

Advatix FEP

API Specification Doc

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Fulfillment Execution Platform (FEP)

Version History

Version	Date	Author	Description
1.0	30-March-2020	Sandeep Rajan (advatix.com)	Initial draft
1.1	7-April-2020	Sandeep Rajan (advatix.com)	Version bump
1.2	30-May-2020	Sandeep Rajan (advatix.com)	Added Order API
1.3	7-October-2020	Sandeep Rajan (advatix.com)	Added Product API
1.4	08-February-2021	Sandeep Rajan (advatix.com)	Ground up Change for serialized inventory
1.5	23-June-2021	Sandeep Rajan	Bundling Details added, Serialization removed
1.6	15-October-2021	Sandeep Rajan (advatix.com)	ASN and Lot Number details added
1.7	19-October-2021	Sandeep Rajan (advatix.com)	Added Get Order Info documentation
1.8	29-November-2021	Sandeep Rajan (advatix.com)	Added the prepaid / COD details

Contents

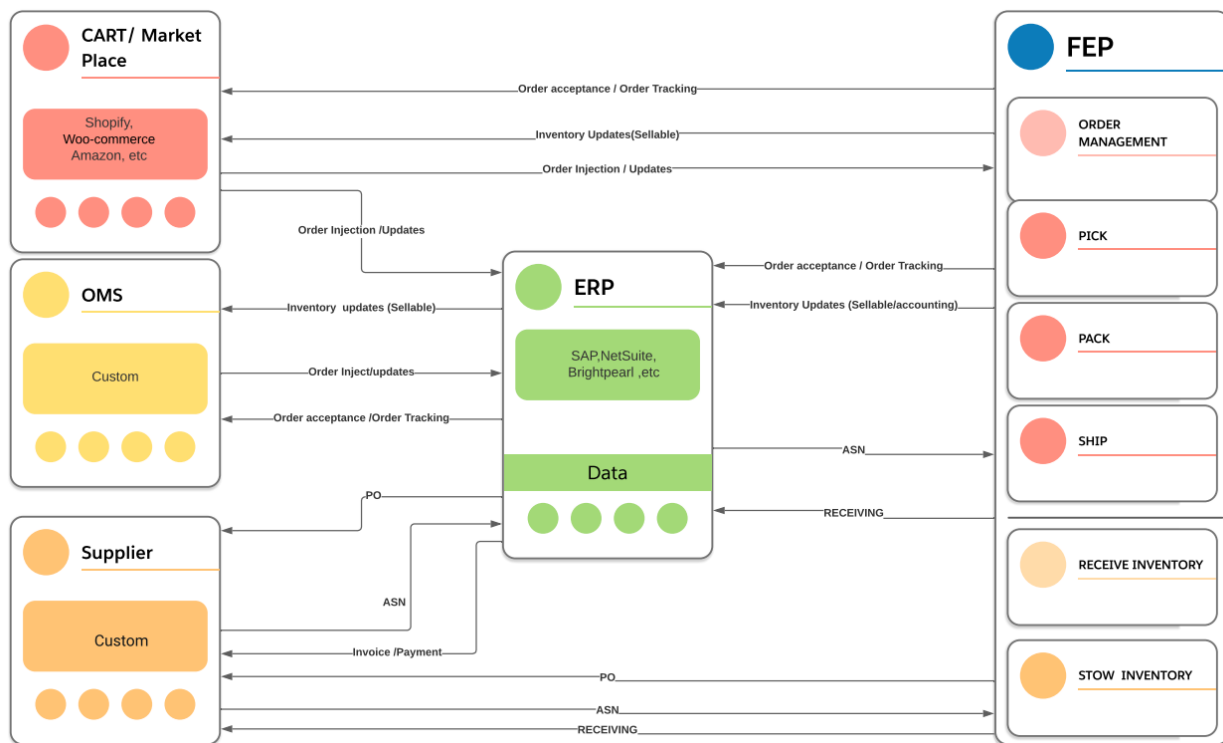
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Purpose of the document

The purpose of this document is to provide our development teams with development guidelines to integrate the APIs into various systems. This document is a handbook for the developers and system integrators who wish to integrate with Advatix FEP platform for order creation, product creation / listing and management functions.

Becoming familiar with these principles and concepts will allow developers to design into our products, systems, and services features and functionalities (Privacy by Design) that will make it easier for Advatix, customers and users to comply with and/or enforce legal and business requirements to protect intellectual property rights.



Integrations touch points with FEP

Methods

1. Create Product API:

Sample Request

Method	URL
POST	/fep/api/v1/product/createProducts

Note:

ApiKey This is the key that will be provided to client for authorization of the API request.

Type	Params	Values
HEAD	ApiKey	string
HEAD	DEVICE-TYPE	string
HEAD	VER	string
BODY	<pre>{ "attributes": [{ "attributeKey": 1, "attributeValue": "2", "inputType": "TEXT", "mandatory": true, "attribute": "TYPE", "error": "" }, { "attributeKey": 2, "attributeValue": "2300077", "inputType": "TEXT", "mandatory": true, "attribute": "UPC", "error": "" }, { "attributeKey": 3, "attributeValue": "3", "inputType": "TEXT", "mandatory": true, "attribute": "UOM", "error": "" }] }</pre>	

```

{
  "attributeKey": 4,
  "attributeValue": "3",
  "inputType": "NUMBER",
  "mandatory": true,
  "attribute": "MIN",
  "error": ""
},
{
  "attributeKey": 5,
  "attributeValue": "3",
  "inputType": "NUMBER",
  "mandatory": true,
  "attribute": "MAX",
  "error": ""
},
{
  "attributeKey": 6,
  "attributeValue": "0",
  "inputType": "BOOLEAN",
  "mandatory": true,
  "attribute": "EXPIRY DATE REQUIRED",
  "error": ""
},
{
  "attributeKey": 7,
  "attributeValue": "",
  "inputType": "NUMBER",
  "mandatory": false,
  "attribute": "MINIMUM EXPIRATION DAYS",
  "error": ""
},
{
  "attributeKey": 8,
  "attributeValue": "3",
  "inputType": "DECIMAL",
  "mandatory": true,
  "attribute": "WEIGHT",
  "error": ""
},
{
  "attributeKey": 9,
  "attributeValue": "3",
  "inputType": "NUMBER",
  "mandatory": true,
  "attribute": "PACKAGE_TYPE",
  "error": ""
},
{
  "attributeKey": 10,

```

```
        "attributeValue": "",
        "inputType": "URL",
        "mandatory": false,
        "attribute": "IMAGES",
        "error": ""
    },
    {
        "attributeKey": 11,
        "attributeValue": "",
        "inputType": "URL",
        "mandatory": false,
        "attribute": "VIDEOS",
        "error": ""
    },
    {
        "attributeKey": 12,
        "attributeValue": "3",
        "inputType": "DECIMAL",
        "mandatory": true,
        "attribute": "UNIT_PRICE",
        "error": ""
    },
    {
        "attributeKey": 13,
        "attributeValue": "3",
        "inputType": "NUMBER",
        "mandatory": true,
        "attribute": "MIN_BULK_QUANTITY",
        "error": ""
    },
    {
        "attributeKey": 14,
        "attributeValue": "",
        "inputType": "TEXT",
        "mandatory": false,
        "attribute": "BRAND",
        "error": ""
    },
    {
        "attributeKey": 15,
        "attributeValue": "",
        "inputType": "URL",
        "mandatory": false,
        "attribute": "THUMBNAIL",
        "error": ""
    },
    {
        "attributeKey": 16,
        "attributeValue": "0",
        "inputType": "BOOLEAN",
```


	<pre> "mandatory": true, "attribute": "Lot Number", "error": "" }], "productDesc": "Product Description Sample Demo", "productName": "Product Description Name Demo", "sku": "Demo-0001212", "accountId": "Sample", "productType": "1", (Please refer to Annexure 2A) "productCategory": "1", (Please refer to Annexure 2B) "isSerialize": "0", "productMappings": [{ "backUpPackageType": "", "backUpProductId": null, "backUpQuantity": null, "packageType": "", "productId": null, "quantity": null }] } </pre>
--	---

Sample Response Codes

Status	Response
200	<pre> { "accountId": "string", "canDisable": true, "canEditSubComponents": true, "categoryDesc": "string", "createdBy": 0, "createdOn": "MM-dd-yyyy HH:mm:ss SSS Z", "customerName": "string", "expirationDateBefore": "MM-dd-yyyy HH:mm:ss SSS Z", "expirationDateMandatory": true, "id": 0, "isSerialize": 0, "minimumExpirationDays": "string", "productAttributes": [{ "accountId": "string", "attributeDesc": "string", "attributeId": 0, </pre>

```

    "attributeName": "string",
    "attributeType": 0,
    "createdOn": "MM-dd-yyyy HH:mm:ss SSS Z",
    "id": 0,
    "productId": 0,
    "sku": "string",
    "status": 0,
    "statusDesc": "string",
    "updatedOn": "MM-dd-yyyy HH:mm:ss SSS Z"
  }
],
"productCategory": 0,
"productChildMappings": [
  {
    "backUpChildProductName": "string",
    "backUpChildProductPackageTypeId": "string",
    "backUpChildProductPackageTypeName": "string",
    "backUpChildProductUpc": "string",
    "backUpChildQuantity": 0,
    "backUpChildSkuNumber": "string",
    "backUpchildExpirationDateMandatory": true,
    "backupChildId": 0,
    "backupPkgType": 0,
    "childExpirationDateMandatory": true,
    "childId": 0,
    "childProductName": "string",
    "childProductPackageTypeId": "string",
    "childProductPackageTypeName": "string",
    "childProductUpc": "string",
    "childQuantity": 0,
    "childSkuNumber": "string",
    "id": 0,
    "packageType": 0,
    "packageTypeName": "string",
    "productId": 0,
    "productName": "string",
    "productPackageTypeId": "string",
    "productPackageTypeName": "string",
    "productUpc": "string",
    "skuNumber": "string"
  }
],
"productDesc": "string",
"productName": "string",

```

	<pre> "productPackageType": "string", "productPackageTypeId": 0, "productType": 0, "productTypeDesc": "string", "sku": "string", "status": 0, "uom": "string", "upc": "string", "updatedBy": 0, "updatedOn": "MM-dd-yyyy HH:mm:ss SSS Z", "weight": 0 } </pre>
400	{"error": "Bad / Malformed Request"}
401	{"error": "Not Authorized"}
403	{"error": "Not Authenticated"}
404	{"error": "Not Found"}
500	{"error": "Something went wrong. Please try again later."}

2. Update Product API:

Sample Request

Method	URL
POST	/fep/api/v1/product/updateProducts

Note:

ApiKey This is the key that will be provided to client for authorization of the API request.

Type	Params	Values
HEAD	ApiKey	string
HEAD	DEVICE-TYPE	string
HEAD	VER	string
BODY	<pre>{ "attributes": [{ "attributeKey": 1, "attributeValue": "2", "inputType": "TEXT", "mandatory": true, "attribute": "TYPE", "error": "" }, { "attributeKey": 2, "attributeValue": "2300077", "inputType": "TEXT", "mandatory": true, "attribute": "UPC", "error": "" }, { "attributeKey": 3, "attributeValue": "3", "inputType": "TEXT", "mandatory": true, "attribute": "UOM", "error": "" }, { "attributeKey": 4, "attributeValue": "3", "inputType": "NUMBER",</pre>	

```
        "mandatory": true,
        "attribute": "MIN",
        "error": ""
    },
    {
        "attributeKey": 5,
        "attributeValue": "3",
        "inputType": "NUMBER",
        "mandatory": true,
        "attribute": "MAX",
        "error": ""
    },
    {
        "attributeKey": 6,
        "attributeValue": "0",
        "inputType": "BOOLEAN",
        "mandatory": true,
        "attribute": "EXPIRY DATE REQUIRED",
        "error": ""
    },
    {
        "attributeKey": 7,
        "attributeValue": "",
        "inputType": "NUMBER",
        "mandatory": false,
        "attribute": "MINIMUM EXPIRATION DAYS",
        "error": ""
    },
    {
        "attributeKey": 8,
        "attributeValue": "3",
        "inputType": "DECIMAL",
        "mandatory": true,
        "attribute": "WEIGHT",
        "error": ""
    },
    {
        "attributeKey": 9,
        "attributeValue": "3",
        "inputType": "NUMBER",
        "mandatory": true,
        "attribute": "PACKAGE_TYPE",
        "error": ""
    },
    {
        "attributeKey": 10,
        "attributeValue": "",
        "inputType": "URL",
        "mandatory": false,
        "attribute": "IMAGES",
```

```
        "error": ""
    },
    {
        "attributeKey": 11,
        "attributeValue": "",
        "inputType": "URL",
        "mandatory": false,
        "attribute": "VIDEOS",
        "error": ""
    },
    {
        "attributeKey": 12,
        "attributeValue": "3",
        "inputType": "DECIMAL",
        "mandatory": true,
        "attribute": "UNIT_PRICE",
        "error": ""
    },
    {
        "attributeKey": 13,
        "attributeValue": "3",
        "inputType": "NUMBER",
        "mandatory": true,
        "attribute": "MIN_BULK_QUANTITY",
        "error": ""
    },
    {
        "attributeKey": 14,
        "attributeValue": "",
        "inputType": "TEXT",
        "mandatory": false,
        "attribute": "BRAND",
        "error": ""
    },
    {
        "attributeKey": 15,
        "attributeValue": "",
        "inputType": "URL",
        "mandatory": false,
        "attribute": "THUMBNAIL",
        "error": ""
    },
    {
        "attributeKey": 16,
        "attributeValue": "0",
        "inputType": "BOOLEAN",
        "mandatory": true,
        "attribute": "Lot Number",
        "error": ""
    }
}
```

	<pre>], "productDesc": "Product Description Sample Demo", "productName": "Product Description Name Demo", "sku": "Demo-0001212", "accountId": "Sample", "productType": "1", "productCategory": "1", "isSerialize": "0", "productMappings": [{ "backUpPackageType": "", "backUpProductId": null, "backUpQuantity": null, "packageType": "", "productId": null, "quantity": null }] } </pre>
--	---

Sample Response Codes

Status	Response
200	<pre> { "accountId": "string", "canDisable": true, "canEditSubComponents": true, "categoryDesc": "string", "createdBy": 0, "createdOn": "MM-dd-yyyy HH:mm:ss SSS Z", "customerName": "string", "expirationDateBefore": "MM-dd-yyyy HH:mm:ss SSS Z", "expirationDateMandatory": true, "id": 0, "isSerialize": 0, "minimumExpirationDays": "string", "productAttributes": [{ "accountId": "string", "attributeDesc": "string", "attributeId": 0, "attributeName": "string", "attributeType": 0, </pre>

```

    "createdOn": "MM-dd-yyyy HH:mm:ss SSS Z",
    "id": 0,
    "productId": 0,
    "sku": "string",
    "status": 0,
    "statusDesc": "string",
    "updatedOn": "MM-dd-yyyy HH:mm:ss SSS Z"
  }
],
"productCategory": 0,
"productChildMappings": [
  {
    "backUpChildProductName": "string",
    "backUpChildProductPackageTypeId": "string",
    "backUpChildProductPackageTypeName": "string",
    "backUpChildProductUpc": "string",
    "backUpChildQuantity": 0,
    "backUpChildSkuNumber": "string",
    "backUpchildExpirationDateMandatory": true,
    "backupChildId": 0,
    "backupPkgType": 0,
    "childExpirationDateMandatory": true,
    "childId": 0,
    "childProductName": "string",
    "childProductPackageTypeId": "string",
    "childProductPackageTypeName": "string",
    "childProductUpc": "string",
    "childQuantity": 0,
    "childSkuNumber": "string",
    "id": 0,
    "packageType": 0,
    "packageTypeName": "string",
    "productId": 0,
    "productName": "string",
    "productPackageTypeId": "string",
    "productPackageTypeName": "string",
    "productUpc": "string",
    "skuNumber": "string"
  }
],
"productDesc": "string",
"productName": "string",
"productPackageType": "string",
"productPackageTypeId": 0,

```


	<pre> "productType": 0, "productTypeDesc": "string", "sku": "string", "status": 0, "uom": "string", "upc": "string", "updatedBy": 0, "updatedOn": "MM-dd-yyyy HH:mm:ss SSS Z", "weight": 0 } </pre>
400	{"error": "Bad / Malformed Request"}
401	{"error": "Not Authorized"}
403	{"error": "Not Authenticated"}
404	{"error": "Not Found"}
500	{"error": "Something went wrong. Please try again later."}

3. Create Order API:

Sample Request

Method	URL
POST	/fep/api/v1/order/createOrder

Note:

ApiKey This is the key that will be provided to client for authorization of the API request.

Type	Params	Values
HEAD	ApiKey	string
HEAD	DEVICE-TYPE	string
HEAD	VER	string
BODY	<pre>{ "accountId": "string", "addressType": "string", "additionalCharges": 0, "beginDate": "MM-dd-yyyy", "beginDateTime": "HH:mm:ss", "billToAddress": "string", "billToAddress2": "string", "billToCity": "string", "billToCountry": "string", "billToEmail": "string", "billToMobile": "string", "billToName": "string", "billToPostal": "string", "billToState": "string", "carrier": "string", "companyName": "string", "createdOn": "MM-dd-yyyy", "cxEmail": "string", "cxPhone": "string", "d2cOrder": true, "deliveryMode": 0, "deliveryTargetDate": "MM-dd-yyyy", "deliveryTargetTime": "HH:mm:ss", "driverInstructions": "string", "instructions": "string", "isReturnOrder": true, "lastSevenDaysShipment": "string", "lob": 0, "notification": true, "orderDate": "MM-dd-yyyy", "orderItems": [</pre>	

```

    {
      "id": 0,
      "price": 0,
      "quantity": 0,
      "sellPrice": 0,
      "sku": "string"
    }
  ],
  "orderNumber": "string",
  "orderType": 1, (configurable refer to Annexure 1A)
  "signatureRequired": boolean,
  "packingInstructions": "string",
  "paymentMode": 0, (configurable refer to Annexure 4A)
  "paymentStatus": 0, (configurable refer to Annexure 4B)
  "pickupDate": "MM-dd-yyyy",
  "pickupTime": "HH:mm:ss",
  "postalCode": "string",
  "productType": 0,
  "providerId": 0,
  "referenceId": "string",
  "serviceType": 0,
  "shipFromAddress": "string",
  "shipToAddress": "string",
  "shipToAddress2": "string",
  "shipToCity": "string",
  "shipToCountry": "string",
  "shipToEmail": "string",
  "shipToMobile": "string",
  "shipToName": "string",
  "shipToState": "string",
  "shipperId": 0 (Please refer to Annexure 3A)
}

```

Sample Response Codes

Status	Response
200	{"Success"}
400	{"error": "Bad / Malformed Request"}
401	{"error": "Not Authorized"}
403	{"error": "Not Authenticated"}
404	{"error": "Not Found"}
500	{"error": "Something went wrong. Please try again later."}

4. Cancel Order API:

Sample Request

Method	URL
GET	/fep/api/v1/order/cancelOrder/{orderNumber}

Note:

ApiKey This is the key that will be provided to client for authorization of the API request.
This API is called when order needs to be cancelled.

Type	Params	Values
HEAD	ApiKey	string
HEAD	DEVICE-TYPE	string
HEAD	VER	string
BODY		

Response Codes

Status	Response
200	{"Success"}
400	{"error": "Bad / Malformed Request"}
401	{"error": "Not Authorized"}
403	{"error": "Not Authenticated"}
404	{"error": "Not Found"}
500	{"error": "Something went wrong. Please try again later."}

5. Create ASN API:

Sample Request

Method	URL
POST	/fep/api/v1/inventory/inputInventory

Note:

ApiKey This is the key that will be provided to client for authorization of the API request.
This API is called to upload a new ASN into FEP to receive inventory.

Type	Params	Values
HEAD	ApiKey	String
HEAD	DEVICE-TYPE	string
HEAD	VER	string
BODY	[{ "cost": 0, "expirationDate": "MM-dd-yyyy", "product": "Name of the product to be received", "productUpc": "UPC of the product", "quantity": 0, "batchId": "Batch/Lot number of the product", "referenceNumber": "ASN number to be received", "scheduledDate": "MM-dd-yyyy", "scheduledTime": "HH:mm:ss", "supplierName": "Name of the supplier sending ASN", "warehouseLocation": "Warehouse Code" }]	

6. Inventory Update Webhook:

Sample Request

Method	URL
POST	/end/point/details/for/inventory/update/webhook

Note:

Whenever there is any change in inventory, this endpoint will be called in real-time and the update to the inventory will be shared back with the registered source.

In addition to this webhook there is a scheduled process also which executes once every day and syncs the inventory from FEP to remote system if the inventory of remote system and FEP do not match.

Type	Params	Values
HEAD	auth-key	string
HEAD	Content-Type	application/json
BODY	<pre>[{ "id": "5Sample5960", "warehouseLocation": 5, "accountId": "Sample", "productId": 3798, "skuNumber": "5960", "productName": "Tarwinder01", "productCategory": 1, "productType": 1, "productBatchNumber": "XXXXXXXXXX", "marketDesc": "SFOX1", (Refer to Annexure 3A) "minAttr": "1", "maxAttr": "1000", "uom": "pcs", "upc": "5960", "onHand": "9", "allocated": "0", "damaged": "0", "shrinkage": "0", "delivered": "0", "availableToPromise": "1", "freeze": "0", "icqa": "0", }]</pre>	

Expected Response Codes

Status	Response
200	{"ok"}
400	{"error": "Bad / Malformed Request"}
401	{"error": "Not Authorized"}
403	{"error": "Not Authenticated"}
404	{"error": "Not Found"}
500	{"error": "Something went wrong. Please try again later."}

7. Get Order Info:

Sample Request

Method	URL
GET	/fep/api/v1/order/findByOrderNumberAdvance/4066445230135

Note:

User can call this api to get the latest status of the order created and processed in FEP.

Type	Params	Values
HEAD	ApiKey	string
HEAD	Content-Type	application/json
HEAD	DEVICE-TYPE	string
HEAD	VER	integer
BODY		

Expected Response Codes

Status	Response
200	<pre>{ "responseStatus": true, "responseStatusCode": 200, "responseObject": { "orderNumber": { "id": "4066445230135" }, }, "orderInfo": { "createdOn": "10-19-2021 12:01:08 000 +0000", "updatedOn": "10-19-2021 21:51:48 000 +0000", "parentOrder": "4066445230135", "orderType": 6, "orderTypeDesc": "GROUND", "status": 6, "orderStatusDesc": "Shipped", "accountId": "Noshinku", "companyName": "Noshinku Inc.", "shipperId": 8, "warehouseLocation": "LAXX1",</pre>


```

    "createdBy": 102,
    "createdByName": "Noshinku Inc.",
    "updatedBy": 461,
    "updatedByName": "Robert Nelson",
    "totalQuantity": 1,
    "totalWeight": 0.35,
    "additionalCharges": 0,
    "paymentMode": 1,
    "paymentStatus": 1,
    "addressType": "Residential",
    "productCategory": 1,
    "productCategoryDesc": "Ambient",
    "serviceType": "FIRST CLASS",
    "lob": 3,
    "lobStatus": "D2C"
  },
  "additionalInfo": {
    "channel": "EXTERNAL_API",
    "referenceId": "16915",
    "deliveryTargetDate": "10-19-2021 00:00:00 000 +0000",
    "trackingId": "420336259200190306368900008800",
    "internalTrackingId": "20211019213548319",
    "boxId": "MB-2021101613405483",
    "boxCount": 3,
    "carrier": "USPS",
    "notification": true,
    "companyName": "Amazon",
    "beginDate": "05-10-0187 00:00:00 000 +0000",
    "reason": "Shipped by Francisca Castillo through label
420336259200190306368900008800",
    "isAsnGenerated": false,
    "orderState": 0,
    "tags": "#114-4092807-0771467, Amazon, Amazon USA,
Amazon.com",
    "otm": 1,
    "carrierAccountId": "XPDEL",
    "trackingUrl":
"https://tools.usps.com/go/TrackConfirmAction?tRef=fullpage
&tLabels=420336259200190306368900008800"
  },
  "shipFromInfo": {
    "shipFromName": "Noshinku Inc.",
    "shipFromAddress": "16111 Canary Ave",
    "shipFromCity": "La Mirada",
    "shipFromState": "CA",
    "shipFromCountry": "USA",
    "shipFromPostalCode": "90638",
    "shipFromEmail": "support@xpdel.com",
    "shipFromMobile": "516-530-9110"
  },
},

```

```

"shipToInfo": {
  "shipToName": "Meghann Thacker",
  "shipToAddress": "6720 GILDA DR",
  "shipToCity": "TAMPA",
  "shipToState": "FL",
  "shipToCountry": "USA",
  "postalCode": "33625-3916",
  "shipToEmail": "s4ws536qknwmywj@trash.mp.common-
services.com",
  "shipToMobile": "000-000-0000",
  "shipToCountryId": 1,
  "shipToStateId": 10
},
"billToInfo": {
  "billToName": "Meghann Thacker",
  "billToAddress": "6720 GILDA DR",
  "billToCity": "TAMPA",
  "billToState": "FL",
  "billToCountry": "USA",
  "billToPostal": "33625-3916",
  "billToEmail": "s4ws536qknwmywj@trash.mp.common-
services.com",
  "billToMobile": "000-000-0000",
  "billToCountryId": 1,
  "billToStateId": 10
},
"assignTo": {
  "pickUpAssignTo": 461,
  "assignToName": "Francisca Castillo"
},
"productNames": " 20ml Discovery (x3) Pocket Hand
Sanitizer",
"orderItems": [
  {
    "id": 216073,
    "orderNumber": {
      "id": "4066445230135"
    },
    "createdOn": "10-19-2021 12:01:08 000 +0000",
    "orderType": 6,
    "accountId": "Noshinku",
    "orderStatus": 6,
    "sku": "20ml Bergamot",
    "parentSku": "20ml Discovery (x3)",
    "productName": "20 ml Bergamot (Black) Pocket",
    "productDesc": "Organic Bergamot Hand Sanitizer .20
ml Bottle. Black 20ml pocket sprayer",
    "productCategory": 1,
    "productCategoryDesc": "Ambient",
    "productId": 3370,

```

```

    "quantity": 1,
    "weight": 0.11,
    "price": 25,
    "actualQuantity": 1,
    "parentProductId": 5640,
    "prodId": 3370,
    "updatedOn": "10-19-2021 19:01:14 000 +0000",
    "productTypeId": 1,
    "productTypeValue": "Product",
    "productUpc": "851263008018",
    "productThumbnail":
"https://felep.xpdel.com/XPDEL_OUT/fep_thumbnails/161482793
50037360.png",
    "productPackageTypeId": 3
  },
  {
    "id": 216074,
    "orderNumber": {
      "id": "4066445230135"
    },
    "createdOn": "10-19-2021 12:01:08 000 +0000",
    "orderType": 6,
    "accountId": "Noshinku",
    "orderStatus": 6,
    "sku": "20ml Discovery (x3)",
    "productName": "20ml Discovery (x3) Pocket Hand
Sanitizer",
    "productDesc": "POCKET HAND SANITIZER DISCOVERY | 3-
PACK\none of each pocket scent",
    "productCategory": 1,
    "productCategoryDesc": "Ambient",
    "productId": 5640,
    "quantity": 1,
    "weight": 0,
    "price": 25,
    "actualQuantity": 1,
    "prodId": 5640,
    "updatedOn": "10-19-2021 19:01:14 000 +0000",
    "productTypeId": 3,
    "productTypeValue": "Bundle",
    "productUpc": "20ml Discovery (x3)",
    "productPackageTypeId": 3
  },
  {
    "id": 216071,
    "orderNumber": {
      "id": "4066445230135"
    },
    "createdOn": "10-19-2021 12:01:08 000 +0000",
    "orderType": 6,

```

```

"accountId": "Noshinku",
"orderStatus": 6,
"sku": "20ml Eucalyptus",
"parentSku": "20ml Discovery (x3)",
"productName": "20ml Eucalyptus (Green) Pocket",
"productDesc": "Organic Eucalyptus Hand Sanitizer
.20 ml Bottle. Green 20ml pocket sprayer",
"productCategory": 1,
"productCategoryDesc": "Ambient",
"productId": 3368,
"quantity": 1,
"weight": 0.11,
"price": 25,
"actualQuantity": 1,
"parentProductId": 5640,
"prodId": 3368,
"updatedOn": "10-19-2021 19:01:14 000 +0000",
"productId": 1,
"productTypeValue": "Product",
"productUpc": "851263008032",
"productThumbnail":
"https://felep.xpdel.com/XPDEL_OUT/fep_thumbnails/161482796
97975040.png",
"productPackageTypeId": 3
},
{
"id": 216072,
"orderNumber": {
"id": "4066445230135"
},
"createdOn": "10-19-2021 12:01:08 000 +0000",
"orderType": 6,
"accountId": "Noshinku",
"orderStatus": 6,
"sku": "20ml Lavendula",
"parentSku": "20ml Discovery (x3)",
"productName": "20ml Lavendula (Purple) Pocket",
"productDesc": "Organic Lavendula Hand Sanitizer .20
ml Bottle. Pink 20ml pocket sprayer",
"productCategory": 1,
"productCategoryDesc": "Ambient",
"productId": 3369,
"quantity": 1,
"weight": 0.11,
"price": 25,
"actualQuantity": 1,
"parentProductId": 5640,
"prodId": 3369,
"updatedOn": "10-19-2021 19:01:14 000 +0000",
"productId": 1,

```

	<pre> "productTypeValue": "Product", "productUpc": "851263008025", "productThumbnail": "https://felep.xpdel.com/XPDEL_OUT/fep_thumbnails/161359638 67172292.jpg", "productPackageTypeId": 3 }], "accountInfo": { "createdOn": "10-27-2020 19:33:45 000 +0000", "updatedOn": "10-18-2021 14:40:42 000 +0000", "id": 4, "accountId": "Noshinku", "accountType": 1, "referenceCode": "Noshinku", "companyName": "Noshinku Inc.", "customerName": "Noshinku", "addressLine1": "New York", "zipCode": "10002", "country": 1, "countryName": "USA", "state": 33, "stateName": "NY", "city": 18875, "cityName": "New York", "businessPhone": "201-540-9647", "contactName": "Support", "contactEmail": "support@noshinku.com ", "contactPhone": "201-540-9647", "accountStatus": 1, "authToken": "eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJcdTAwMWIqXHUwMDFlI1x1MDAxY 1x1MDAxZF8mIiwiaXNzIjoieY29tLnhwZGVsLnNlcnZpY2VzIiwiaWF0Ijox NTk3MjM2MDIwLjQqdGkiOiIxMmE3MjQyYy04N2FhOWNlZWY0NTAifQ.w44rWdUT5r1HmGfUBOd0Pix_vkqcGX53p1SIb5NH2hY ", "addressValidation": 1, "apiAccessRequired": 0 }, "shipstationOrder": 0, "updateCarrier": true } } </pre>
400	{"error": "Bad / Malformed Request"}
401	{"error": "Not Authorized"}
403	{"error": "Not Authenticated"}
404	{"error": "Not Found"}

500

```
{"error": "Something went wrong. Please try again later."}
```

8. Order Status / Tracking Update Webhook:

Sample Request

Method	URL
POST	/end/point/details/for/order/status/update/webhook

Note:

Whenever there is any change in the status of the order, this endpoint will be called in real-time and the updated status will be shared back with the registered source.

Type	Params	Values
HEAD HEAD	auth-key Content-Type	string application/json
BODY	<pre>{ "totalItems": 1, "orderNumber": "4208119513249", "orderReferenceNumber": "1001", "totalSubOrders": 1, "totalProductType": 1, "subOrdersList": [{ "orderType": 2, "reason": "", "orderNumber": "4208119513249", "parentOrder": "4208119513249", "warehouseLocation": 1, "orderStatusDesc": "InTransit", (Refer to Annexure 1B) "orderStatus": 12, (Refer to Annexure 1B) "orderItems": [{ "quantity": 1, "sku": "56565656", "productBatchNumber": "XXXXXXXXXX" }], "referenceId": "1001", "orderTypeDesc": "NEXTDAY", "deliveryTargetTime": "17:23", "productTypeDesc": "Ambient",</pre>	

	<pre> "carrier": "XPDEL", "totalQuantity": 1, "carrierTrackingId": "20210705171517497", "totalWeight": 2.0, "deliveryDate": "07/05/2021", "productType": 1, "trackingId": "20210705171517497" }] } </pre>
--	--

Expected Response Codes

Status	Response
200	{"ok"}
400	{"error": "Bad / Malformed Request"}
401	{"error": "Not Authorized"}
403	{"error": "Not Authenticated"}
404	{"error": "Not Found"}
500	{"error": "Something went wrong. Please try again later."}

Glossary

Conventions

- **Client** - Client application.
- **Status** - HTTP status code of response.
- All the possible responses are listed under 'Responses' for each method. Only one of them is issued per request server.
- All responses are in JSON format.
- All request parameters are mandatory unless explicitly marked as [optional]
- The type of values accepted for a *request* parameter are shown the values column like this [10|<any number>]. The | symbol means OR. If the parameter is [optional], the default value is shown in blue bold text, as 10 is written in [10|<any number>].
- Standard response timeout of 20 seconds as per http specifications needs to be considered.
- The request URL will be a standard HTTP(s) URI. e.g. https://serverIp:port/

HTTP Methods

Method	CRUD	Description
POST	Create	On successful creation, return HTTP status 201, returning a Location header with a link to the newly-created resource with the 201 HTTP status.
PUT	Update/Replace	On successful update, return 200 (or 204 if not returning any content in the body) from a PUT. If using PUT for create, return HTTP status 201 on successful creation.
DELETE	Delete	Delete is used to delete a resource identified by URI.
GET	Read	The HTTP GET method is used to read (or retrieve) a representation of a resource.
PATCH	Update/Modify	PATCH is used for modify capabilities. The PATCH request only needs to contain the changes to the resource, not the complete resource.

Status Codes

All status codes are standard HTTP status codes. The below ones are used in this API document.

2XX - Success of some kind

4XX - Error occurred in client's part

5XX - Error occurred in server's part

Annexure 1A

Training (pre-prod) : <https://stgindia.xpdel.com/fep/api/v1>
Production URL : <https://india.xpdel.com/fep/api/v1>
Sandbox URL : <https://developer.advatix.net/fep/api/v1>
Base URL for the tracking : https://{fepIp:port}/fep/tracking/{order_id}

Order Type Master

Id	Order-Type
1	EXPEDITED
2	EXPRESS
3	RETURN

Annexure 1B

Below are the details of the Order Status and Status Description

Status Code	Status Description
1	Created
6	Shipped
7	Out for Delivery
8	Delivered
9	Packed
12	In Transit
14	Returned
15	Address Check Failed

Annexure 2A

Below are the details of the product type which are used during product creation

ID	Type
1	Product
2	Kit
3	Bundle

Annexure 2B

Below are the details of the product categories which are used during product creation

ID	Type
1	Ambient
2	Produce
3	Cold
4	Frozen
5	Hazardous

Annexure 3A

Below are the details of the shipper IDs that can be passed during ASN creation and order creation

id	Warehouse Location	Warehouse Code
1	XPDEL Delhi	DELX1
2	XPDEL Bangalore	BLRX1
3	XPDEL Mumbai	MUMX1

Annexure 4A

Below are the details of the Payment Details

id	Payment	Code
1	Cash On Delivery (COD)	1
2	Prepaid	2

Annexure 4B

Below are the details of the Payment Status

id	Payment	Code
1	Paid	1
2	Pending	0