

## Imprint MIS Integration

### Description

Integration to the Imprint Management Information System.

The app will allow you to read various sets of data from the Imprint MIS (jobs, customers, job record cards, finished stock...), update a jobs status and create new jobs.

### Compatibility

This app is compatible with Switch 18 and higher.

Requires the Imprint API version 1.0.150 or above to be installed. You can identify the version of the API by navigating to the ApplicationCheck/GetApplicationData endpoint in a browser.

### Connections

There are no special requirements for incoming connections.

### Properties detailed info

There are four properties common to all integration paths: Action, Imprint API Server URL, API ID and API Secret:

Property	Value
<b>Name</b>	Imprint MIS integration
<b>Description</b>	
<b>Action</b>	<ul style="list-style-type: none"> <li>Get customer metadata</li> <li>✓ Get job metadata</li> <li>Get job status list metadata</li> <li>Get job record card metadata</li> <li>Get finished stock metadata</li> <li>Set job status</li> <li>Create new job</li> </ul>
<b>Job number</b>	
<b>Imprint API Server URL</b>	
<b>Api ID</b>	
<b>API secret</b>	

Use the action property to select the integration path that you want to use. Depending on what option you select will open up other property fields. All properties are described in the next section.

The Get Customer Metadata will read the customer database tables and add a set of data for the customer. A use case would be to check the status of a customer before continuing the flow. The customer code can be supplied direct or identified from a company name, contact name or email address.

Get Job Metadata will read a wide variety of information for the job number supplied, a use case would be to check the job status before moving a job forward in the flow.

Get Job Record Card Metadata will read all job record card information for the fast code supplied to the script.

Get Finished Stock Metadata will read information for the finished stock code supplied, both header information and transactions. This could be used to see if sufficient stock exists to meet an order request.

Set Job Status will update the status of a job, the new status must be a valid status value and the Get Job Status List Metadata action can be used to obtain a current list of status values.

Create New Job allows basic information to be provided to create a new job within the MIS. The web to print integration settings in the works instruction utility module will need to include the following rows exactly as below:

SwitchCustomerCode	371
SwitchTitle	11
SwitchQuantity	16
SwitchDeliveryDate	17
SwitchSize	13

### Flow elements properties

- Action: choose from the dropdown list.
- Imprint API Server URL: enter the base URL for your Imprint API with server name and port without the http prefix, e.g. "imprint-server:9090" is sufficient.
- API ID: the first of two parameters used to authenticate with the API.
- API secret: the second parameter used to authenticate with the API. Both values should be known to you if you are able to develop applications linked to the API, if not please contact Imprint support for more details.
- Customer reference type: only visible if the action is set to get customer metadata. Select the type of data that is being used to read a customer.
- Customer ref: only visible if the action is set to get customer metadata. This will be the customer code itself, a company name, a contact name or email address dependent on the setting for customer reference type.
- Job number: only visible if the action is set to get job metadata or set job status and is the job number to retrieve data for or to update the status against.
- Job record card fast code: only visible if the action is set to get job record card metadata and is the fast code to retrieve data for.
- Finished stock code: only visible if the action is set to get finished stock and is the finished stock code to retrieve data for.
- New job status: only visible if the action is set job status and is the new status to apply to the job. The value given must be a valid job status.
- Customer code: only visible if the action is set to create job.
- Job title: only visible if the action is set to create job.
- Job quantity: only visible if the action is set to create job.
- Delivery date: only visible if the action is set to create job.
- Trim size: only visible if the action is set to create job.

### **Outgoing connections properties**

Outgoing connections are via a traffic light flow with success or error paths. See the message log for any error conditions.