInstructions nvarchar(max) not null
ShippingInstructions nvarchar(max) not null
IsPalletizeByPO bit not null
IsAuditCartons bit not null
OrderLinesCount int not null
TotalQuantityOrdered int not null
OrderTypeCode nvarchar(20) not null
Status int not null
VendorNumber nvarchar(20) not null
FOBCode nvarchar(20) not null
BuyingParty nvarchar(50) not null
MarkForName nvarchar(50) not null
CustomerDepartment nvarchar(50) not null
CustomerAttention nvarchar(50) not null
OrderReferenceNumber nvarchar(50) not null
Priority int not null
CarrierExpressRequested bit not null
ImportDate datetime not null
ImportFileName nvarchar(128) not null
BillToAddressHash nvarchar(512) not null
ShipToAddressHash nvarchar(512) not null
IsPreticketing bit not null
IsKitRequired bit not null
ReturnServiceRequired bit not null
BillToRetailerType int not null
ShipToRetailerType int not null
CarrierAccountNumber nvarchar(50) not null
ASNEmailAddress nvarchar(max) not null
ASNFax nvarchar(20) not null
PackBy int not null
DistributionCenterCode nvarchar(20) not null
DistributionCenterName nvarchar(30) not null
BannerCode nvarchar(20) not null
BannerName nvarchar(30) not null
TrackingEmailAddress nvarchar(80) not null
PackingSlipEmailAddress nvarchar(80) not null
CustomerDepartmentName nvarchar(50) not null
CustomerFreightChargeOption int not null
CustomerFreightRate decimal(18, 2) not null
BillToResidential int not null
ShipToResidential int not null
ChangedBillToResidential bit not null
ChangedShipToResidential bit not null
HasXmlData bit not null
CompanyNumber nvarchar(25) null

ProofOfDelivery int not null
RetailerOrderType int not null
CartonContentNote nvarchar(50) not null
PackingSlipComment nvarchar(max) not null
IsMiscellaneousShipment bit not null
PackAndHold bit not null
DataSource int not null
ShipToOriginalName nvarchar(100) not null
ShipToOriginalAddressLine1 nvarchar(100) not null
ShipToOriginalAddressLine2 nvarchar(100) not null
ShipToOriginalAddressLine3 nvarchar(100) not null
ShipToOriginalCityName nvarchar(100) not null
ShipToOriginalProvinceCode nvarchar(100) not null
ShipToOriginalCountryCode nvarchar(100) not null
ShipToOriginalPostalCode nvarchar(100) not null
ShipToOriginalIsPOBox bit not null
ShipToOriginalIsResidential int not null
BillToOriginalName nvarchar(100) not null
BillToOriginalAddressLine1 nvarchar(100) not null
BillToOriginalAddressLine2 nvarchar(100) not null
BillToOriginalAddressLine3 nvarchar(100) not null
BillToOriginalCityName nvarchar(100) not null
BillToOriginalProvinceCode nvarchar(100) not null
BillToOriginalCountryCode nvarchar(100) not null
BillToOriginalPostalCode nvarchar(100) not null
BillToOriginalIsPOBox bit not null
BillToOriginalIsResidential int not null
ServiceStandard int not null
FileDataSource int not null
ShipToAddressValidated bit not null
BillToAddressValidated bit not null
DutyAccountNumber nvarchar(50) not null

Item Preview

March 4, 2021
9:17 AM
Used to create new / update items.

Sample JSON:

```
[{
        "ItemID" : "3ccc9c20-5fcf-47cf-b8a7-998245b27c3b",
        "ItemNumber" : "SKU",
        "ClientItemNumber" : "SKU",
        "ManufacturerItemNumber" : "",
        "Description" : "Item Description",
        "ProductGroupCode" : "PRODUCTGROUP",
        "StyleCode" : "STYLE",
        "StyleDescription" : "",
        "ColourCode" : "COLOUR",
        "ColourDescription" : "",
        "SizeCode" : "SIZE",
        "SizeDescription" : "",
        "SeasonCode" : "",
        "SeasonDescription" : "",
        "BaseUOMCode" : "EA",
        "DivisionCode" : "",
        "ManufacturerName" : "",
        "ScaleCode" : "",
        "ScalePosition" : 0,
        "UPC" : "",
        "MSL" : 0.00,
        "Value" : 0.00,
        "Length" : 0.000000,
        "Width" : 0.000000,
        "Height" : 0.000000,
        "Weight" : 0.000000,
        "Currency" : "",
        "HarmonizedSystemCode" : "",
        "ManufacturerIdentificationCode" : "",
        "OriginCountry" : "",
        "Gender":"",
        "Product":"",
        "Quality":"",
        "Activity":"",
        "Composition":"",
        "ClientItemIdentifier": "1234567890",
        "ItemKitComponents" : [{
                    "ItemNumber" : "TESTCOMPONENT1",
                    "Sequence" : 1,
                    "Quantity" : 10,
```

```
              "BrokenRules" : [{
                            "PropertyName" : "ItemNumber",
                            "Description" : "This is not a valid item for this client."
                    }]
            }, {
                    "ItemNumber" : "TESTCOMPONENT2",
                    "Sequence" : 2,
                    "Quantity" : 10,
                    "BrokenRules" : [{
                            "PropertyName" : "ItemNumber",
                            "Description" : "This is not a valid item for this client."
                    }]
            }],
      "ItemGTINs" : [{
                    "GTIN" : "00845445112545",
                    "ClientUomCode" : "EA",
                    "BrokenRules" : []
            }],
      "ItemIdentifiers": [{
            "DataSource": 8,
            "Key": "test-site.com",
            "ClientItemIdentifier": "1234567890",
            "BrokenRules": []
        }],
      "BrokenRules" : [{
                    "PropertyName" : "ItemKitComponents",
                    "Description" : "This item has invalid kit components."
            }, {
                    "PropertyName" : "UPC",
                    "Description" : "UPC is required."
            }]
}]
```

Mandatory Fields:

1. Item Number – primary identifier for the item – typically StyleCode-ColourCode-SizeCode
2. Style Code
3. Color Code
4. Size Code
5. Description
6. UOM
7. Product Group – used to group the items for billing purposes
8. UPC – UPC / EAN / GTIN
9. Value – wholesale cost, can be supplied as 0

International Shipping Mandatory Fields

1. Harmonized System Code
2. Manufacturer Identification Code

3. Origin Country

Notes:

- Length, width, and height are ignored unless the client is setup to allow importing item dimensions
- When item records are created using the API, they can be brought live by the CSC as long as the item records have valid data.
- The base UOM code/client UOM code and product group code properties are validated against the codes that are set up in our system and must match one of them.
- Item GTIN records are for supplying additional UPCs/EANs/GTINs. If your item has only one of these, it should be sent in the UPC field. For items with multiple UPCs/EANs/GTINs, one of these that matches the given base UOM can be sent in the UPC field with the others being added as item GTIN records.
- We have settings that indicate whether restrictions are in place to either allow only a single UPC/EAN/GTIN or multiple, as well as whether an item can have multiple UOMs or not.
- UPC/GTIN number 12 or 14 digit, must have a valid check digit
- Preview table records may contain invalid data which will need to be fixed before the record can be imported to the main table. The CSC is notified shortly after the record is created and may correct the data before the record can be corrected via the API.
- DivisionCode is used if there are divisions within the client at NRI.
- MSL is the retail price.
- Currency is unused.
- ClientItemIdentifier is used to record the primary identifier in the remote system if the item came from one i.e. the variant id in Shopify.
  - It is primarily used for on hand inventory sync, but is available for all confirmations.
- ItemIdentifiers are used when multiple remote systems are being integrated with the API, i.e. there are several Shopify sites being integrated, or a Shopify site and an Apparel Magic one.
  - The DataSource indicates what type of remote system is being integrated, see Enumeration Values for the list of valid values.
  - The key is used to identify the source within the type.

Available calls:

1. **GET /api/v1/itempreview/items?page=1&rowsperpage=50**
   Returns the item previews for the page and rowsperpage. The maximum value for rows per page is 100

2. **GET /api/v1/itempreview/item?id=3ccc9c20-5fcf-47cf-b8a7-998245b27c3b**
   Returns the item preview for the id.

3. **GET /api/v1/itempreview/item?itemnumber=SKU**
   Returns the item preview for the itemnumber.

4. **GET /api/v1/itempreview/count**
   Returns the count of all of the item previews.

5. **PUT/POST /api/v1/itempreview/items**

Creates / replaces the item previews. Currently it only works for full objects, not able to modify some properties at a time. Requires a list, even if there is only one item in the list.
ItemID, BrokenRules and any empty fields are not needed. The CSC will receive a notification when new items have been created.

6. **DELETE /api/v1/itempreview/item?id=3ccc9c20-5fcf-47cf-b8a7-998245b27c3b**
   Deletes the item preview for the id.

7. **DELETE /api/v1/itempreview/item?itemnumber=SKU**
   Deletes the item preview for the item number.

Item

March 4, 2021
9:17 AM
Used to view existing items.

Sample JSON:

```
[{
        "ItemID" : "efcce2c6-0942-4c62-aec4-f559f6febad8",
        "ItemNumber" : "SKU",
        "ClientItemNumber" : "SKU",
        "Description" : "",
        "Uom" : "EA",
        "ItemType" : "",
        "InventoryMethod" : "",
        "StyleCode" : "STYLE",
        "StyleDescription" : "",
        "ColourCode" : "COLOUR",
        "ColourDescription" : "",
        "SizeCode" : "SIZE",
        "SizeDescription" : "",
        "SeasonCode" : "",
        "SeasonDescription" : "",
        "ManufacturerItemNumber" : "",
        "DangerousGood" : false,
        "ManufacturerName" : "",
        "ImportDate" : "2015-01-15T09:31:33.123",
        "ImportFileName" : "",
        "WholesalePrice" : 0.00,
        "HarmonizedSystemCode" : "",
        "ManufacturerIdentificationCode" : "",
        "ProductGroupDescription" : "Tights",
        "Gender":"",
        "Product":"",
        "Activity":"",
        "Composition": "",
        "ClientID": "9b8c003d-8007-4476-9a6b-559d5f89a5ba",
        "ClientName": "CLIENT",
        "ReservedLocationAddress": "",
        "ClientItemIdentifier": "1234567890",
        "ItemGTINs" : [{
                    "GTIN" : "",
                    "UOM" : "EA"
            }, {
                    "GTIN" : "00845445112545",
                    "UOM" : "EA"
            }],
        "ItemKits" : [{
```

```
            "ItemNumber" : "TESTCOMPONENT1",
            "Description" : "TESTCOMPONENT1",
            "Uom" : "EACH",
            "Quantity" : 10
    }, {
            "ItemNumber" : "TESTCOMPONENT2",
            "Description" : "TESTCOMPONENT2",
            "Uom" : "EACH",
            "Quantity" : 10
    }],
    "ItemIdentifiers": [{
        "DataSource": 8,
        "Key": "test-site.com",
        "ClientItemIdentifier": "1234567890"
    }]

}]
```

Notes:

- ImportDate will be null if the item was not imported.
- ClientItemIdentifier if set is used to record the primary identifier in the remote system the item came from i.e. the variant id in Shopify.
- ItemIdentifiers if set are used when multiple remote systems are being integrated with the API, i.e. there are several Shopify sites being integrated, or a Shopify site and an Apparel Magic one.
  - The DataSource indicates what type of remote system is being integrated, see Enumeration Values for the list of valid values.
  - The key is used to identify the source within the type.

Available calls:

1. **GET /api/v1/item/items?page=1&rowsperpage=50&importdate_min=9/10/2018**
   Returns the items for the page and rowsperpage. The maximum value for rows per page is 250. Importdate_min determines which items to view based on import date.

2. **GET /api/v1/item/item?id=efcce2c6-0942-4c62-aec4-f559f6febad8**
   Returns the item for the id.

3. **GET /api/v1/item/item?itemnumber=SKU**
   Returns the item for the itemnumber.

4. **GET /api/v1/item/count**
   Returns the count of all of the items.

Inventory

Used to retrieve current inventory levels of items in the warehouse.

Sample JSON:

```
[{
        "WarehouseCode" : "PROMO",
        "ItemNumber" : "Item1",
        "ItemID" : "aecdce0a-4d34-4277-85a5-91a830559aae",
        "Uom" : "EA",
        "Gtin" : "00111110004001",
        "QuantityOnHand" : 0,
        "QuantityAllocated" : 0,
        "QuantityOnHold" : 0,
        "QuantityAvailable" : 0,
        "ClientItemIdentifier": "1234567890",
        "ItemIdentifiers": [{
            "DataSource": 8,
            "Key": "test-site.com",
            "ClientItemIdentifier": "1234567890"
          }]
}, {
        "WarehouseCode" : "PROMO",
        "ItemNumber" : "Item2",
        "ItemID" : "ddcb5e24-b0b8-4464-af48-7232f0ed1b4e",
        "Uom" : "EA",
        "Gtin" : "00111110004056",
        "QuantityOnHand" : 0,
        "QuantityAllocated" : 0,
        "QuantityOnHold" : 0,
        "QuantityAvailable" : 0,
        "ClientItemIdentifier": "1234567890",
        "ItemIdentifiers": [{
            "DataSource": 8,
            "Key": "test-site.com",
            "ClientItemIdentifier": "1234567890"
          }]
}, {
        "WarehouseCode" : "WH1",
        "ItemNumber" : "Item3",
        "ItemID" : "e68f9c50-eeb3-4b24-bde4-c2a13cee6c61",
        "Uom" : "EA",
        "Gtin" : "00111110004070",
        "QuantityOnHand" : 41,
        "QuantityAllocated" : 0,
        "QuantityOnHold" : 0,
```

```
        "QuantityAvailable" : 41,
        "ClientItemIdentifier": "1234567890",
        "ItemIdentifiers": [{
            "DataSource": 8,
            "Key": "test-site.com",
            "ClientItemIdentifier": "1234567890"
          }]
}, {
        "WarehouseCode" : "WH1",
        "ItemNumber" : "Item4",
        "ItemID" : "8cb6b620-7a36-4fbe-84a4-fafbe3eb5ab6",
        "Uom" : "EA",
        "Gtin" : "00111110004162",
        "QuantityOnHand" : 0,
        "QuantityAllocated" : 0,
        "QuantityOnHold" : 0,
        "QuantityAvailable" : 0,
        "ClientItemIdentifier": "1234567890",
        "ItemIdentifiers": [{
            "DataSource": 8,
            "Key": "test-site.com",
            "ClientItemIdentifier": "1234567890"
          }]
}, {
        "WarehouseCode" : "WH1",
        "ItemNumber" : "Item5",
        "ItemID" : "f9a163be-58cc-47a3-94fc-26f7ab6942cc",
        "Uom" : "EA",
        "Gtin" : "00111110004100",
        "QuantityOnHand" : 0,
        "QuantityAllocated" : 0,
        "QuantityOnHold" : 0,
        "QuantityAvailable" : 0,
        "ClientItemIdentifier": "1234567890",
        "ItemIdentifiers": [{
            "DataSource": 8,
            "Key": "test-site.com",
            "ClientItemIdentifier": "1234567890"
          }]
}, {
        "WarehouseCode" : "WH1",
        "ItemNumber" : "Item6",
        "ItemID" : "501b8070-d14f-4a92-a1f2-f9441a19b5c4",
        "Uom" : "EA",
        "Gtin" : "00111110004094",
        "QuantityOnHand" : 0,
        "QuantityAllocated" : 0,
        "QuantityOnHold" : 0,
```

```
    "QuantityAvailable" : 0,
    "ClientItemIdentifier": "1234567890",
    "ItemIdentifiers": [{
        "DataSource": 8,
        "Key": "test-site.com",
        "ClientItemIdentifier": "1234567890"
      }]
}]
```

Notes:

- Quantity On Hand is the quantity of the item in the warehouse
- Quantity Allocated is the quantity of the item in the warehouse allocated to ship out
- Quantity On Hold is the quantity of the item in the warehouse in the Lost / Found location
- Quantity Available is the quantity of the item in the warehouse available for shipping
    - Calculated by Quantity On Hand - Quantity Allocated - Quantity On Hold
- ClientItemIdentifier if set is used to record the primary identifier in the remote system the item came from i.e. the variant id in Shopify.
- ItemIdentifiers if set are used when multiple remote systems are being integrated with the API, i.e. there are several Shopify sites being integrated, or a Shopify site and an Apparel Magic one.
    - The DataSource indicates what type of remote system is being integrated, see [Enumeration Values](#) for the list of valid values.
    - The key is used to identify the source within the type.
- Warehouse Code is used if there are multiple virtual warehouses within the client at NRI

Available calls:

1. **GET /api/v1/inventory/items?page=1&rowsperpage=100&warehouseCode=10**
    Returns a page of inventory with the given number of rows per page. This call returns a record for every item that has had a quantity in a warehouse and will include 0 quantity records. The maximum value for rows per page is 250.
    Optionally set a warehouse code to only retrieve records for a specific warehouse.

2. **GET /api/v1/inventory/count?warehouseCode=10**
    Returns the total number of inventory records that will be returned by the get paged inventory call.
    Optionally set a warehouse code to only retrieve records for a specific warehouse.

3. **GET /api/v1/inventory/items?itemnumber=Item7**
    Returns a list of all the inventory records for the item with the item number supplied. Will have one record for every warehouse the item exists in.

4. **GET /api/v1/inventory/items?id=30d2e37e-7b8a-4f55-bd61-df9630a4a807**
    Returns a list of all the inventory records for the item with the item id supplied. Will have one record for every warehouse the item exists in.

5. **GET /api/v1/inventory/item?itemnumber=Item9&warehouse=WH2**

Returns the record for the item with the item number supplied in the warehouse with the warehouse code supplied. Will return not found if the item doesn't exist in the warehouse supplied.

6. **GET /api/v1/inventory/item?id=30d2e37e-7b8a-4f55-bd61-df9630a4a807&warehouse=WH2**
   Returns the record for the item with the item id supplied in the warehouse with the warehouse code supplied. Will return not found if the item doesn't exist in the warehouse supplied.

Purchase Order Preview

Used to create new / update purchase orders.

Sample JSON:

```
[{
    "PurchaseOrderID": "3EB8F1D0-2984-4DD3-A526-C288CC61A712",
    "ClientReferenceNumber1": "100112",
    "ClientReferenceNumber2": "",
    "PurchaseOrderDate": "2016-04-20T21:12:45",
    "WarehouseCode": "2",
    "ClientDivisionCode": "2D",
    "CountryCode": "CAN",
    "ShipFrom": "",
    "EtaDate": "2016-07-15T00:00:00",
    "Comment": "",
    "CancelDate": "2016-07-15T00:00:00",
    "StartDate": "2016-07-15T00:00:00",
    "OrderReferenceNumber": "",
    "FileDataSource": 0,
    "ImportFileName": "testfileoeu.dqx",
    "PurchaseOrderLines": [{
        "ItemNumber": "123",
        "ClientUomCode": "EA",
        "LineNumber": "1",
        "ClientLineNumber": "1",
        "QuantityOnOrder": "1",
        "SeasonCode": "1",
        "ItemGtin": "234242234",
        "ClientLineReferenceNumber": "123123",
        "BrokenRules": [{
            "PropertyName": "ItemGtin",
            "Description": "This is not a valid GTIN."
        }, {
            "PropertyName": "ItemNumber",
            "Description": "Item number is required."
        }]
    }],
    "BrokenRules": [{
        "PropertyName": "WarehouseCode",
        "Description": "This is not a valid warehouse code for this client."
    }, {
        "PropertyName": "PurchaseOrderLines",
        "Description": "This purchase order has invalid purchase order line(s)."
    }]
}]
```

Mandatory Fields:

1. ClientReferenceNumber1 – primary identifier for the Receipt – along with ClientReferenceNumeber2 if provided must be unique
2. EtaDate - date the PO is due to arrive at NRI
3. CountryCode - origin country of the shipment
4. PurchaseOrderLines:
   a. ItemNumber or ItemGtin
   b. QuantityOnOrder
      i. Note: the value submitted must be an integer otherwise it will be ignored, i.e. "10.0" will be 0

Notes:

- Purchase Order Preview is used when clients are unable to provide factory packed carton details with corresponding carton ID's per receipt.
- Valid purchase orders can be brought live by the CSC.
- Some fields will be set to default values if nothing is supplied for them. These fields are:
  - ClientDivisionCode - Indicates the client division to use, if there are multiple – set to the configured default division (first letter of client name + D).
  - WarehouseCode - Indicates the warehouse to pull inventory from – set to the configured default warehouse (the two letter name of the client default facility).
  - PurchaseOrderDate - Unused field – set to today.
  - StartDate - Unused field - set to today.
  - CancelDate - Unused field - set to today.
  - LineNumber - set sequentially
- Preview table records may contain invalid data which will need to be fixed before the record can be imported to the main table. The CSC is notified shortly after the record is created and may correct the data before the record can be corrected via the API.
- OrderReferenceNumber is used to match up to orders for either crossdock shipments or reserved inventory.
- For QuantityOnOrder the value submitted must be an integer otherwise it will be ignored, i.e. "10.0" will be 0
- ClientLineNumber is the numeric primary line reference in the client system.
- ClientLineReferenceNumber is the secondary line reference in the client system.
- FileDataSource is used to store the source the record was retrieved from before being sent to the API i.e. it came from Apparel Magic.
  - Required if there are multiple remote systems being integrated with the API.

Available calls:

1. **GET /api/v1/purchaseorderpreview/purchaseorders?page=1&rowsperpage=100**
   Returns purchase order previews for the page and rowsperpage. The maximum value for rows per page is 100.

2. **GET /api/v1/purchaseorderpreview/purchaseorder?id=175C0929-9541-4A47-9E70-639DC2B11C12**
   Returns the purchase order preview for the id.

3. **GET /api/v1/purchaseorderpreview/purchaseorder?clientreferencenumber1="REF1"&clientreferencenumber2="REF2"**
   Returns the purchase order preview for the client reference 1 and 2. Client reference 2 is optional and will be interpreted as an empty string if not provided. This call will only find purchase orders that are exact matches, so if client reference 2 is not provided, it will only match to purchase orders that have an empty client reference 2.

4. **GET /api/v1/purchaseorderpreview/count**
   Returns the count of all of the purchase order previews.

5. **POST/PUT /api/v1/purchaseorderpreview/purchaseorder**
   Creates / replaces the receipt previews. Currently it only works for full objects, it is not able to modify some properties at a time.
   ReceiptID, BrokenRules and any empty fields are not needed.
   The CSC will receive a notification when new receipts have been created.

6. **POST/PUT /api/v1/purchaseorderpreview/purchaseorders**
   Creates / replaces the receipt previews. Currently it only works for full objects, it is not able to modify some properties at a time. Requires a list, even if there is only one receipt in the list.
   ReceiptID, BrokenRules and any empty fields are not needed.
   The CSC will receive a notification when new receipts have been created.

7. **DELETE /api/v1/purchaseorderpreview/purchaseorder?id=175C0929-9541-4A47-9E70-639DC2B11C12**
   Deletes the purchase order preview for the id.

8. **DELETE /api/v1/purchaseorderpreview/purchaseorder?clientreferencenumber1="REF1"&clientreferencenumber2="REF2"**
   Deletes the purchase order preview for the client reference 1 and 2. Client reference2 must be passed but may be blank.

Receipt Preview

March 27, 2020
9:44 AM
Used to create new / update receipts.

Sample JSON:

```
[{
    "ReceiptID": "9599b5d4-0d84-46e4-ab1f-98604e1cafa2",
    "ClientReferenceNumber1": "Reference1",
    "ClientReferenceNumber2": "Reference2",
    "ClientDivisionCode": "",
    "WarehouseCode": "",
    "ShipFrom": ".",
    "ShipmentDate": "2016-04-27T00:00:00",
    "EtaDate": "2016-04-28T00:00:00",
    "BolNumber": "",
    "ProInvoice": "2",
    "PalletsExpected": 0,
    "AsnBolNumber": "",
    "SpecialInstructions": "",
    "ShipmentTypeCode": "",
    "FileDataSource": 0,
    "ImportFileName": "",
    "ReceiptCartons": [{
        "CartonNumber": 1,
        "PinNumber": "",
        "Sscc": "00194200288001929009",
        "CrossDock": false,
        "Pallet": "",
        "PurchaseOrderNumber": "",
        "OrderReferenceNumber": "",
        "Length": 63.500127,
        "Width": 53.340107,
        "Height": 25.400051,
        "Weight": 11.589288,
        "ReceiptCartonItems": [{
            "ItemNumber": "L",
            "ClientUomCode": "EA",
            "ItemGtin": "1",
            "QuantityExpected": 12,
            "SeasonCode": "",
            "ClientLineNumber": 0,
            "ClientLineReferenceNumber": "",
            "BrokenRules": [{
                "PropertyName": "ItemGtin",
                "Description": "This is not a valid GTIN."
            }, {
```

```
                    "PropertyName": "ItemNumber",
                    "Description": "This is not a valid item for this client."
                }]
            }, {
                "ItemNumber": "L",
                "ClientUomCode": "EA",
                "ItemGtin": "",
                "QuantityExpected": 6,
                "SeasonCode": "",
                "ClientLineNumber": 0,
                "ClientLineReferenceNumber": "",
                "BrokenRules": [{
                    "PropertyName": "ItemGtin",
                    "Description": "This is not a valid GTIN."
                }, {
                    "PropertyName": "ItemNumber",
                    "Description": "This is not a valid item for this client."
                }]
            }],
            "BrokenRules": [{
                "PropertyName": "ReceiptCartonItems",
                "Description": "This receipt carton has invalid receipt carton item(s)."
            }]
        }],
        "BrokenRules": [{
            "PropertyName": "WarehouseCode",
            "Description": "This is not a valid warehouse code for this client."
        }, {
            "PropertyName": "ReceiptCartons",
            "Description": "This receipt has invalid receipt carton(s)."
        }]
    }]
```

Mandatory Fields:

1. ClientReferenceNumber1 – primary identifier for the Receipt – along with ClientReferenceNumeber2 if provided must be unique
2. AsnBolNumber – the BOL / PIN for the shipment to NRI
3. ShipmentTypeCode - if the receipt is IMPORT or DOMESTIC
4. ReceiptCartons:
    a. CartonNumber - must be greater then 0 and unique
    b. SSCC
    c. ReceiptCartonItems:
        i. ItemNumber or GTIN
        ii. QuantityExpected

Notes:

- Receipt Preview is used when clients can provide factory packed carton details with corresponding carton ID's per receipt (aka. ASN).
- Valid receipts can be brought live by the CSC.
- Carton Length UOM - Inches
- Carton Weight UOM - Pounds
- Some fields will be set to default values if nothing is supplied for them. These fields are:
  - ClientDivisionCode - Indicates the client division to use, if there are multiple – set to the configured default division (first letter of client name + D).
  - WarehouseCode - Indicates the warehouse to pull inventory from – set to the configured default warehouse (the two letter name of the client default facility).
  - ShipmentDate - Date product was shipped – set to today.
  - EtaDate - Date when the product should arrive – set to today.
- OrderReferenceNumber is used to match up to orders for either crossdock shipments or reserved inventory.
- Preview table records may contain invalid data which will need to be fixed before the record can be imported to the main table. The CSC is notified shortly after the record is created and may correct the data before the record can be corrected via the API.
- FileDataSource is used to store the source the record was retrieved from before being sent to the API i.e. it came from Apparel Magic.
  - Required if there are multiple remote systems being integrated with the API.

Available Calls:

1. **GET /api/v1/receiptpreview/receipts?page=1&rowsperpage=50**
   Returns the receipt previews for the page and rowsperpage. The maximum value for rows per page is 100.

2. **GET /api/v1/receiptpreview/receipt?id=f49bf959-524c-46bd-9c79-8af91b66b151**
   Returns the receipt preview for the id.

3. **GET /api/v1/receiptpreview/receipt?clientReferenceNumber1=REF1&clientReferenceNumber2=REF2**
   Returns the receipt preview for the client reference 1 and 2. Client reference 2 is optional and will be interpreted as an empty string if not provided. This call will only find receipts that are exact matches, so if client reference 2 is not provided, it will only match to receipts that have an empty client reference 2.

4. **GET /api/v1/receiptpreview/count**
   Returns the count of all of the receipt previews.

5. **POST/PUT /api/v1/receiptpreview/receipts**
   Creates / replaces the receipt previews. Currently it only works for full objects, it is not able to modify some properties at a time. Requires a list, even if there is only one receipt in the list. ReceiptID, BrokenRules and any empty fields are not needed.
   The CSC will receive a notification when new receipts have been created.

6. **DELETE /api/v1/receiptpreview/receipt?id=f49bf959-524c-46bd-9c79-8af91b66b151**

Deletes the receipt preview for the id.

7. **DELETE
/api/v1/receiptpreview/receipt?clientReferenceNumber1="REF1"&clientReferenceNumber2=
"REF2"**

Deletes the receipt preview for the client reference 1 and 2. Client reference2 must be passed but may be blank.

Receipt Confirmation

Used to retrieve data pertaining to receipts that have been received and are ready to confirm back. A PUT method marks the receipts as confirmed so that they won't be sent again on future requests.

Sample JSON:

```
[{
    "ReceiptID": "c99d3381-eafb-478b-9cb5-6351019e7441",
    "DocumentNumber": 123456789,
    "DocumentDate": "2016-06-20T07:01:21.747",
    "ClientReferenceNumber1": "963",
    "ClientReferenceNumber2": "852",
    "CompletionDate": "2016-22-25T11:43:12.98",
    "Imported": false,
    "DataSource": 1,
    "FileDataSource": 0,
    "ClientReceiptType": "Domestic",
    "WarehouseName": "Default Warehouse",
    "ShipFrom": "",
    "ArrivalDate": "2016-06-25T08:25:49.707",
    "EtaDate": "2016-06-20T00:00:00",
    "BolNumber": "5754996865",
    "UnitsExpected": 60,
    "UnitsReceived": 60,
    "WeightExpected": 0.000000,
    "WeightReceived": 0.000000,
    "VolumeExpected": 0.000000,
    "VolumeReceived": 0.000000,
    "AsnNumber": "",
    "SpecialInstructions": "",
    "NetAmount": 23.00,
    "TaxAmount": 1.15,
    "InvoiceAmount": 24.15,
    "ShipToCustomerCode": "",
    "ClientWarehouseCode": "KF",
    "ReceiptLineViewList": [{
        "LineNumber": 1,
        "PurchaseOrderNumber": "0",
        "QuantityExpected": 6,
        "QuantityReceived": 6,
        "QuantityVariance": 0,
        "SeasonCode": "",
        "ItemNumber": "ITEM-1",
        "ItemDescription": "Unremarkable Product",
        "ClientItemNumber": "ITEM-1",
        "UomCode": "EA",
```

```json
                "UomDescription": "EACH",
                "WarehouseName": "Default Warehouse",
                "WholesaleValue": 10.00,
                "ExtendedValue": 60.00,
                "ServiceCharge": 1.500000,
                "ClientLineNumber": 0,
                "Gtin": "09336340240075",
                "ClientLineReferenceNumber": "",
                "ClientWarehouseCode": "KF",
                "StyleCode": "ABCD",
                "ClientItemIdentifier": "1234567890",
                "ItemIdentifiers": [{
                    "DataSource": 8,
                    "Key": "test-site.com",
                    "ClientItemIdentifier": "1234567890"
                }]
        },
        {
                "LineNumber": 2,
                "PurchaseOrderNumber": "0",
                "QuantityExpected": 6,
                "QuantityReceived": 6,
                "QuantityVariance": 0,
                "SeasonCode": "",
                "ItemNumber": "ITEM-2",
                "ItemDescription": "Sample product",
                "ClientItemNumber": "ITEM-2",
                "UomCode": "EA",
                "UomDescription": "EACH",
                "WarehouseName": "Default Warehouse",
                "WholesaleValue": 10.00,
                "ExtendedValue": 60.00,
                "ServiceCharge": 1.500000,
                "ClientLineNumber": 0,
                "Gtin": "09336340240068",
                "ClientLineReferenceNumber": "",
                "ClientWarehouseCode": "KF",
                "StyleCode": "ABCD",
                "ClientItemIdentifier": "1234567890",
                "ItemIdentifiers": [{
                    "DataSource": 8,
                    "Key": "test-site.com",
                    "ClientItemIdentifier": "1234567890"
                }]
        }],
        "ReceiptCartons": [{
                "CartonNumber": 1,
                "LicensePlate": "0174805263",
```

```json
"Sscc": "",
"MarkingCartonNumber": "1",
"MarkingCartonTotal": "1",
"CrossDock": false,
"OrderReferenceNumber": "",
"Audited": true,
"Length": 15.35,
"Width": 12.20,
"Height": 12.60,
"Weight": 8.25,
"ReceiptCartonItems": [{
    "ClientLineNumber": 0,
    "ItemNumber": "ITEM-1",
    "QuantityExpected": 6,
    "SeasonCode": "",
    "QuantityReceived": 6,
    "QuantityMarkings": 6,
    "QuantityAudited": 6,
    "WarehouseName": "Default Warehouse",
    "Description": "Unremarkable Product",
    "GTIN": "12345640980798",
    "UomCode":"EA",
    "ClientLineReferenceNumber": "",
    "ClientItemIdentifier": "1234567890",
    "ItemIdentifiers": [{
        "DataSource": 8,
        "Key": "test-site.com",
        "ClientItemIdentifier": "1234567890"
      }]
},
{
    "ClientLineNumber": 1,
    "ItemNumber": "ITEM-2",
    "QuantityExpected": 6,
    "SeasonCode": "",
    "QuantityReceived": 6,
    "QuantityMarkings": 6,
    "QuantityAudited": 6,
    "WarehouseName": "Default Warehouse",
    "Description": "Sample product",
    "GTIN": "12345640980780",
    "UomCode":"EA",
    "ClientLineReferenceNumber": "",
    "ClientItemIdentifier": "1234567890",
    "ItemIdentifiers": [{
        "DataSource": 8,
        "Key": "test-site.com",
        "ClientItemIdentifier": "1234567890"
```

```json
                }]
        }]
},
{
        "CartonNumber": 2,
        "LicensePlate": "0174804457",
        "Sscc": "",
        "MarkingCartonNumber": "1",
        "MarkingCartonTotal": "1",
        "CrossDock": false,
        "OrderReferenceNumber": "",
        "Audited": true,
        "Length": 16.35,
        "Width": 20.35,
        "Height": 17.60,
        "Weight": 9.37,
        "ReceiptCartonItems": [{
                "ClientLineNumber": 0,
                "ItemNumber": "ITEM-1",
                "QuantityExpected": 5,
                "SeasonCode": "",
                "QuantityReceived": 5,
                "QuantityMarkings": 5,
                "QuantityAudited": 5,
                "WarehouseName": "Default Warehouse",
                "Description": "Remarkable Product",
                "GTIN": "12345640980734",
                "UomCode":"EA",
                "ClientLineReferenceNumber": "",
                "ClientItemIdentifier": "1234567890",
                "ItemIdentifiers": [{
                    "DataSource": 8,
                    "Key": "test-site.com",
                    "ClientItemIdentifier": "1234567890"
                }]
        },
        {
                "ClientLineNumber": 1,
                "ItemNumber": "ITEM-2",
                "QuantityExpected": 1,
                "SeasonCode": "",
                "QuantityReceived": 1,
                "QuantityMarkings": 1,
                "QuantityAudited": 1,
                "WarehouseName": "Default Warehouse",
                "Description": "Sample product the second",
                "GTIN": "12345640980712",
                "UomCode":"EA",
```

```
                "ClientLineReferenceNumber": "",
                "ClientItemIdentifier": "1234567890",
                "ItemIdentifiers": [{
                    "DataSource": 8,
                    "Key": "test-site.com",
                    "ClientItemIdentifier": "1234567890"
                }]
            }]
        }]
    }]
```

Notes:

- FileDataSource if set when sending to preview stores the source the record was retrieved from before being sent to the API i.e. that it came from Apparel Magic.
  - Used to send the record back to the correct system.
- ClientItemIdentifier if set is used to record the primary identifier in the remote system the item came from i.e. the variant id in Shopify.
- ItemIdentifiers if set are used when multiple remote systems are being integrated with the API, i.e. there are several Shopify sites being integrated, or a Shopify site and an Apparel Magic one.
  - The DataSource indicates what type of remote system is being integrated, see Enumeration Values for the list of valid values.
  - The key is used to identify the source within the type.

Available calls:

1. **GET /api/v1/receiptconfirmation/confirmations**
   Returns all receipts that are ready to be confirmed.

2. **GET /api/v1/receiptconfirmation/confirmationsbyreference?clientreferencenumber1=&clientreferencenumber2=&apiOnly=**
   Returns all receipts with the exact matching client reference numbers

   If apiOnly is true, the receipts with data source set to WMS_API will be returned.
   If the apiOnly is false, all receipts within the date range will be returned, regardless of the data source
   Optional Fields:
   Client Reference 2
   apiOnly Boolean (Default - False)

3. **GET /api/v1/receiptconfirmation/confirmationsbycompletiondate?startdate=&enddate=&apiOnly=&page=&rowsperpage=**
   Returns all receipts confirmed between the date range paged
   If apiOnly is true, the receipts with data source set to WMS_API will be returned.
   If apiOnly is false, all receipts within the date range will be returned, regardless of the data source.
   Optional Fields:

apiOnly Boolean (Default - False)

4. **GET /api/v1/receiptconfirmation/count?startdate=&enddate=&apiOnly=**
Returns count of receipts confirmed between the date range
If apiOnly is true, the receipts with data source set to WMS_API will be returned.
If apiOnly is false, all receipts within the date range will be returned, regardless of the data source
   Optional Fields:
   apiOnly Boolean (Default - False)

5. **PUT/POST /api/v1/receiptconfirmation/confirmations**
   Fields:
   One or multiple objects that supply either of the following:
   ID:
   The ReceiptID to be confirmed
   clientReferenceNumber1:
   The reference number of the document to be confirmed. Note that when using reference numbers, it will confirm all matching receipts, and this could potentially be undesirable, as such it's recommended to use the ID parameter.
   Optional Fields:
   clientReferenceNumber2:
   Only to be used in conjunction with **clientReferenceNumber1**

   Sample JSON:
```
[{
     "ID": "bc308ae9-4dba-4882-b060-04893ce43762"
},
{
     "clientReferenceNumber1": "963258741",
},
{
     "clientReferenceNumber1": "123456",
     "clientReferenceNumber2": "987654"
}]
```

6. **DELETE /api/v1/receiptconfirmation/confirmations**
Marks confirmations as "excluded"; they will no longer appear in confirmations endpoint.
Reasons are optional but suggested as a best practice.

   Sample JSON:
```
[{
     "ID": "2b6d7115-f6e2-4d08-b858-e85c5c111216",
     "Reason": "Invalid Carrier"
},
{
     "ID": "7e18f337-8f53-4082-9c3b-eac88e919201",
     "Reason": "Unknown reason"
}
]
```

Order Preview

Used to create new / update orders.

Sample JSON:

```
[{
        "OrderID": "f49bf959-524c-46bd-9c79-8af91b66b151",
        "ClientReferenceNumber1": "REFERENCE1",
        "ClientReferenceNumber2": "REFERENCE2",
        "ClientDivisionCode": "",
        "WarehouseCode": "",
        "ClientPaymentTermCode": "NET",
        "FreightTermCode": "PREPAID",
        "CarrierCode": "",
        "BillToCustomerCode": "10044",
        "BillToName": "Test Name",
        "BillToAddress1": "1234 Test Street",
        "BillToAddress2": "",
        "BillToAddress3": "",
        "BillToCityName": "CALGARY",
        "BillToProvinceCode": "AB",
        "BillToCountryCode": "CAN",
        "BillToPostalCode": "T2J1X3",
        "BillToPhoneNumber": "",
        "BillToComment": "",
        "ShipToCustomerCode": "10044",
        "ShipToName": "Test Name",
        "ShipToAddress1": "1234 Test Street",
        "ShipToAddress2": "",
        "ShipToAddress3": "",
        "ShipToCityName": "CALGARY",
        "ShipToProvinceCode": "AB",
        "ShipToCountryCode": "CAN",
        "ShipToPostalCode": "T2J1X3",
        "ShipToPhoneNumber": "",
        "ShipToComment": "",
        "PurchaseOrderNumber": "",
        "PurchaseOrderDate": "2015-02-24T00:00:00",
        "ClientSalesRep": "",
        "ClientOrderDate": "2015-02-24T00:00:00",
        "FirstShipDate": "2015-02-24T00:00:00",
        "LastShipDate": "2015-03-06T00:00:00",
        "MarkFor": "1321",
        "PickingInstructions": "",
        "PackingInstructions": "",
        "HandlingInstructions": "",
```

"ShippingInstructions": "",
"OrderTypeCode": "",
"VendorNumber": "",
"FobCode": "",
"BuyingParty": "",
"MarkForName": "Store A",
"MarkForAddress1": "1234 Fake Street",
"MarkForAddress2": "",
"MarkForAddress3": "",
"MarkForCountryCode": "Can",
"MarkForCity": "Vancouver",
"MarkForProvince": "BC",
"MarkForPostalCode": "v2c5g4",
"CustomerDepartment": "",
"CustomerAttention": "",
"OrderReferenceNumber": "",
"CarrierExpressRequested": false,
"IsPreticketing": false,
"IsKitRequired": false,
"ReturnServiceRequired": false,
"BillToRetailerType": 0,
"ShipToRetailerType": 0,
"CarrierAccountNumber": "",
"ASNEmailAddress": "",
"DistributionCenterCode": "",
"DistributionCenterName": "",
"BannerCode": "",
"BannerName": "",
"TrackingEmailAddress": "",
"PackingSlipEmailAddress": "",
"CustomerDepartmentName": "",
"CustomerFreightChargeOption": 0,
"CustomerFreightRate": 0.00,
"BillToResidential": null,
"ShipToResidential": true,
"CompanyNumber": "",
"ProofOfDelivery": 0,
"RetailerOrderType": 0,
"CartonContentNote": "",
"PackingSlipComment": "",
"FileDataSource": 0,
"ImportFileName": "",
"DutyAccountNumber": "",
"SoldToPartyName": "",
"SoldToPartyAddressLine1": "",
"SoldToPartyAddressLine2": "",
"SoldToPartyCity": "",
"SoldToPartyProvince": "",

```json
        "SoldToPartyPostalCode": "",
        "SoldToCountryCode": "",
        "OrderLines": [{
                    "ItemNumber": "ITEM1",
                    "WarehouseCode": "",
                    "ClientUomCode": "EA",
                    "QuantityOrdered": 1,
                    "CustomerPOLineNumber": 0,
                    "CustomerItemNumber": "ITEM1",
                    "ClientLineNumber": 1,
                    "GrossPrice": 22.22,
                    "DiscountAmount": 0.00,
                    "DiscountPercent": 0.00,
                    "GTIN": "",
                    "RetailerLineType": 0,
                    "CustomerStyleCode": "",
                    "CustomerColorCode": "",
                    "CustomerSizeCode": "",
                    "CustomerDescription": "DESCRIPTION1",
                    "CustomerDescription2": "",
                    "SeasonCode": "",
                    "CustomerStyleDescription": "",
                    "CustomerColorDescription": "",
                    "CustomerSizeDescription": "",
                    "CustomerSizeCode2": "",
                    "CustomerSizeDescription2": "",
                    "SizeRunCode": "",
                    "Category": "",
                    "SubCategory": "",
                    "CustomerGtin": "",
                    "RetailPrice": 22.22,
                    "PrepackNumber": "",
                    "PrepackInnerQuantity": 0,
                    "QuantityPerPrepack": 0,
                    "QuantityPerCarton": 0,
                    "ClientLineReferenceNumber": "",
                    "Comments": "",
                    "BrokenRules": []
            }],
        "OrderVases": [{
                    "ClientVasCode": "TESTVASCODE",
                    "VasComment": "",
                    "BrokenRules": [{
                                "PropertyName": "ClientVasCode",
                                "Description": "This is not a valid Client Vas Code for this Client."
                        }]
            }],
        "BrokenRules": [{
```

```
            "PropertyName": "ClientReferenceNumber2",
            "Description": "This is a duplicate order - Doc# 3079759"
    }, {
            "PropertyName": "OrderVases",
            "Description": "This Order has Invalid Order Vas(es)"
    }]
 }]
```

Mandatory Fields:

1. ClientReferenceNumber1 – primary identifier for the order – along with ClientReferenceNumeber2 if provided must be unique
2. BillToName – Bill to customer name
3. BillToAddress1 – Bill to customer address line 1
4. BillToCityName - Bill to customer city
5. BillToProvinceCode - Bill to customer province / state code
6. BillToCountryCode - Bill to customer country code
7. BillToPostalCode - Bill to customer postal / zip code
8. ShipToName – Ship to customer name
9. ShipToAddress1 – Ship to customer address line 1
10. ShipToCityName - Ship to customer city
11. ShipToProvinceCode - Ship to customer province / state code
12. ShipToCountryCode - Ship to customer country code
13. ShipToPostalCode - Ship to customer postal / zip code
14. ClientPaymentTermCode
15. FreightTermCode
16. CarrierCode
17. PurchaseOrderNumber
18. FirstShipDate - Beginning of shipping window
19. LastShipDate - Last date of shipping window
20. OrderTypeCode - Used in conjunction with SLA agreement
21. CarrierAccountNumber - Collect/3rd party ship to account number
22. OrderLines:
     a. ItemNumber or GTIN
     b. QuantityOrdered

Additional Mandatory Fields for Distribution Retail Orders:

1. MarkFor - Mark for store number
2. MarkForName - Store Name
3. CustomerDepartment - Retailer department number
4. CustomerDepartmentName
5. DistributionCenterCode - DC number
6. DistributionCenterName - DC name

Notes:

- See Enumeration Values for valid values for BillToRetailerType, ShipToRetailerType, CustomerFreightChargeOption, ProofOfDelivery, RetailerOrderType, and RetailerLineType
- BillToResidential and ShipToResidential will be null if the value wasn't explicitly provided. Otherwise it will be true or false. (Shipping to residential addresses could have additional carrier charges.)
- For order lines, an item number or a GTIN should be supplied. It is not required to provide both.
- Valid orders can be brought live by the CSC.
- Some fields will be set to default values if nothing is supplied for them. These fields are:
    a. ClientDivisionCode - Indicates the client division to use, if there are multiple – set to the configured default division (first letter of client name + D).
    b. WarehouseCode - Indicates the warehouse to pull inventory from – set to the configured default warehouse (the two-letter name of the client default facility).
    c. ClientPaymentTermCode - Indicates how the shipment will be paid for - set to the configured default payment terms code (NET).
    d. FreightTermCode - Indicates who is paying for the shipment – set to the configured default freight terms code (PREPAID).
    e. OrderTypeCode - Indicates the type of order (Prebook, Restock, Promo, Rush, Internet) – set to the configured default order type (ORD).
    f. ShipToCustomerCode - Identifies the ship to customer – set to the ship to postal code plus the first 3 non-white-space characters of the ship to name.
    g. BillToCustomerCode - Identifies the bill to customer – set to the bill to postal code plus the first 3 non-white-space characters of the bill to name.
    h. ClientOrderDate - Date client placed order – set to today.
    i. FirstShipDate - First date to ship – set to today.
    j. LastShipDate - Last date to ship – set to 10 days later than the first ship date.
    k. PurchaseOrderDate - Date order was purchased – set to today.
    l. OrderTypeCode - set to ORD with a 72 SLA
- If the client payment terms code is supplied and is not the default, it must match one of the payment terms codes that have been set up previously by the CSC.
- The freight terms code can be any of the four values below if its supplied.
    a. PREPAID
    b. COLLECT
    c. T (Third party) - Carrier account number is required either on the order or customer master
    d. R (Bill Recipient) - Carrier account number is required either on the order or customer master
    e. Any other value, as long as it's previously supplied and setup
- CarrierCode - Identifies the carrier and carrier service to use - Any code used will have to be provided before use so that the relationship can be set up by the CSC - If no value is supplied, or the code sent is mapped to a blank carrier, the shipment will be shipped via the cheapest carrier.
- CarrierAccountNumber - required if FreightTermCode is set to collect / 3rd party.
- OrderReferenceNumber is used for crossdock scenarios to match orders up to receipt cartons that have the same OrderReferenceNumber value

- The following fields have no functionality and populating them serves no function. They will be removed in future versions of the API.
    a. TrackingEmailAddress
    b. PackingSlipEmailAddress
    c. BillToPhoneNumber
- GrossPrice - set to a valid value greater than zero if client is participating in Shipping Guaranteed program.
- OrderVases - Generates automatic work orders upon import to live tables
- Preview table records may contain invalid data which will need to be fixed before the record can be imported to the main table. The CSC is notified shortly after the record is created and may correct the data before the record can be corrected via the API.
- FileDataSource is used to store the source the record was retrieved from before being sent to the API i.e. it came from Apparel Magic.
    a. Required if there are multiple remote systems being integrated with the API.
- Order line fields required data if mandatory for SSCC label compliance and /or if warehouse will be printing retail specific price tickets:
    a. CustomerItemNumber
    b. CustomerStyleCode
    c. CustomerSizeCode
    d. CustomerDescription
    e. RetailPrice

Available Calls:

GET /api/v1/orderpreview/orders?page=1&rowsperpage=50
> Returns the order previews for the page and rowsperpage. The maximum value for rows per page is 100.

GET /api/v1/orderpreview/order?id=f49bf959-524c-46bd-9c79-8af91b66b151
> Returns the order preview for the id.

GET /api/v1/orderpreview/order?clientReferenceNumber1="REF1"&clientReferenceNumber2="REF2"
> Returns the order preview for the client reference 1 and 2. Client reference 2 is optional and will be interpreted as an empty string if not provided. This call will only find orders that are exact matches, so if client reference 2 is not provided, it will only match to orders that have an empty client reference 2.

GET /api/v1/orderpreview/count
> Returns the count of all of the order previews.

POST/PUT /api/v1/orderpreview/orders
> Creates / replaces the order previews. Currently it only works for full objects, not able to modify some properties at a time. Requires a list, even if there is only one order in the list. The ship to and bill to customer codes will be automatically generated if not supplied. OrderID, BrokenRules and any empty fields are not needed.
> The CSC will receive a notification when new orders have been created.
> **Responses:**
> > 400 BAD REQUEST

- If any orders are missing clientReferenceNumber1
- If no orders are able to be created through the data provided.
    - 204 NO CONTENT
- No errors occurred during order creation

- **POST/PUT /api/v1/orderpreview/order**
  Single order version of 5.

1. **DELETE /api/v1/orderpreview/order?id=f49bf959-524c-46bd-9c79-8af91b66b151**
   Deletes the order preview for the id.

2. **DELETE
   /api/v1/orderpreview/order?clientReferenceNumber1="REF1"&clientReferenceNumber2="REF2"**
   Deletes the order preview for the client reference 1 and 2. Client reference2 must be passed but may be blank.

Order

Used to view or modify existing orders.

Sample JSON:

```
[{
    "OrderID": "d57a77c3-d2c1-400a-b3cf-a1222298687f",
    "DocumentNumber": 25946,
    "DocumentDate": "2015-02-13T09:44:12",
    "ClientReferenceNumber1": "REFERENCE1",
    "ClientReferenceNumber2": "REFERENCE2",
    "Status": "Released",
    "CompletionDate": null,
    "ClientDocumentType": "Regular Order",
    "PurchaseOrderNumber": "24494",
    "FirstShipDate": "2015-02-13T00:00:00",
    "LastShipDate": "2015-02-23T00:00:00",
    "MarkFor": "",
    "PackedDate": null,
    "ShipToCustomerCode": "10044",
    "ShipToName": "Test Name",
    "ShipToAddressLine1": "1234 Test Street",
    "ShipToAddressLine2": "",
    "ShipToAddressLine3": "",
    "ShipToCity": "CALGARY",
    "ShipToProvinceCode": "AB",
    "ShipToCountryCode": "CAN",
    "ShipToPostalCode": "T2J1X3",
    "BillToCustomerCode": "10044",
    "BillToName": "Test Name",
    "BillToAddressLine1": "1234 Test Street",
    "BillToAddressLine2": "",
    "BillToAddressLine3": "",
    "BillToCity": "CALGARY",
    "BillToProvinceCode": "AB",
    "BillToCountryCode": "CAN",
    "BillToPostalCode": "T2J1X3",
    "CancellationReason": 0,
    "CancellationReasonDescription": "",
    "DutyAccountNumber": "DutyAccount",
    "OrderLines": [{
        "LineNumber": 1,
        "ClientLineNumber": 1,
        "ItemNumber": "ITEM1",
        "ClientItemNumber": "ITEM1",
        "ItemDescription": "DESCRIPTION1",
```

```
            "UomCode": "EA",
            "UomDescription": "Each",
            "WarehouseName": "Default Warehouse",
            "GrossPrice": 22.22,
            "DiscountAmount": 0.00,
            "NetPrice": 22.22,
            "DependencyCode": "",
            "CustomerItemNumber": "",
            "CustomerStyleCode": "",
            "CustomerColourCode": "",
            "CustomerSizeCode": "",
            "CustomerDescription": "",
            "Gtin": "313213554115",
            "CustomerGtin": "313213554115",
            "QuantityOrdered": 1,
            "QuantityAllocated": 1,
            "QuantityPicked": 0,
            "QuantityShipped": 0,
            "ClientItemIdentifier": "1234567890",
            "ClientLineReferenceNumber": "",
            "Comments": "",
            "ItemIdentifiers": [{
                "DataSource": 8,
                "Key": "test-site.com",
                "ClientItemIdentifier": "1234567890"
            }]
        }],
    "Data": {
      "Key1": "Value1",
      "Key2": "Value2"
    }}]
```

Notes:

- The different order statuses and the process to move between them are:
    - Entered – Order has just been created or imported from the preview table. Note: This is the only status in which the api can cancel an order.
    - Allocated – Order has been allocated against the available inventory. This reserves that inventory for this order and makes sure that there is enough inventory to fully fill the order.
    - Partially Allocated – There wasn't enough inventory to fully allocate the order.
    - Released – The order has been released as a shipment to the floor to be picked. Multiple orders may be grouped into a single shipment at this stage.
    - Packed – The shipment that the order is on has been packed and is now ready to be shipped.
    - Shipped – The shipment that the order is on has been shipped. This is the state when the order will show up in order confirmations.

- Cancelled – The order has been cancelled and will no longer be fulfilled. As long as the order hasn't been shipped, it can be cancelled, but if there has been any picking / packing done on it, there will be restocking involved, which has a fee.
- The Data field is not editable at this time, so its value will normally be null. This is intended to store custom supplementary data related to the order.
- ClientItemIdentifier if set is used to record the primary identifier in the remote system the item came from i.e. the variant id in Shopify.
- ItemIdentifiers if set are used when multiple remote systems are being integrated with the API, i.e. there are several Shopify sites being integrated, or a Shopify site and an Apparel Magic one.
  - The DataSource indicates what type of remote system is being integrated, see Enumeration Values for the list of valid values.
  - The key is used to identify the source within the type.

Available calls:

1. **GET /api/v1/order/orders?page=1&rowsperpage=50**
   Returns a page of orders with the given number of rows per page. This API call returns open orders as well as shipped orders that have a completion date less than 10 days ago, and cancelled orders that have a document date less than 10 days ago. The maximum value for rows per page is 100.

2. **GET /api/v1/order/order?id=d57a77c3-d2c1-400a-b3cf-a1222298687f**
   Returns the order for the given id.

3. **GET /api/v1/order/order?clientReferenceNumber1="reference1"&clientReferenceNumber2="reference2"**
   Returns the order for the client reference 1 and 2. Client reference 2 is optional and will be interpreted as an empty string if not provided. This call will only find orders that are exact matches, so if client reference 2 is not provided, it will only match to orders that have an empty client reference 2. This returns a list of orders due to the fact that it is possible to have multiple orders with the same reference numbers (though unlikely).

4. **GET /api/v1/order/order?purchaseOrderNumber="purchaseOrderNumber"**
   Returns the orders for the purchase order number.

5. **GET /api/v1/order/count**
   Returns the count of all of the orders that will be returned by the API call that returns all open orders.

6. **POST /api/v1/order/cancel**
   Cancel an order with the given GUID. Only orders in "Entered" status may be cancelled via the API. Orders not created via the API cannot be cancelled by the API.
   Required Parameters:
   - OrderID
     GUID of the order to be cancelled.
   Optional Parameters:
   - DeleteWorkOrders

Boolean to determine whether or not to delete the associated work orders.

Sample JSON:

```
{
    OrderID: "d57a77c3-d2c1-400a-b3cf-a1222298687f",
    DeleteWorkOrders: true
}
```

Return values:

204 NO RESPONSE

Order has been successfully cancelled.

404 NOT FOUND

Order could not be found with the provided GUID.

403 FORBIDDEN

The Order could not be cancelled due to its status, or because it was not created via the API.

Order Confirmation

August 6, 2021

4:57 PM

Used to retrieve data pertaining to orders that have been shipped and are ready to confirm back. A PUT / POST method marks the orders as confirmed so that they won't be sent again on future requests.

Sample JSON:

```
[{
        "OrderID": "8ff4cfc5-8fe3-43e5-a270-4e3b9275a786",
        "ShipmentNumber":  257425,
        "ShipmentDocumentDate": "2015-05-08T08:48:42.81",
        "CompletionDate": "2015-05-12T14:30:05.18",
        "PaymentTerm": "NET",
        "FreightTerm": "Prepaid",
        "CarrierName": "FedEx Ground",
        "ShipmentPin": "Y",
        "CodShipment": false,
        "ShipmentDate": "2015-05-08T00:00:00",
        "ClientFreightCharge": 0.00,
        "ClientInsuranceCharge": 0.04,
        "ClientTotalFreightCharge": 0.04,
        "CustomerFreightCharge": 0.04,
        "ShipmentValue": 11.00,
        "CodValue": 0.00,
        "ShipToCustomerCode": "00001",
        "ShipToName": "NRI DISTRIBUTION",
        "ShipToAddressLine1": "8205 DALLAS DRIVE",
        "ShipToAddressLine2": "",
        "ShipToCity": "KAMLOOPS",
        "ShipToProvinceCode": "BC",
        "ShipToPostalCode": "V2C6X2",
        "ShipToCountryCode": "CAN",
        "ShipToPhoneNumber": "4037019729",
        "BillToCustomerCode": "00001",
        "BillToName": "NRI DISTRIBUTION",
        "BillToAddressLine1": "8205 DALLAS DRIVE",
        "BillToAddressLine2": "",
        "BillToCity": "KAMLOOPS",
        "BillToProvinceCode": "BC",
        "BillToPostalCode": "V2C6X2",
        "BillToCountryCode": "CAN",
        "ExpressService": false,
        "CarrierSCAC": "FEDX",
        "RetailerType": 0,
        "RetailerTypeDescription": "",
        "ClientCarrierCode": "FEDEXGROUND",
        "BolNumber": "",
```

"TotalWeight": 16.44,
"TotalCartons": 2,
"ReturnPin": "",
"EtaDate": "2015-05-08T00:00:00",
"ClientSCAC": "ABCD",
"ClientFreightTerm": "PP",
"TotalCubeVolume": 20.14,
"FirstShipDate": "2015-05-08T00:00:00",
"LastShipDate": "2015-05-08T00:00:00",
"OrderNumber": 3597258,
"OrderDate": "2015-05-08T08:48:08.88",
"ClientReferenceNumber1": "REF1",
"ClientReferenceNumber2": "REF2",
"CustomerDepartment": "",
"ClientDocumentType": "Booking Order",
"PurchaseOrderNumber": "",
"PurchaseOrderDate": "2015-05-08T00:00:00",
"OrderValue": 11.00,
"NetAmount": 0.0,
"TaxAmount": 0.0,
"InvoiceAmount": 0.0,
"LeadOrderOnShipment": true,
"Imported": true,
"TotalQuantityOrdered": 23,
"TotalQuantityShipped": 2,
"WarehouseName": "",
"ClientWarehouseCode": "KC",
"CarrierServiceCode": "",
"CarrierServiceName": "",
"MarkFor": "",
"ShippingInstructions": "",
"HandlingInstructions": "",
"PackedDate": "2015-05-08T09:02:35.81",
"AtsNumber": "",
"DataSource": 8,
"DataSourceDescription": "WMS API",
"FileDataSource": 2,
"FileDataSourceDescription": "Client Import",
"TotalOrderWeight": 16.44,
"TotalOrderCartons": 2,
"TotalOrderCubeVolume": 10.12,
"ShipmentCartons": [{
        "CartonNumber": 1,
        "LicensePlate": "0110727901",
        "PinNumber": "",
        "Sscc": "",
        "CrossDock": false,
        "Length": 10.00,

```
"Width": 5.00,
"Height": 4.00,
"Weight": 0.65,
"TrackingUrl": "",
"ShipmentCartonItems": [{
                "ItemNumber": "ITEMA",
                "ClientItemNumber": "",
                "Description": "description a",
                "UomDescription": "EACH",
                "Gtin": "132138431354",
                "Quantity": 1,
                "CustomerGtin": "1321313584313",
                "ClientItemIdentifier": "1234567890",
                "ClientLineNumber": 1,
                "ClientLineReferenceNumber": "",
                "Comments":""
                "ItemIdentifiers": [{
                    "DataSource": 8,
                    "Key": "test-site.com",
                    "ClientItemIdentifier": "1234567890"
                  }]
        }, {
                "ItemNumber": "ITEMB",
                "ClientItemNumber": "",
                "Description": "description b",
                "UomDescription": "EACH",
                "Gtin": "164978431547",
                "Quantity": 1,
                "CustomerGtin": "164978431547",
                "ClientItemIdentifier": "1234567890",
                "ClientLineNumber": 2,
                "ClientLineReferenceNumber": "",
                "Comments":""
                "ItemIdentifiers": [{
                    "DataSource": 8,
                    "Key": "test-site.com",
                    "ClientItemIdentifier": "1234567890"
                  }]
        }]
    }],
"OrderConfirmationLines": [{
        "LineNumber": 1,
        "ItemNumber": "ITEMA",
        "ClientItemNumber": "",
        "Description": "description a",
        "UomCode": "EA",
        "UomDescription": "EACH",
        "WarehouseName": "",
```

```json
        "QuantityOrdered": 22,
        "QuantityShipped": 1,
        "CustomerItemNumber": "",
        "ClientLineNumber": 1,
        "GrossPrice": 0.00,
        "DiscountAmount": 0.00,
        "DependencyCode": "",
        "CustomerGtin": "1321313584313",
        "CustomerStyleCode": "ABEC",
        "CustomerDescription": "TEST Description",
        "StyleCode": "11232",
        "ClientLineReferenceNumber": "",
        "Comments": "",
        "NetPrice": 0.00,
        "ExtendedPriceQuantityOrdered": 0.00,
        "ExtendedPriceQuantityShipped": 0.00,
        "LineCancellationReason": 6,
        "LineCancellationReasonDescription": "Partial Shipment",
        "WholesaleValue": 0.00,
        "ExtendedValue": 0.00,
        "ServiceCharge": 0.00,
        "Gtin": "132138431354",
        "ClientItemIdentifier": "1234567890",
        "ItemIdentifiers": [{
            "DataSource": 8,
            "Key": "test-site.com",
            "ClientItemIdentifier": "1234567890"
        }]
         "ItemSerialNumbers": [{
            "SerialNumber": "1234567890",
            "LotNumber": "1234567890",
            "Quantity": 1
            }]
}, {
        "LineNumber": 2,
        "ItemNumber": "ITEMB",
        "ClientItemNumber": "",
        "Description": "description b",
        "UomCode": "EA",
        "UomDescription": "EACH",
        "WarehouseName": "",
        "QuantityOrdered": 1,
        "QuantityShipped": 1,
        "CustomerItemNumber": "",
        "ClientLineNumber": 2,
        "GrossPrice": 0.00,
        "DiscountAmount": 0.00,
        "DependencyCode": "",
```

```
                "CustomerGtin": "164978431547",
                "CustomerStyleCode": "ESET",
                "CustomerDescription": "TEST Description 2",
                "StyleCode": "11234",
                "ClientLineReferenceNumber": "",
                "Comments": "",
                "NetPrice": 0.00,
                "ExtendedPriceQuantityOrdered": 0.00,
                "ExtendedPriceQuantityShipped": 0.00,
                "LineCancellationReason": 0,
                "LineCancellationReasonDescription": "",
                "WholesaleValue": 0.00,
                "ExtendedValue": 0.00,
                "ServiceCharge": 0.00,
                "Gtin": "164978431547",
                "ClientItemIdentifier": "1234567890",
                "ItemIdentifiers": [{
                    "DataSource": 8,
                    "Key": "test-site.com",
                    "ClientItemIdentifier": "1234567890"
                }],
                 "ItemSerialNumbers": [{
                     "SerialNumber": "1234567890",
                     "LotNumber": "1234567890",
                     "Quantity": 1
                 }]
            }],
        "Data": {
            "Key1": "Value1",
            "Key2": "Value2"
        }}]
```

Notes:

- See Enumeration Values for the possible values of RetailerType, DataSource, and CancellationReason.
- Length, width, and height are in inches.
- Weight is in pounds.
- All freight amounts are reported on the lead order for the shipment only. Each shipment has a lead order and may have more orders that will have no freight.
- Each confirmation is for an order and the shipment the order is on may be uniquely identified by its ShipmentNumber property. There may be multiple confirmations for the same shipment (if multiple orders were grouped onto it). The confirmations are sorted by shipment number and order number.
- ClientFreightCharge is the base freight amount.
- ClientInsuranceCharge is the amount of freight insurance charged.
- ClientTotalFreightCharge is the total of the ClientFreightCharge + ClientInsuranceCharge.

- CustomerFreightCharge is the ClientTotalFreightCharge marked up by whatever percentage is desired.
- The Data field is not editable at this time, so its value will normally be null. This is intended to store custom supplementary data related to the order.
- FileDataSource if set when sending to preview stores the source the record was retrieved from before being sent to the API i.e. that it came from Apparel Magic.
  - Used to send the record back to the correct system.
- ClientItemIdentifier if set is used to record the primary identifier in the remote system the item came from i.e. the variant id in Shopify.
- ItemIdentifiers if set are used when multiple remote systems are being integrated with the API, i.e. there are several Shopify sites being integrated, or a Shopify site and an Apparel Magic one.
  - The DataSource indicates what type of remote system is being integrated, see [Enumeration Values](#) for the list of valid values.
  - The key is used to identify the source within the type.
- ItemSerialNumbers are associated to OrderConfirmationLines.

Available calls:

1. **GET /api/v1/orderconfirmation/confirmations**
   Returns all orders that are ready to be confirmed back.

2. **GET /api/v1/orderconfirmation/confirmationsbyreference?clientreferencenumber1=&clientreferencenumber2=&apiOnly=**
   Returns all orders with the exact matching client reference numbers

   If the apiOnly is true, the orders with data source set to WMS_API will be returned.
   If the apiOnly is false, all orders within the date range will be returned, regardless of the data source

   Optional Fields:
   Client Reference 2
   apiOnly (Default - False)

3. **GET /api/v1/orderconfirmation/confirmationsbyshipdate?startdate=&enddate=&apiOnly=&page=&rowsperpage=**
   Returns all orders shipped between the date range paged
   If the apiOnly is true, only orders originally created by the WMS API be returned.
   If the apiOnly is false, all orders within the date range will be returned, regardless of how they were created.

   Optional Fields:
   apiOnly (Default - False)

4. **GET /api/v1/orderconfirmation/count?startdate=&enddate=&apiOnly=**
   Returns count of orders shipped between the date range
   If the apiOnly is true, the orders with data source set to WMS_API will be returned.

If the apiOnly is false, all orders within the date range will be returned, regardless of the data source

Optional Fields:
apiOnly (Default - False)

5. **PUT/POST /api/v1/orderconfirmation/confirmations**
Marks the provided orders as confirmed. This generates PDF confirmation files for them and prevents them from showing up in future calls.

Sample JSON:

```
[{
        "OrderID": "bc308ae9-4dba-4882-b060-04893ce43762"
},
{
        "OrderID": "e89d30ad-9f7b-4769-acf6-20525e8f6c43"
},
{
        "OrderID": "8c6f53bc-5282-4f90-904d-2ceb5b7659fb"
},
{
        "OrderID": "1a64787a-4f7a-4800-9ea2-3b2ff7ec5652"
}]
```

6. **DELETE /api/v1/orderconfirmation/confirmations**
Marks confirmations as "excluded", they will no longer appear in order confirmations endpoint. Reasons are optional, but suggested as a best practice.

Sample JSON:

```
[{
        "ID": "2b6d7115-f6e2-4d08-b858-e85c5c111216",
        "Reason": "Invalid Carrier"
},
{
        "ID": "7e18f337-8f53-4082-9c3b-eac88e919201",
        "Reason": "Unknown reason"
}]
```

7. **GET /api/v2/orderconfirmations/confirmations/{page}/{rowsPerPage}**
Returns a list of orders that are ready to be confirmed back.
rowsPerPage is a max of 250

8. **GET /api/v2/orderconfirmations/count**
Returns a count of all orders that are ready to be confirmed back.

2021-06-09

Cancelled Order

June 18, 2020
2:43 PM

Used to retrieve data pertaining to cancelled orders. A PUT / POST method marks the orders as confirmed so that they won't be sent again on future requests.

Sample JSON:

```
[{
        "OrderID": "d57a77c3-d2c1-400a-b3cf-a1222298687f",
        "DocumentNumber": 25946,
        "DocumentDate": "2015-02-13T09:44:12",
        "ClientReferenceNumber1": "REFERENCE1",
        "ClientReferenceNumber2": "REFERENCE2",
        "Status": "Released",
        "CompletionDate": null,
        "ClientDocumentType": "Regular Order",
        "PurchaseOrderNumber": "24494",
        "FirstShipDate": "2015-02-13T00:00:00",
        "LastShipDate": "2015-02-23T00:00:00",
        "MarkFor": "",
        "PackedDate": null,
        "ShipToCustomerCode": "10044",
        "ShipToName": "Test Name",
        "ShipToAddressLine1": "1234 Test Street",
        "ShipToAddressLine2": "",
        "ShipToAddressLine3": "",
        "ShipToCity": "CALGARY",
        "ShipToProvinceCode": "AB",
        "ShipToCountryCode": "CAN",
        "ShipToPostalCode": "T2J1X3",
        "BillToCustomerCode": "10044",
        "BillToName": "Test Name",
        "BillToAddressLine1": "1234 Test Street",
        "BillToAddressLine2": "",
        "BillToAddressLine3": "",
        "BillToCity": "CALGARY",
        "BillToProvinceCode": "AB",
        "BillToCountryCode": "CAN",
        "BillToPostalCode": "T2J1X3",
        "CancellationReason": 2,
        "CancellationReasonDescription": "Client Request",
        "DutyAccountNumber":"123456"
        "OrderLines": [{
                "LineNumber": 1,
                "ClientLineNumber": 1,
                "ItemNumber": "ITEM1",
                "ClientItemNumber": "ITEM1",
```

```
            "ItemDescription": "DESCRIPTION1",
            "UomCode": "EA",
            "UomDescription": "Each",
            "WarehouseName": "Default Warehouse",
            "GrossPrice": 22.22,
            "DiscountAmount": 0.00,
            "NetPrice": 22.22,
            "DependencyCode": "",
            "Gtin:",
            "CustomerGtin": "",
            "QuantityOrdered": 1,
            "QuantityAllocated": 1,
            "QuantityPicked": 0,
            "QuantityShipped": 0,
            "ClientItemIdentifier": "1234567890",
            "ClientLineReferenceNumber":"123",
            "Comments":""
            "ItemIdentifiers": [{
                    "DataSource": 8,
                    "Key": "test-site.com",
                    "ClientItemIdentifier": "1234567890"
            }]
    }],
    "Data": null
}]
```

Notes:

- The Data field is not editable at this time, so its value will normally be null. This is intended to store custom supplementary data related to the order.
- See Enumeration Values for the possible values of CancellationReason.
- FileDataSource if set when sending to preview stores the source the record was retrieved from before being sent to the API i.e. that it came from Apparel Magic.
  - Used to send the record back to the correct system.
- ClientItemIdentifier if set is used to record the primary identifier in the remote system the item came from i.e. the variant id in Shopify.
- ItemIdentifiers if set are used when multiple remote systems are being integrated with the API, i.e. there are several Shopify sites being integrated, or a Shopify site and an Apparel Magic one.
  - The DataSource indicates what type of remote system is being integrated, see Enumeration Values for the list of valid values.
  - The key is used to identify the source within the type.

Available calls:

1. **GET /api/v1/cancelledorder/orders?page=1&rowsperpage=50**
   Returns all cancelled orders that are ready to be confirmed back.

2. **GET /api/v1/cancelledorder/count**
   Returns count of cancelled orders that are ready to be confirmed back.

3. **PUT/POST /api/v1/cancelledorder/orders**
   Marks the provided orders as confirmed. This prevents them from showing up in future calls.

   Sample JSON:
```json
[{
        "OrderID": "bc308ae9-4dba-4882-b060-04893ce43762"
},
{
        "OrderID": "e89d30ad-9f7b-4769-acf6-20525e8f6c43"
},
{
        "OrderID": "8c6f53bc-5282-4f90-904d-2ceb5b7659fb"
}]
```

4. **DELETE /api/v1/cancelledorder/orders**
   Marks the orders provided as "excluded", they will no longer appear in cancelled order endpoint.
   Reasons are optional, but suggested as a best practice.

   Sample JSON:
```json
[{
        "ID": "2b6d7115-f6e2-4d08-b858-e85c5c111216",
        "Reason": "Invalid Carrier"
},
{
        "ID": "7e18f337-8f53-4082-9c3b-eac88e919201",
        "Reason": "Unknown reason"
}]
```

RA Preview

Monday, November 9, 2020
4:00 PM

Used to create new / update return authorizations.

Sample JSON:

```
[{
    "RAID": "7e9c06d4-9f3d-4e27-b68a-98fbdd72a79a",
    "ClientReferenceNumber1": "Ref1",
    "ClientReferenceNumber2": "Ref2",
    "WarehouseCode": "VC",
    "CustomerCode": "000123",
    "CustomerName": "Customer A",
    "Address1": "159 Fake Street",
    "Address2": "",
    "Address3": "",
    "CityCode": "Kamloops",
    "ProvinceCode": "BC",
    "CountryCode": "CA",
    "PostalCode": "V2C6X2",
    "EtaDate": "2018-06-25T00:00:00",
    "ClientDivisionCode": "CD",
    "ClientOrderDate": "2018-05-25T00:00:00",
    "RATypeCode": "RA",
    "FileDataSource": 0,
    "BolNumber": "42345456454345356",
    "ImportFileName": "",
    "RALines": [{
        "RALineActionCode": "UN",
        "ItemNumber": "Item1",
        "GTIN": "785562185218",
        "WarehouseCode": "",
        "ClientUomCode": "EA",
        "RAReasonCode": "RR",
        "ClientLineNumber": 900001,
        "QuantityExpected": 1,
        "Comments": "",
        "ClientLineReferenceNumber": "",
        "BrokenRules": []
    }]
}]
```

Mandatory Fields:

1. ClientReferenceNumber1 – primary identifier for the RA – along with ClientReferenceNumeber2 if provided must be unique
2. RALines:
    a. ItemNumber or GTIN

b. QuantityExpected
c. RALineActionCode
d. RAReasonCode

Notes:

- Valid RAs can be brought live by the CSC.
- Some fields will be set to default values if nothing is supplied for them. These fields are:
  - ClientDivisionCode - Indicates the client division to use, if there are multiple – set to the configured default division (first letter of client name + D).
  - WarehouseCode - Indicates the warehouse to pull inventory from – set to the configured default warehouse (the two letter name of the client default facility).
  - CustomerCode - Indicates the RA customer - set to the first few letters of the customer name if there is one and the postal code
- Preview table records may contain invalid data which will need to be fixed before the record can be imported to the main table. The CSC is notified shortly after the record is created and may correct the data before the record can be corrected via the API.
- FileDataSource is used to store the source the record was retrieved from before being sent to the API i.e. it came from Apparel Magic.
  - Required if there are multiple remote systems being integrated with the API.

Available calls:

1. **GET /api/v1/rapreview/ras?page=1&rowsperpage=100**
   Returns purchase order previews for the page and rowsperpage. The maximum value for rows per page is 100.

2. **GET /api/v1/api/v1/rapreview/ra?id=175C0929-9541-4A47-9E70-639DC2B11C12**
   Returns the ra preview for the id.

3. **GET /api/v1/rapreview/purchaseorder?clientreferencenumber1="REF1"&clientreferencenumber2="REF2"**
   Returns the ra preview for the client reference 1 and 2. Client reference 2 is optional and will be interpreted as an empty string if not provided. This call will only find RAs that are exact matches, so if client reference 2 is not provided, it will only match to RAs that have an empty client reference 2.

4. **GET /api/v1/rapreview/count**
   Returns the count of all of the RA previews.

5. **POST/PUT /api/v1/rapreview/ra**
   Creates / replaces the RA previews. Currently it only works for full objects, it is not able to modify some properties at a time.
   RAID, BrokenRules and any empty fields are not needed.
   The CSC will receive a notification when new Ras have been created.

6. **POST/PUT /api/v1/rapreview/ras**

Creates / replaces the RA previews. Currently it only works for full objects, it is not able to modify some properties at a time. Requires a list, even if there is only one receipt in the list.
RAID, BrokenRules and any empty fields are not needed.
The CSC will receive a notification when new receipts have been created.

7. **DELETE /api/v1/rapreview/ra?id=175C0929-9541-4A47-9E70-639DC2B11C12**
Deletes the RA preview for the id.

8. **DELETE**
/api/v1/rapreview/ra?clientreferencenumber1="REF1"&clientreferencenumber2="REF2"
Deletes the RA preview for the client reference 1 and 2. Client reference2 must be passed but may be blank.

Return Confirmation

February 26, 2021
9:56 AM

Used to retrieve data pertaining to returns that have been received and are ready to confirm back. A PUT method marks the receipts as confirmed so that they won't be sent again on future requests.

Sample JSON:

```
[{
    "ReceiptLineViewList": [{
        "RaAction": "Return to stock",
        "RAReasonCode": "RR",
        "LineNumber": 1,
        "PurchaseOrderNumber": "0",
        "QuantityExpected": 6,
        "QuantityReceived": 6,
        "QuantityVariance": 0,
        "SeasonCode": "",
        "ItemNumber": "ITEM-1",
        "ItemDescription": "Unremarkable Product",
        "ClientItemNumber": "ITEM-1",
        "UomCode": "EA",
        "UomDescription": "EACH",
        "WarehouseName": "Default Warehouse",
        "WholesaleValue": 10.00,
        "ExtendedValue": 60.00,
        "ServiceCharge": 1.500000,
        "ClientLineNumber": 0,
        "Gtin": "09336340240075",
        "ClientLineReferenceNumber": "",
        "ClientWarehouseCode": "KF",
        "StyleCode": "12453",
        "ClientItemIdentifier": "1234567890",
        "ItemIdentifiers": [{
            "DataSource": 8,
            "Key": "test-site.com",
            "ClientItemIdentifier": "1234567890"
        }]
    }, {
        "RaAction": "Return to stock",
        "RAReasonCode": "RR",
        "LineNumber": 2,
        "PurchaseOrderNumber": "0",
        "QuantityExpected": 6,
        "QuantityReceived": 6,
        "QuantityVariance": 0,
        "SeasonCode": "",
        "ItemNumber": "ITEM-2",
```

                "ItemDescription": "Sample product",
                "ClientItemNumber": "ITEM-2",
                "UomCode": "EA",
                "UomDescription": "EACH",
                "WarehouseName": "Default Warehouse",
                "WholesaleValue": 10.00,
                "ExtendedValue": 60.00,
                "ServiceCharge": 1.500000,
                "ClientLineNumber": 0,
                "Gtin": "09336340240068",
                "ClientLineReferenceNumber": "",
                "ClientWarehouseCode": "KF",
                "StyleCode": "68741",
                "ClientItemIdentifier": "1234567890",
                "ItemIdentifiers": [{
                    "DataSource": 8,
                    "Key": "test-site.com",
                    "ClientItemIdentifier": "1234567890"
                }]
        }],
    "ReceiptID": "c99d3381-eafb-478b-9cb5-6351019e7441",
    "DocumentNumber": 123456789,
    "DocumentDate": "2016-06-20T07:01:21.747",
    "ClientReferenceNumber1": "963",
    "ClientReferenceNumber2": "852",
    "CompletionDate": "2016-22-25T11:43:12.98",
    "Imported": false,
    "DataSource": 1,
    "FileDataSource": 0,
    "ClientReceiptType": "Domestic",
    "WarehouseName": "Default Warehouse",
    "ShipFrom": "",
    "ArrivalDate": "2016-06-25T08:25:49.707",
    "EtaDate": "2016-06-20T00:00:00",
    "BolNumber": "5754996865",
    "UnitsExpected": 60,
    "UnitsReceived": 60,
    "WeightExpected": 0.000000,
    "WeightReceived": 0.000000,
    "VolumeExpected": 0.000000,
    "VolumeReceived": 0.000000,
    "AsnNumber": "",
    "SpecialInstructions": "",
    "NetAmount": 23.00,
    "TaxAmount": 1.15,
    "InvoiceAmount": 24.15,
    "ShipToCustomerCode": "",
    "ClientWarehouseCode": "KF",

```json
"ReceiptCartons": [{
    "CartonNumber": 1,
    "LicensePlate": "0174805263",
    "Sscc": "",
    "MarkingCartonNumber": "1",
    "MarkingCartonTotal": "1",
    "CrossDock": false,
    "OrderReferenceNumber": "",
    "Audited": true,
    "Length": 15.35,
    "Width": 12.20,
    "Height": 12.60,
    "Weight": 8.25,
    "ReceiptCartonItems": [{
        "ClientLineNumber": 0,
        "ItemNumber": "ITEM-1",
        "QuantityExpected": 6,
        "SeasonCode": "",
        "QuantityReceived": 6,
        "QuantityMarkings": 6,
        "QuantityAudited": 6,
        "WarehouseName": "Default Warehouse",
        "Description": "Unremarkable Product",
        "GTIN": "12345640980798",
        "ClientLineReferenceNumber": "",
        "ClientItemIdentifier": "1234567890",
        "ItemIdentifiers": [{
            "DataSource": 8,
            "Key": "test-site.com",
            "ClientItemIdentifier": "1234567890"
        }]
    }, {
        "ClientLineNumber": 1,
        "ItemNumber": "ITEM-2",
        "QuantityExpected": 6,
        "SeasonCode": "",
        "QuantityReceived": 6,
        "QuantityMarkings": 6,
        "QuantityAudited": 6,
        "WarehouseName": "Default Warehouse",
        "Description": "Sample product",
        "GTIN": "12345640980780",
        "ClientLineReferenceNumber": "",
        "ClientItemIdentifier": "1234567890",
        "ItemIdentifiers": [{
            "DataSource": 8,
            "Key": "test-site.com",
            "ClientItemIdentifier": "1234567890"
```

```json
                        }]
                    }]
            }, {
                "CartonNumber": 2,
                "LicensePlate": "0174804457",
                "Sscc": "",
                "MarkingCartonNumber": "1",
                "MarkingCartonTotal": "1",
                "CrossDock": false,
                "OrderReferenceNumber": "",
                "Audited": true,
                "Length": 16.35,
                "Width": 20.35,
                "Height": 17.60,
                "Weight": 9.37,
                "ReceiptCartonItems": [{
                        "ClientLineNumber": 0,
                        "ItemNumber": "ITEM-1",
                        "QuantityExpected": 5,
                        "SeasonCode": "",
                        "QuantityReceived": 5,
                        "QuantityMarkings": 5,
                        "QuantityAudited": 5,
                        "WarehouseName": "Default Warehouse",
                        "Description": "Remarkable Product",
                        "GTIN": "12345640980734",
                        "ClientLineReferenceNumber": "",
                        "ClientItemIdentifier": "1234567890",
                        "ItemIdentifiers": [{
                                "DataSource": 8,
                                "Key": "test-site.com",
                                "ClientItemIdentifier": "1234567890"
                            }]
                    }, {
                        "ClientLineNumber": 1,
                        "ItemNumber": "ITEM-2",
                        "QuantityExpected": 1,
                        "SeasonCode": "",
                        "QuantityReceived": 1,
                        "QuantityMarkings": 1,
                        "QuantityAudited": 1,
                        "WarehouseName": "Default Warehouse",
                        "Description": "Sample product the second",
                        "GTIN": "12345640980712",
                        "ClientLineReferenceNumber": "",
                        "ClientItemIdentifier": "1234567890",
                        "ItemIdentifiers": [{
                                "DataSource": 8,
```

```
                    "Key": "test-site.com",
                    "ClientItemIdentifier": "1234567890"
                }]
            }]
        }]
    }]
```

Notes:
- FileDataSource if set when sending to preview stores the source the record was retrieved from before being sent to the API i.e. that it came from Apparel Magic.
  - Used to send the record back to the correct system.
- ClientItemIdentifier if set is used to record the primary identifier in the remote system the item came from i.e. the variant id in Shopify.
- ItemIdentifiers if set are used when multiple remote systems are being integrated with the API, i.e. there are several Shopify sites being integrated, or a Shopify site and an Apparel Magic one.
  - The DataSource indicates what type of remote system is being integrated, see Enumeration Values for the list of valid values.
  - The key is used to identify the source within the type.

Available calls:
1. **GET /api/v1/returnconfirmation/confirmations**
   Returns all returns that are ready to be confirmed.

2. **GET /api/v1/returnconfirmation/confirmationsbyreference?clientreferencenumber1=&clientreferencenumber2=&apiOnly=**
   Returns all returns with the exact matching client reference numbers

   If apiOnly is true, the receipts with data source set to WMS_API will be returned.
   If the apiOnly is false, all receipts within the date range will be returned, regardless of the data source
   Optional Fields:
   Client Reference 2
   apiOnly Boolean (Default - False)

3. **GET /api/v1/returnconfirmation/confirmationsbycompletiondate?startdate=&enddate=&apiOnly=&page=&rowsperpage=**
   Returns all returns confirmed between the date range paged
   If apiOnly is true, the returns with data source set to WMS_API will be returned.
   If apiOnly is false, all returns within the date range will be returned, regardless of the data source.
   Optional Fields:
   apiOnly Boolean (Default - False)

4. **GET /api/v1/returnconfirmation/count?startdate=&enddate=&apiOnly=**
   Returns count of returns confirmed between the date range
   If apiOnly is true, the returns with data source set to WMS_API will be returned.

If apiOnly is false, all returns within the date range will be returned, regardless of the data source
Optional Fields:
 apiOnly Boolean (Default - False)

5. **PUT/POST /api/v1/returnconfirmation/confirmations**
 Marks the provided returns as confirmed. This generates PDF confirmation files for them and
 prevents them from showing up in future calls.
 Fields:
 One or multiple objects that supply either of the following:
 ID:
 The receiptID to be confirmed
 clientReferenceNumber1:
 The reference number of the document to be confirmed. Note that when using
 reference numbers it will confirm all matching returns, and this could potentially
 be undesirable, as such it's recommended to use the ID parameter.
 Optional Fields:
 clientReferenceNumber2:
 Only to be used in conjunction with **clientReferenceNumber1**

 Sample JSON:
 [{
 "ID": "bc308ae9-4dba-4882-b060-04893ce43762"
 },
 {
 "clientReferenceNumber1": "963258741",
 },
 {
 "clientReferenceNumber1": "123456",
 "clientReferenceNumber2": "987654"
 }]

6. **DELETE /api/v1/returnconfirmation/confirmations**
 Marks confirmations as "excluded", they will no longer appear in confirmations endpoint. Reasons
 are optional, but suggested as a best practice.

 Sample JSON:
 [{
 "ID": "2b6d7115-f6e2-4d08-b858-e85c5c111216",
 "Reason": "Invalid Carrier"
 },
 {
 "ID": "7e18f337-8f53-4082-9c3b-eac88e919201",
 "Reason": "Unknown reason"
 }
 ]

Adjustment Confirmation

Used to retrieve data pertaining to adjustments that have been entered and are ready to confirm. A PUT method marks the adjustments as confirmed so that they won't be sent again on future requests.

Sample JSON:

```
[{
    "AdjustmentID": "27ab28fc-d188-4b1a-a22c-795daf035d5f",
    "AdjustmentNumber": 12345,
    "AdjustmentDate": "2017-04-19T13:07:17.593-07:00",
    "ClientReferenceNumber1": "Test Ref 1",
    "ClientReferenceNumber2": "Test Ref 2",
    "CompletionDate": "2017-04-19T13:08:51.24-07:00",
    "WarehouseCode": "0001",
    "WarehouseName": "Default Warehouse",
    "DefaultParent": "0123456789",
    "AdjustmentReason": "Other",
    "Description": "",
    "DatePosted": "2017-04-19T13:08:52-07:00",
    "FinancialValue": 200,
    "TotalQuantity": 6,
    "AdjustmentConfirmationLines": [{
        "LineNumber": 1,
        "ItemNumber": "Item 1",
        "GTIN": "12345640980798",
        "ItemDescription": "Item Description 1",
        "LineContainer": "0123456789",
        "UomCode": "EA",
        "UomDescription": "EACH",
        "WarehouseCode": "0001",
        "WarehouseName": "Default Warehouse",
        "Quantity": 3,
        "WholesalePrice": 37.5,
        "ExtendedValue": 112.5,
        "Comments": "",
        "ClientItemIdentifier": "1234567890",
        "ItemIdentifiers": [{
            "DataSource": 8,
            "Key": "test-site.com",
            "ClientItemIdentifier": "1234567890"
        }]
    }, {
        "LineNumber": 2,
        "ItemNumber": "Item 2",
        "GTIN": "12345640980789",
        "ItemDescription": "Item Description 2",
```

```
        "LineContainer": "0123456987",
        "UomCode": "EA",
        "UomDescription": "EACH",
        "WarehouseCode": "0001",
        "WarehouseName": "Default Warehouse",
        "Quantity": 3,
        "WholesalePrice": 37.5,
        "ExtendedValue": 112.5,
        "Comments": "",
        "ClientItemIdentifier": "1234567890",
        "ItemIdentifiers": [{
            "DataSource": 8,
            "Key": "test-site.com",
            "ClientItemIdentifier": "1234567890"
        }]
    }]
}]
```

Notes:

- ClientItemIdentifier if set is used to record the primary identifier in the remote system the item came from i.e. the variant id in Shopify.
- ItemIdentifiers if set are used when multiple remote systems are being integrated with the API, i.e. there are several Shopify sites being integrated, or a Shopify site and an Apparel Magic one.
    - The DataSource indicates what type of remote system is being integrated, see Enumeration Values for the list of valid values.
    - The key is used to identify the source within the type.

Available calls:

1. **GET api/adjustmentconfirmation/confirmations**
   Returns all adjustments that are ready to be confirmed.

2. **GET /api/v1/adjustmentconfirmation/confirmationsbyreference?clientreferencenumber1=&client referencenumber2=**
   Returns all adjustments with the exact matching client reference numbers

   Optional Fields:
   Client Reference 2

3. **GET /api/v1/adjustmentconfirmation/confirmationsbycompletiondate?startdate=&enddate=&page=&rowsperpage=**
   Returns all adjustments posted between the date range paged

4. **GET /api/v1/adjustmentconfirmation/count?startdate=&enddate=**
   Returns count of adjustments confirmed between the date range

5. **PUT/POST /api/v1/adjustmentconfirmation/confirmations**
    Marks the provided adjustments as confirmed. This generates PDF confirmation files for them and prevents them from showing up in future calls.
    Fields:
    One or multiple objects that supply either of the following:
    ID:
    The adjustmentID to be confirmed
    clientReferenceNumber1:
    The reference number of the document to be confirmed. Note that when using reference numbers it will confirm all matching adjustments, and this could potentially be undesirable, as such it's recommended to use the ID parameter.
    Optional Fields:
    clientReferenceNumber2:
    Only to be used in conjunction with **clientReferenceNumber1**

    Sample JSON:
    ```
    [{
        "ID": "bc308ae9-4dba-4882-b060-04893ce43762"
    },
    {
        "clientReferenceNumber1": "963258741",
    },
    {
        "clientReferenceNumber1": "123456",
        "clientReferenceNumber2": "987654"
    }]
    ```

6. **DELETE /api/v1/adjustmentconfirmation/confirmations**
    Marks confirmations as "excluded", they will no longer appear in confirmations endpoint. Reasons are optional, but suggested as a best practice.

    Sample JSON:
    ```
    [{
        "ID": "2b6d7115-f6e2-4d08-b858-e85c5c111216",
        "Reason": "Invalid Reason"
    },
    {
        "ID": "7e18f337-8f53-4082-9c3b-eac88e919201",
        "Reason": "Unknown reason"
    }
    ]
    ```

Client Work Flow

June 18, 2020
3:24 PM

1. **Items**
   - **Submit Items to [Item Preview](#) endpoint**
   - **Fix any errors and resubmit as necessary**
   - **Have items imported (Either via auto-import or have CSC import)**

2. **Purchase Orders**
   - **Submit Purchase Order to [Purchase Order Preview](#) endpoint**
   - **Fix any errors and resubmit as necessary**
   - **Have Purchase Orders imported**
   - **Send CSC packing slip or other carton content documentation**
   - **CSC will create receipt based on the Purchase Order and the carton contents**
   - **Find Receipts in [Receipt Confirmations](#) endpoint**
   - **Confirm Receipts**
   - **PDFs are generated and email is sent**

3. **Receipts**
   - **Submit Receipt to [Receipt Preview](#) endpoint**
   - **Fix any errors and resubmit as necessary**
   - **Have receipts imported**
   - **Wait for physical goods to arrive and be received**
   - **Find Receipts in [Receipt Confirmations](#) endpoint**
   - **Confirm Receipts**
   - **PDFs are generated and email is sent**

4. **Inventory**
   - **Items will now have quantity in [Inventory](#) endpoint**

5. **Orders**
   - **Submit Orders to [Order Preview](#) endpoint**
   - **Fix any errors and resubmit as necessary**
   - **Have orders imported.**
   - **Orders are allocated, released, picked, and shipped**
   - **Order will be available in [Order Confirmation](#) endpoint**
   - **Confirm orders**
   - **PDFs are generated and email is sent**
   - **A cancelled order will be available in the [Cancelled Order](#) endpoint until it is confirmed**

6. **Returns**
   - **Submit Returns to the [RA Preview](#) endpoint**
   - **Fix any errors and resubmit as necessary**
   - **Have returns import**
   - **Return will be processed once the goods arrive**
   - **Find returns in [Return Confirmations](#) endpoint**

- - Confirm returns
  - PDFs are generated and email is sent

7. **Adjustments**
   - **Adjustments are created periodically by NRI. They will show up in the [Adjustment Confirmation](#) endpoint once posted in NRI**