

# Impostrip Redirection Integration v4

## Description

The **Impostrip Redirection Integration app** allows you to use the complete functionality offered by the free of charge XML Redirection interface of Ultimate's Impostrip Automation and Scalable. This improves the flexibility and allows individual settings on per job base. It also allows the installation of Impostrip on a different machine than the Switch Server and is localized in English and German.

The advantages of this app compared to the free version are, that the following parameters can be controlled directly from within your flow:

- handing over custom values to Impostrip
- defining the page range of the submitted PDF
- changing the paper size, the page size, the gutters and the margins
- adding blank pages
- adding an additional mark or barcode

## Compatibility

Switch 2023 Fall and higher.

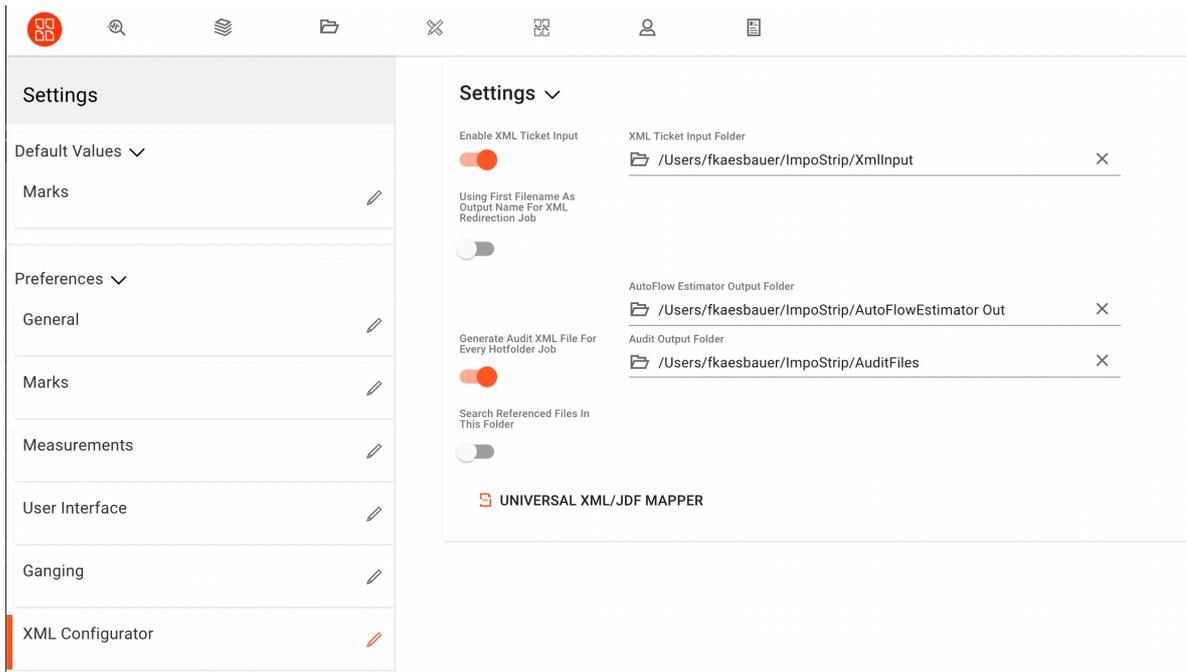
App v4 is NOT backwards compatible with v2 or v1 as it is completely rewritten in TypeScript and the property structure had to be changed to implement the new features!

## Compatibility third-party applications

Ultimate Impostrip 2023.2 and higher

## Application discovery details

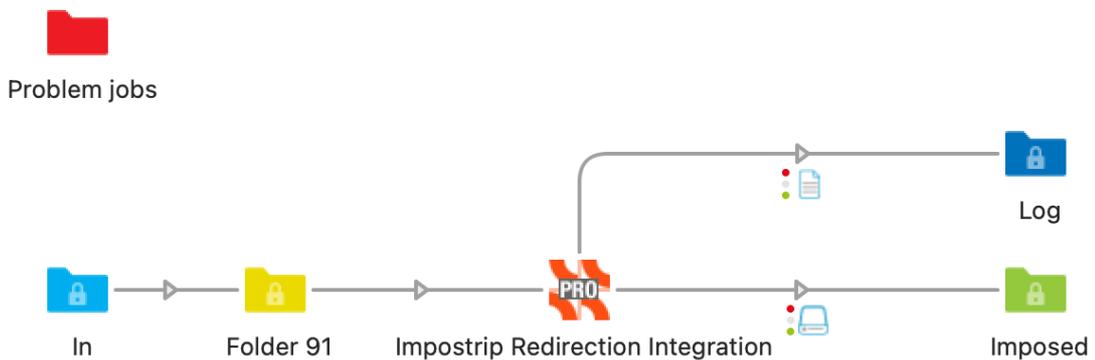
Impostrip Redirection Integration communicates with Impostrip over the folder architecture and the API of Impostrip. You can select the ticket input folder and the audit output folder in the preferences in Impostrip.



### Connections

Impostrip Redirection Integration uses TrafficLight outgoing connections. The processed job is routed according to its status (Success or Error). The created Audit-XML file is routed via the log connection and is also added as dataset

The following screen shot demonstrates how the Impostrip Redirection Integration app can be integrated in a Switch flow.



## Properties detailed info

<b>Impostrip API</b>	Local installation
<b>Timeout waiting time (min)</b>	15
<b>Units</b>	mm
<b>Imposition type</b>	Saddle Stitch
<i>Hotfolder</i>	Saddle Stitched
<i>Change gutters</i>	Yes
<i>Column</i>	Multi-line text with variables defined
<i>Row</i>	Multi-line text with variables defined
<i>Add blank pages</i>	No
<i>Change trim page size</i>	No
<i>Use creep adjustment</i>	Profile
<i>Creep by scaling</i>	No
<i>Calendar creep</i>	Yes
<i>Use booklet maker</i>	No
<b>Use paper profile</b>	By reference
<i>Paper profile</i>	New Paper Profile
<i>Shingling</i>	Medium
<i>Creep</i>	Medium
<b>Use BetterPDF profile</b>	Yes
<i>BetterPDF profile</i>	1. 240ppi - Medium
<b>Quantity</b>	8
<i>Marker for custom number</i>	#
<b>Output all pages</b>	Yes
<b>Use custom values</b>	Yes
<i>Custom values</i>	Multi-line text with variables defined
<b>Expert settings</b>	No
<b>Keep output suffix</b>	Yes
<b>Output RedirectionXML</b>	Yes
<i>Dataset name</i>	RedirectionXML

## Flow elements properties

- Impostrip API:
  - Either local or IP of the system Impostrip is installed on

- Timeout waiting time:
  - Time the app waits for the imposed job before a timeout occurred
- Units:
  - Units used in the app
- Imposition type:
  - Type of the imposition according to “ImpoType” in Impostrip
  - Or “dynamic” -> shows all available properties and types
- Hotfolder:
  - the name of hotfolder (setup) used to impose the job
- Use Paper profile:
  - the name of the paper profile to be used (optional)
- Use BetterPDF profile:
  - the name of the BetterPDF profile to be used (optional)
- Quantity:
  - Number of impositions of the job file. When multiple PDFs are handed over in a folder differing numbers of copies can be set for each single PDF by adding #<number of copies> as a suffix to the *NameProper*. Jobs without this suffix will use the “Quantity” value.

E.g. the quantity value is set to “5”, two files in a folder are handed over with the jobnames *myFirstJob\_#100.pdf* and *mySecondJob.pdf*. This will result in imposing *myFirstJob* a hundred times and *mySecondJob* five times.
- Output all pages:
  - Output all pages or a given page range
- Custom values:
  - hands over variable data for barcodes and text elements to Impostrip. Syntax used for this is <variable defined in Impostrip>TAB<value>CR, e.g.

```
myJobname          [job.getNameProper]
myJobnumber        12-3456
```

- Expert settings:
  - Additional settings to overwrite the setup defined in the hotfolder

<b>Expert settings</b>	Yes
<b><i>Change paper size</i></b>	Yes, dynamic width
<b><i>Width</i></b>	500
<b><i>Width minimum value</i></b>	10
<b><i>Height</i></b>	2000
<b><i>Change sheet margins</i></b>	Yes (dyn. paper size or AutoFlow)
<b><i>Left</i></b>	20
<b><i>Right</i></b>	20
<b><i>Top</i></b>	20
<b><i>Bottom</i></b>	20
<b><i>Add marks profiles</i></b>	Yes
<b><i>Marks profiles</i></b>	Cutmarks
<b><i>Add custom marks</i></b>	Single mark
<b><i>Name</i></b>	RectangleMark
<b><i>Target</i></b>	Paper
<b><i>Anchor</i></b>	5 (center)
<b><i>Anchor</i></b>	1 (center)
<b><i>Offset x (unit as selected under ...</i></b>	0
<b><i>Offset y (unit as selected under ...</i></b>	0
<b><i>Rotation</i></b>	0
<b><i>All Sheets</i></b>	Yes
<b><i>Side(s)</i></b>	Back
<b><i>Sort files in folder</i></b>	ascending
<b><i>Custom jobID</i></b>	Single-line text with variables defined
<b><i>Add paper info to LayCrlmpJDF</i></b>	No
<b><i>Optimize XObjects</i></b>	Yes
<b><i>Optimize fonts</i></b>	Yes
<b><i>Use scalable options</i></b>	Yes
<b><i>Priority</i></b>	High
<b><i>Distribute mode</i></b>	Split and Merge
<b><i>Signatures split limit</i></b>	200
<b>Keep output suffix</b>	Yes
<b>Output RedirectionXML</b>	Yes
<b><i>Dataset name</i></b>	RedirectionXML