

Get Cimpres Orders

Description

The Get Cimpres Orders App helps fulfiller to receive Enfocus Switch Integration orders present in Cimpres Mass Customization Platform (MCP).

With this app fulfillers can:

- Download details of the order and order-items from MCP.
- Get order details in both xml and json format.
- Automatically download artwork ,preview and jobsheet files related to the order-items in the order.
- Create a new folder to place new orders in a directory that is configured with the app's outgoing data connection.
- Create new folders for every order-item in the respective order folder to hold associated artifacts for the order-item.

Prerequisites

- This app is for fulfillers/suppliers who are registered on the Cimpres Mass Customization Platform (MCP).
- Fulfillers need to set their configuration in Supplier Integration Platform in MCP.

Compatibility

Switch Version Required: Switch 22 and above.

Platform: Windows,Mac

Connections

The Get Cimpres Orders uses the TrafficLight outgoing connection. It has two connections, one to carry data and the other to carry logs. The orders retrieved from MCP are routed to the directory configured with the outgoing connection that carries jobs of type data. The logs generated in the app are routed to the directory linked with the connection that carries logs.

The screen below shows the integration of Get Cimpress Orders into a workflow in Enfocus Switch:

The screenshot displays a workflow diagram at the top and a properties window below. The workflow shows a 'GetCimpressOrder' script element with two outgoing arrows: one to a folder named 'Received MCP Item' and another to a folder named 'Folder 36'. The properties window for the 'GetCimpressOrder' script element is shown below, with the following details:

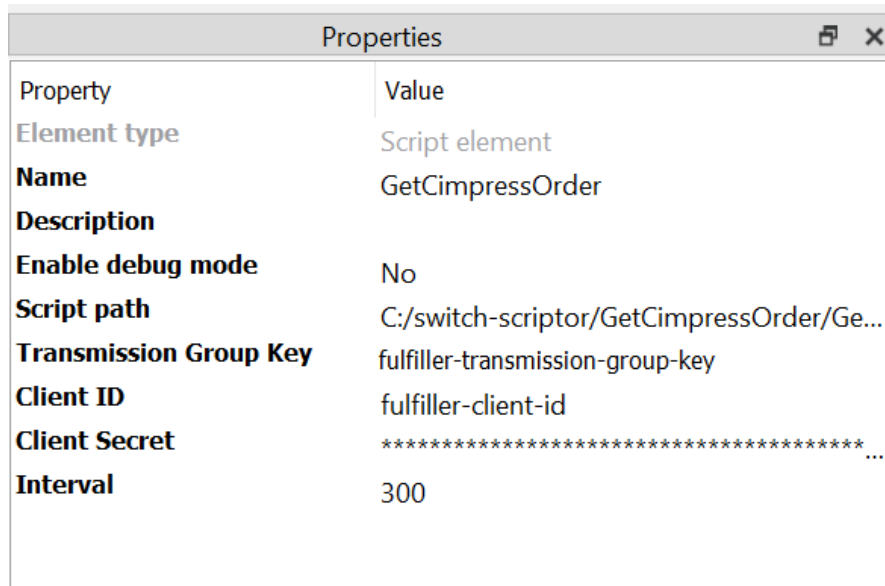
Property	Value
Element type	Script element
Name	GetCimpressOrder
Description	
Enable debug mode	No
Script path	C:/switch-scriptor/GetCimpressOr...
Transmission Group Key	fulfiller-transmission-group-key
Client ID	fulfiller-client-id
Client Secret	***** ...
Interval	300

On the right side of the properties window, a file tree is visible under the folder 'Received MCP Item [11]', showing a sub-folder 'TestItem123' containing the following files:

- Artwork-TestItem123.pdf
- Jobsheet-TestItem123.pdf
- Preview-TestItem123.ipeq
- TestItem123.ison
- TestItem123.xml

Fig 1: Flow of Get Cimpress Order

Properties detailed info



Property	Value
Element type	Script element
Name	GetCimpressOrder
Description	
Enable debug mode	No
Script path	C:/switch-scriptor/GetCimpressOrder/Ge...
Transmission Group Key	fulfiller-transmission-group-key
Client ID	fulfiller-client-id
Client Secret	***** ...
Interval	300

Fig 2: Properties Pane

Flow elements properties

- Transmission Group Key
 - A unique Identifier for the fulfiller's using Enfocus Switch Integration which will help them to fetch their specific orders from the MCP, this also represents Supplier Integration Configuration group.
- Client Id
 - The identifier of the client who has access to receive MCP orders for the fulfiller.
- Client Secret
 - The secret linked with the Client Id
- Interval
 - The time interval in seconds between successive runs of the app. To avoid overlapping two successive app runs, an interval of 10 minutes is recommended.

A sample order detail in JSON Format is given below:

```
{
  "orderMetadata": {
    "orderId": "sampleOrderId",
    "createdDate": "2023-10-31T10:17:32.721+00:00",
    "promisedArrivalDate": "2023-11-29",
    "merchantId": "internal-test-merchant",
    "merchantOrderId": "20231031091007-Ram-Krishna",
    "merchantOrderSupport": {
      "email": "sampleEmail",
      "phoneNumber": "1234567"
    }
  }
}
```

```
},
"destinationAddress": {
  "country": "IN",
  "postalCode": "12334",
  "stateOrProvince": "State",
  "city": "Bengaluru",
  "company": null,
  "firstName": "Ram Krishna",
  "lastName": "Jha",
  "street1": "",
  "street2": ""
},
"consigneeAddress": {},
"items": [
  {
    "itemId": "testItemId",
    "isTestItem": "false",
    "sku": "Test-sku",
    "orderId": "testOrderId",
    "quantity": "100",
    "name": "Bajirao-Flyer",
    "description": "",
    "document": "documentLink",
    "productManufacturingData": {
      "productCode": "TestCode123",
      "fulfillerProductId": "TestId123",
      "ProductionLine": "1A"
    },
    "merchantInformation": {
      "itemId": "1a0f1873-5138-4d1d-a2d9-c616d7741641",
      "productName": "Bajirao-Flyer"
    },
    "shippingPlans": {
      "expectedCarrierServiceKey": "",
      "expectedCarrierServiceName": "",
      "expectedShipTime": "",
      "expectedShipTimeIsLate": ""
    },
    "deliveryDetails": [
      {
        "type": "Standard",
        "quantity": "100",
        "destinationAddress": {
          "city": "Bengaluru",
          "company": null,
          "firstName": "Ram Krishna",
          "lastName": "Jha",
          "street1": "RMZ Latitude 11th Floor",
          "street2": "Hebbal",
          "country": "IN",
```

```

        "postalCode": "122345",
        "stateOrProvince": "State",
        "isPOBox": null,
        "isResidential": null
    }
}
],
"shippingLabelDetails": {
    "returnAddress": {}
}
}
}

```

A sample order detail in XML format is given below:

```

<?xml version="1.0" encoding="UTF-8"?>
<orderMetadata>
  <orderId>TestOrderId</orderId>
  <createdDate>2023-10-31T10:17:32.721+00:00</createdDate>
  <promisedArrivalDate>2023-11-29</promisedArrivalDate>
  <merchantId>internal-test-merchant</merchantId>
  <merchantOrderId>TestMerchantId </merchantOrderId>
  <merchantOrderSupport>
    <email>CTCommerceTribe@cimpress.com</email>
    <phoneNumber>+18675309</phoneNumber>
  </merchantOrderSupport>
  <destinationAddress>
    <country>IN</country>
    <postalCode>123455</postalCode>
    <stateOrProvince>State</stateOrProvince>
    <city>Bengaluru</city>
    <company>null</company>
    <firstName>Ram Krishna</firstName>
    <lastName>Jha</lastName>
    <street1>StreetName</street1>
    <street2>Street Name 2</street2>
  </destinationAddress>
  <consigneeAddress>
  </consigneeAddress>
  <items>
    <item>
      <itemId>testItemId</itemId>
      <isTestItem>false</isTestItem>
      <sku>testSku</sku>
      <orderId>testOrderId</orderId>
      <quantity>100</quantity>
      <name>Bajirao-Flyer</name>
      <description></description>
    </item>
  </items>
</orderMetadata>

```

```
<document>documentLink </document>
<productManufacturingData>
  <productCode>TestCode123</productCode>
  <fulfillerProductId>TestId123</fulfillerProductId>
  <ProductionLine>1A</ProductionLine>
</productManufacturingData>
<merchantInformation>
  <itemId>ItemId </itemId>
  <productName>Bajirao-Flyer</productName>
</merchantInformation>
<shippingPlans>
  <expectedCarrierServiceKey></expectedCarrierServiceKey>
  <expectedCarrierServiceName></expectedCarrierServiceName>
  <expectedShipTime></expectedShipTime>
  <expectedShipTimelsLate></expectedShipTimelsLate>
</shippingPlans>
<deliveryDetails>
  <deliveryDetail>
    <type>Standard</type>
    <quantity>100</quantity>
    <destinationAddress>
      <city>Bengaluru</city>
      <company>null</company>
      <firstName>Ram Krishna</firstName>
      <lastName>Jha</lastName>
      <street1>Street </street1>
      <street2>Street2</street2>
      <country>IN</country>
      <postalCode>12345</postalCode>
      <stateOrProvince>State</stateOrProvince>
      <isPOBox>null</isPOBox>
      <isResidential>null</isResidential>
    </destinationAddress>
  </deliveryDetail>
</deliveryDetails>
</item>
</items>
<shippingDetails>
  <returnAddress>
  </returnAddress>
</shippingDetails>
</orderMetadata>
```

Sample Logs Body we get in Get Cimpres Orders App

```
[
  {
    "level": "info",
    "timestamp": "Thu, 02 Nov 2023 06:13:05 GMT",
    "message": "Get Orders App started."
  },
  {
    "level": "info",
    "timestamp": "Thu, 02 Nov 2023 06:13:06 GMT",
    "message": "Fetching downloadables from order."
  }
]
```

Outgoing connections properties

NA

Versions:

Version #	Updates
Version 1	New App in Enfocus Switch Store which helps fulfiller to receive order from Cimpres Mass Customization Platform.