

Send Cimpress Notifications

Description

The Send Cimpress Notifications app helps fulfillers/Suppliers to send order notifications from their Enfocus Switch Flow system to the Cimpress Mass Customization Platform (MCP).

With this app, fulfillers can send the following notifications to the MCP:

- **Production Accepted** to indicate that the fulfiller has accepted the item for production.
- **Rejected** to indicate that the fulfiller has rejected the item and will not produce it.
- **Production Started** to indicate that the fulfiller has started production of the item.
- **Shipped** to indicate that the fulfiller has shipped the item.

Prerequisites

This app is for fulfillers/suppliers who are registered on the Cimpress Mass-Customization Platform (MCP).

Compatibility

Switch Version Required: Switch 18 and above.

Platform: Windows

In case your app works together with third-party applications:

Compatibility third-party applications

NA

Application discovery details

Explain how the app can find the third-party application(s) on the system.

NA

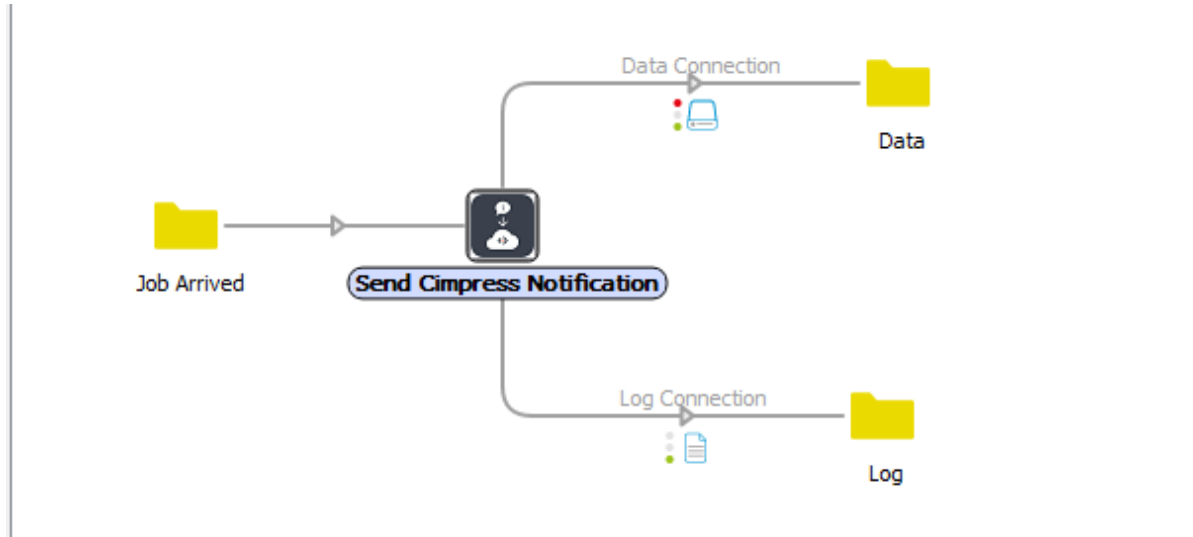
Connections

The Send Cimpress Notifications app uses TrafficLight outgoing connection. It has 2 connections

The first to send to logs. This should carry jobs of type Log with both Success and Error out set to Yes.

The second to send the private data to job and should carry jobs of type Data. And success out set to Yes.

The screen below shows the integration of Send Cimpress Notifications app into a workflow in Enfocus Switch.



Properties	
Property	Value
Name	Send Cimpress Notification
Description	
Choose authentication type	By UserId and Password
<i>User Id</i>	user@domain.com
<i>Password</i>	*****
Notification Type	Production Accepted
<i>Item Id</i>	XYZ
Opaque JSON dataset name	Test-Dataset-Name
Private data key	Test-Private-Data-Key

Properties detailed info

Property	Value
Name	Send Cimpress Notification
Description	
Choose authentication type	By Client Id and Client Secret
<i>Client Id</i>	0hMKJ162tG
<i>Client Secret</i>	*****
Notification Type	Production Started
<i>Item Id</i>	XYZ
Opaque JSON dataset name	Test-Dataset-Name
Private data key	Test-Private-Data-Key

Property	Value
Name	Send Cimpress Notification
Description	
Choose authentication type	By UserId and Password
<i>User Id</i>	user@domain.com
<i>Password</i>	*****
Notification Type	Rejected
<i>Item Id</i>	XYZ
<i>Rejection Reason</i>	Incorrect artwork format
Opaque JSON dataset name	Test-Dataset-Name
Private data key	Test-Private-Data-Key

Property	Value
Name	Send Cimpress Notification
Description	
Choose authentication type	By UserId and Password
<i>User Id</i>	user@domain.com
<i>Password</i>	*****
Notification Type	Shipped
<i>Shipping Details</i>	{ "sourceOrderId": "xyz", "trackingNumber": "123", "trackingUrl": "https://trackingUrl/123" } >
Opaque JSON dataset name	Test-Dataset-Name
Private data key	Test-Private-Data-Key

Depending on the Notification Type received in the incoming Job Item Id or Shipping Details are picked from the incoming Job and notification is raised at Cimpress.

Flow elements properties

- Choose authentication type
 - Select By UserId and Password to perform authentication by providing user credentials.
 - Select By Client Id and Client Secret to perform authentication by providing client credentials.
- User Id
 - The identifier of the user who has access to MCP to receive orders for the specified fulfiller.
 - This is an additional property and will be visible when the user selects By UserId and Password to Choose authentication type property.
- Password
 - The password for the mentioned User Id.
 - This is an additional property and will be visible when the user selects By UserId and Password to Choose authentication type property.
- Client Id
 - The identifier of the client who has access to send notification to Cimpress

- MCP for the said fulfiller.
 - This is an additional property and will be visible when the user selects By Client Id and Client Secret to Choose authentication type property.
- Client Secret
 - The secret linked with the Client Id.
 - This is an additional property and will be visible when the user selects By Client Id and Client Secret to Choose authentication type property.
- Notification Type
 - The type of notification to be raised.
 - Select the notification from the drop-down list or Define single line text with variable or Define script expression
- ItemId
 - The identifier of the item for which the notification must be raised.
 - ItemId would be visible for Notification Type *Production Accepted*, *Production Started*, and *Rejected* notifications.
- Rejection Reason
 - The reason why an item was rejected.
 - Rejection Reason would be visible for Notification Type *Rejected*.
- Shipping Details
 - This data field will be visible for *Shipped* Notification Type only.
 - The details of the shipment.
 - The following details must be defined under the *shipping details* data field:
- sourceOrderId
 - The orderId of the shipped order.
- trackingNumber
 - The tracking number for the shipment.
- trackingUrl
 - The URL that the customer can use to track the shipment of order.
- expectedCarrierService
 - The carrier that will be used to ship the order.
- Items
 - sourceItemId: The IDs of the items in the order.
 - quantity: the quantity of items.
- packages
 - Packages details are not mandatory but highly recommended. Following fields are required within packages.
 - packageId: ID of the package within the shipment.
 - trackingNumber: The tracking number for the package.

- trackingURL: the URL that the customer can use to track the shipment of package.
- Width: the width of the package.
- Height: the height of the package.
- Depth: the depth of the package.
- totalWeight: the total weight the package.
- weightUnit: the unit of measurement of weight.
- dimensionUnit: the unit of measurement of dimensions.
- packagedItems
 - sourceItemId: The IDs of items within the specified package of shipment.
- Opaque JSON dataset name
 - The metadata that holds the details of the Cimpress Notifications would look like.

Opaque JSON dataset	Stored value
<dataset>.NotificationType	The notification type for the job
<dataset>.NotificationData	This is the data required to raise notification at Cimpress for the corresponding notification type. Check example Notification Data below.

- Private data key
 - The app adds information about the parameters that were used to raise the notification.

Private data key	Stored value
<key>.NotificationType	The notification type for the job
<key>.NotificationData	This is the data required to raise notification at Cimpress for the corresponding notification type. Check Sample Notification Data below.

Sample Shipping Details input:

```
{
  "sourceOrderId": "sample-orderId",
  "trackingNumber": "sample-trackingNumber",
  "trackingUrl": "http://sample-trackingURL",
  "expectedCarrierService": "sample-carrier",
  "items": [{
    "sourceItemId": "sample-itemId",
    "quantity": 1000
  }],
  "packages": [{
    "trackingNumber": "sample-trackingNumber",
    "trackingUrl": "http://sample-trackingURL",
```

```

    "packageId": "sample-packageId",
    "width": 240,
    "height": 235,
    "depth": 315,
    "totalWeight": 6440,
    "weightUnit": "g",
    "dimensionUnit": "mm",
    "packagedItems": [{
      "sourceItemId": " sample-itemId"
    }]
  }
}

```

Sample Notification output for Production Accepted and Production Started event:

```
NotificationData: sample-itemId
```

Sample Notification output for Rejected event:

```

NotificationData: {
  "itemId": "sample-itemId",
  "rejectionReason": "sample reason"
}

```

Sample Notification output for Shipped event:

```

NotificationData: {
  "sourceOrderId": "sample-orderId",
  "trackingNumber": "sample-trackingNumber",
  "trackingUrl": "http://sample-trackingURL",
  "expectedCarrierService": "sample-carrier",
  "items": [{
    "sourceItemId": "sample-itemId",
    "quantity": 1000
  }],
  "packages": [{
    "trackingNumber": " sample-trackingNumber ",
    "trackingUrl": " http://sample-trackingURL",
    "packageId": "sample-packageId",
    "width": 240,
    "height": 235,
    "depth": 315,
    "totalWeight": 6440,
    "weightUnit": "g",
    "dimensionUnit": "mm",

```

```
        "packagedItems": [{  
            "sourceItemId": "sample-itemId"  
        }  
    ]  
}
```

Outgoing connections properties

NA

Version #	Updates
V1	New app in Enfocus Switch Appstore to send notifications to Cimpress.
V2	No change in the app. Incremented the version as update in Receive Cimpress Orders app.
V3	Fixed minor issue for ship notification Handled notification for order having multiple items.
V4	No change in the app. Incremented the version because there are updates in Receive Cimpress Orders app.
V5	Fulfillers/Suppliers can now send reason when sending Rejected Notification. Authentication by ClientId and Client Secret is now enabled.
V6	Support for Mac OS