



S-Launch Pulse

V1 Documentation

Overview

S-Launch Pulse is a powerful Enfocus Switch extension designed to automate the seamless ingestion of assets from your [S-Launch](#) “Asset Store” into any Switch workflow. Whether you’re processing last-minute client art, ingesting production spreadsheets, or consolidating deliverables from multiple teams, S-Launch Pulse keeps your Switch workflows fed with fresh content - and frees your staff from boring, repetitive tasks - so you can focus on creativity, not copy-and-paste. Acting like a bridge between your cloud-storage and your production pipelines, it eliminates manual file polling and import tasks by providing:

- **Flexible Folder Monitoring:** Point S-Launch Pulse at one or more Asset Store folders and let it keep an eye on every file drop, update or addition. You can filter on file naming conventions, types and created or modified dates, ensuring only exactly the assets you need are captured.
- **Customizable Polling Intervals:** Choose how often you want Switch to check for new items: every few seconds for fast-moving workflows, or once a day for “overnight batching” operations. Granularity spans seconds, minutes, hours or days, so you can balance responsiveness with system load.
- **Automated Job Creation:** As soon as a new file appears in the Asset Store, S-Launch Pulse downloads it and creates a corresponding job in Switch - naming it, stamping it with metadata (Metadata Module required) and routing it into the exact flow you’ve configured.
- **Optional Asset Cleanup:** After a successful download, you can have S-Launch Pulse automatically remove the source file (or moved to a designated folder), keeping your Asset Store tidy and preventing duplicate processing.
- **Easy Configuration & Scaling:** Setup is as simple as adding the S-Launch Pulse element to your flow, pointing it at your Asset Store folder(s), specifying interval and settings, and linking its output to the rest of your processes. Need to monitor one folder or 100? Just duplicate the element - or feed multiple folder paths - and you’re up and running in seconds.

Compatibility

Switch 2024 Fall and higher. Windows and Mac OSX

Incoming Connections


No connection allowed.

Outgoing Connections

One outgoing connection is required.

Flow Element Properties

- **URL:** Specify the URL for S-Launch. e.g. *https://{{domain}}.s-launch.com*
 - **API key:** Enter the API key associated with your instance of S-Launch. This can be found under Admin > Api-Keys and a new key can be created. Make sure to include *store:read* and *store:write* (if wanting to interact with assets after download) scopes.

ApiKey Name My Key Name	
Description	
ApiKey Expiration Date 	
Whitelisted IPs	Blacklisted IPs

Scopes:

self:read stats:read groups:read groups:write form_submissions:read formbuilder:read
formbuilder:write workflow:read workflow:write store:read **store:write** store:share
themes:read logs:read themes:write scopes:read roles:read roles:write users:read
users:write mail templates:read mail templates:write

CANCEL

CREATE

- **Folder schema**

- Monitor folders: Select from a list of available folders to check for new assets every x-interval.ⁱ
 - Ignore unavailable: If one or more folders are no longer accessible, choose to stop processing or skip and continue (if multiple folders are selected).
 - Recursive: If "Recursive" is set to "Yes", all nested sub-directories will be checked matching the conditions specified for retrieval. If "No", only assets in the immediate folder will be pulled.
- File names: Can specify a file name condition when filtering on assets to pull.
Leaving as "Default" will ignore any conditions for this type.
- File types: Can specify file type conditions when filtering on assets to pull.
Leaving as "Default" will ignore any conditions for this type.
***Note:** Using the "file types" property editor's "Job Folder" option will return no results. You cannot download folders.*ⁱⁱ
- Created: Can specify file created date condition when filtering on assets to pull.
Leaving as "Default" will ignore any conditions for this type.
 - Value: The numerical value associated with the Created condition.
- Modified: Can specify file modified date condition when filtering on assets to pull.
Leaving as "Default" will ignore any conditions for this type.
 - Value: The numerical value associated with the Modified condition.
- Interval: A numerical value associated with Units for how often the app will check for new assets.
 - Units: Specify the units' frequency in which the app will check for new files.

ⁱ URL and API key properties are required before selecting from the list of available folders.

ⁱⁱ If "Job Folder" is selected, it will be ignored.

- **Output schema**

- Download: If "Download" is set to "No", a JSON response will be output with the name of the corresponding asset file. If "Yes", the asset will be downloaded and pushed forward.
- Log: If "Log" is set to "Yes", the JSON response will be saved as a JSON dataset on output.
 - Dataset name: The name for the dataset to be created.
- After download: What will happen after the app successfully pulls the Asset Store asset?
 - To folder: Which folder will the asset be moved to upon successful extraction.ⁱⁱⁱ

ⁱⁱⁱ URL and API key properties are required before selecting from the list of available folders.

About S-Launch

S-Launch is a scalable, cloud-based platform built to streamline operations in the print, packaging, and labeling industries. Designed with simplicity and real-world production needs in mind, it offers a mobile-ready, API-first architecture for seamless integration, a customizable form builder for quick job intake, workflow automation and cloud storage. Its unidirectional data flow ensures consistent, up-to-date job information, reducing manual touchpoints and increasing operational speed and accuracy. S-Launch supports growth without increasing staff load.



About Significans Automation

Significans Automation is a software integrator specializing in delivering next-generation automation to the Printing and Packaging industry.

We offer programming and expertise in custom workflow development, deployment of communication and project management systems, color management, and end-to-end business integration. While upholding software neutrality, Significans Automation advises and tailors best in class software to optimally fit the environment.

The level of sophistication that is provided increases profitability, improved quality control, and enhanced production efficiency, enabling Artificial Intelligence and Robotics, while also facilitating new revenue opportunities in e-commerce. We are driven by the conviction that customized automation is the only path forward.