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

February 26, 2021
3:56 PM

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",
```

```
            "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",
```

"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"
}
]
```