



Date: December 2020

What's new in Enfocus Switch 2020 Fall

Enfocus BV

Kortrijksesteenweg 1095
9051 Gent
Belgium

+32 (0)9 216 98 01
info@enfocus.com

Enfocus Switch 2020 Fall



What's new in the Switch 2020 Fall release

*UX improvements, TypeScript support,
macOS Big Sur compatibility, and more.*

With this release, we continued our UX improvements and kept improving our Scripting environment, while making sure that Switch is compatible with new OS releases.

A complete overhaul of the Switch Web Portal navigation makes it easier to browse the different components of the Web Portal. The interface for building Dashboards and Job Boards is renewed and improved, based on feedback from our users.

Support for TypeScript and IntelliSense was added for Scriptwriters.

Additional features contain an optional "retry" for the HTTP request element and a search box for dropdown fields in metadata forms for Submit Points and Checkpoints.

This release is also compatible with the latest mac OS release: macOS Big Sur. Please note that macOS Big Sur is currently only supported on Intel macs, not Apple Silicon.



Switch Web Portal Improvements	3
Web Portal Navigation	3
Job Boards	5
Dashboards	7
Job client	8
Searching dropdown fields in metadata forms	8
Scripting additions	8
TypeScript support	8
Auto-completion	8
Working with Script folders and unpacked Scripts	9
Bug fixes	9



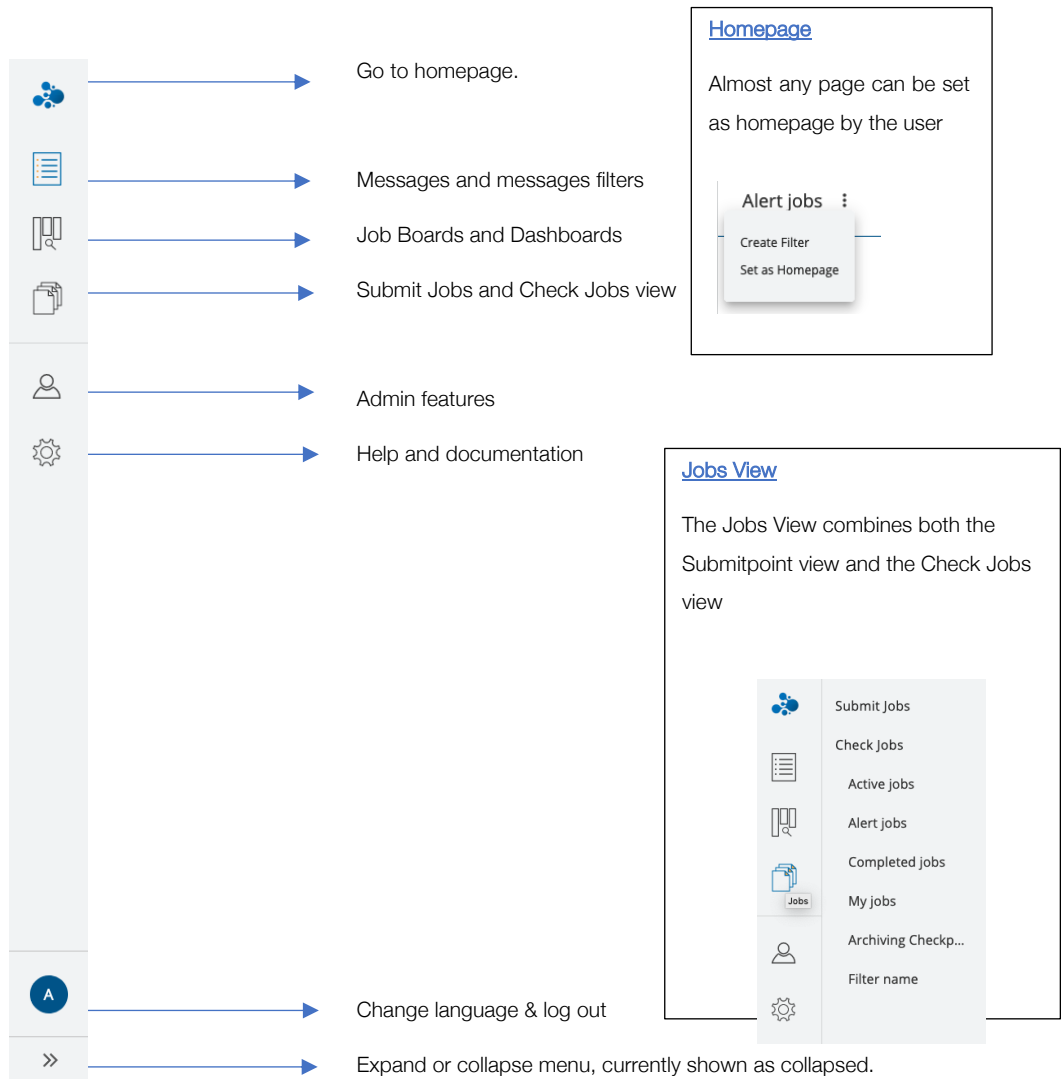
System Requirement

MacOS 11 (Big Sur) is supported on Intel macs only (not Apple Silicon compatible).

Switch Web Portal Improvements

Web Portal Navigation

Immediately visible when opening the Web Portal is the completely redesigned navigation of the Web Portal.





Job Boards

The new Job Boards Edit view

Edit Main Job Board

Board Name:

Flows in Board

There are 2 flows currently in this board.

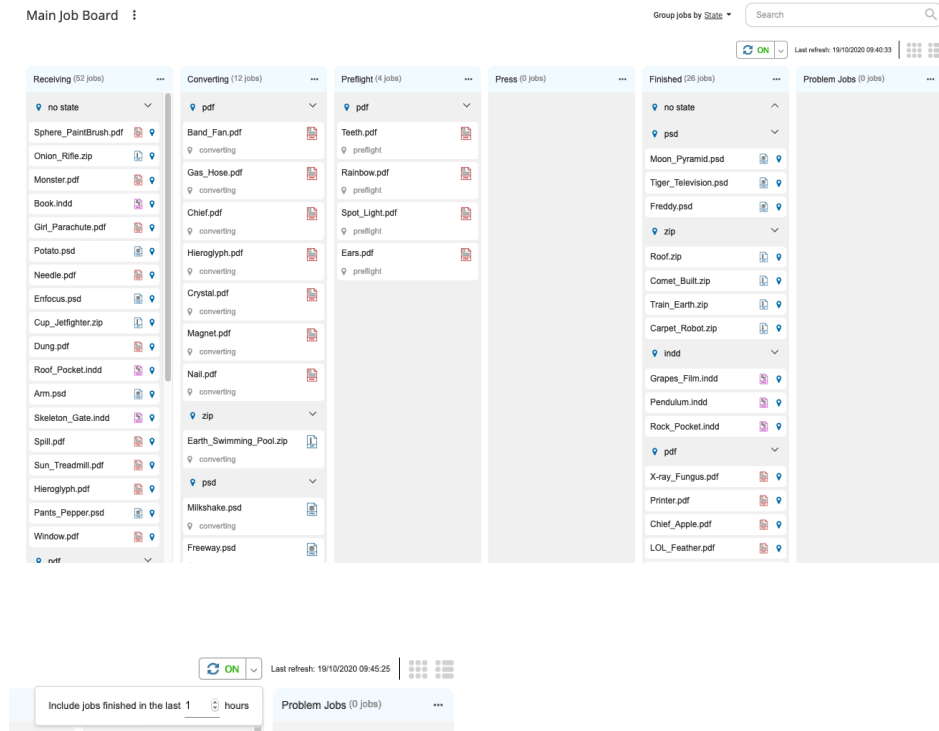
Board Columns

[+ add column](#)

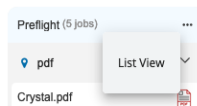
Receiving	Converting	Preflight	Press	Finished	Problem Jobs
<p>Select flows <input type="button" value="Reset"/> <input type="button" value="Select.all"/></p> <p><input checked="" type="checkbox"/> File receiving</p> <p><input checked="" type="checkbox"/> main flow</p>	<p>Select flows <input type="button" value="Reset"/> <input type="button" value="Select.all"/></p> <p><input checked="" type="checkbox"/> File receiving</p> <p><input checked="" type="checkbox"/> main flow</p>	<p>Select flows <input type="button" value="Reset"/> <input type="button" value="Select.all"/></p> <p><input checked="" type="checkbox"/> File receiving</p> <p><input checked="" type="checkbox"/> main flow</p>	<p>Select flows <input type="button" value="Reset"/> <input type="button" value="Select.all"/></p> <p><input checked="" type="checkbox"/> File receiving</p> <p><input checked="" type="checkbox"/> main flow</p>	<p>Select flows <input type="button" value="Reset"/> <input type="button" value="Select.all"/></p> <p><input checked="" type="checkbox"/> File receiving</p> <p><input checked="" type="checkbox"/> main flow</p>	<p>Select flows <input type="button" value="Reset"/> <input type="button" value="Select.all"/></p> <p><input checked="" type="checkbox"/> File receiving</p> <p><input checked="" type="checkbox"/> main flow</p>
<p>Select stages <input type="button" value="Reset"/> <input type="button" value="Select.all"/></p> <p><input type="checkbox"/> No stage</p> <p><input type="checkbox"/> Problem jobs</p> <p><input type="checkbox"/> converting</p> <p><input type="checkbox"/> finished</p> <p><input type="checkbox"/> preflight</p> <p><input checked="" type="checkbox"/> receiving</p> <p><input type="checkbox"/> send to press</p>	<p>Select stages <input type="button" value="Reset"/> <input type="button" value="Select.all"/></p> <p><input type="checkbox"/> No stage</p> <p><input type="checkbox"/> Problem jobs</p> <p><input checked="" type="checkbox"/> converting</p> <p><input type="checkbox"/> finished</p> <p><input type="checkbox"/> preflight</p> <p><input type="checkbox"/> receiving</p> <p><input type="checkbox"/> send to press</p>	<p>Select stages <input type="button" value="Reset"/> <input type="button" value="Select.all"/></p> <p><input type="checkbox"/> No stage</p> <p><input type="checkbox"/> Problem jobs</p> <p><input type="checkbox"/> converting</p> <p><input type="checkbox"/> finished</p> <p><input checked="" type="checkbox"/> preflight</p> <p><input type="checkbox"/> receiving</p> <p><input type="checkbox"/> send to press</p>	<p>Select stages <input type="button" value="Reset"/> <input type="button" value="Select.all"/></p> <p><input type="checkbox"/> No stage</p> <p><input type="checkbox"/> Problem jobs</p> <p><input type="checkbox"/> converting</p> <p><input type="checkbox"/> finished</p> <p><input type="checkbox"/> preflight</p> <p><input type="checkbox"/> receiving</p> <p><input checked="" type="checkbox"/> send to press</p>	<p>Select stages <input type="button" value="Reset"/> <input type="button" value="Select.all"/></p> <p><input type="checkbox"/> No stage</p> <p><input type="checkbox"/> Problem jobs</p> <p><input type="checkbox"/> converting</p> <p><input checked="" type="checkbox"/> finished</p> <p><input type="checkbox"/> preflight</p> <p><input type="checkbox"/> receiving</p> <p><input type="checkbox"/> send to press</p>	<p>Select stages <input type="button" value="Reset"/> <input type="button" value="Select.all"/></p> <p><input type="checkbox"/> No stage</p> <p><input checked="" type="checkbox"/> Problem jobs</p> <p><input type="checkbox"/> converting</p> <p><input type="checkbox"/> finished</p> <p><input type="checkbox"/> preflight</p> <p><input type="checkbox"/> receiving</p> <p><input type="checkbox"/> send to press</p>



The new Job Boards view



- The On/Off Switch to enable or disable auto-refresh of the job board.
- The dropdown allows changing the period for finished jobs to be shown.
- The option to change between list and card view on board level is shown at the right-hand side of the screen.



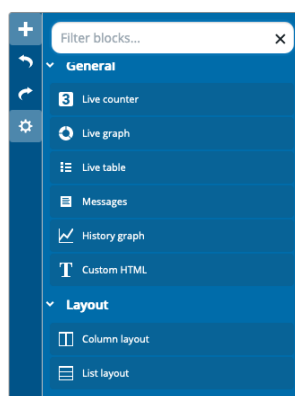
- Adjust card/list view on column level.



Dashboards

The dashboard editor is completely renewed to offer a more intuitive building experience.

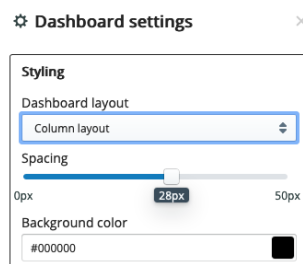
The + icon on the left-hand side gives access to widgets and layout blocks. Drag and drop the elements onto the dashboard.



Multi-select for widgets allow quick customizations for multiple widgets at once.



Settings on Dashboard level allow further customization of the dashboard.

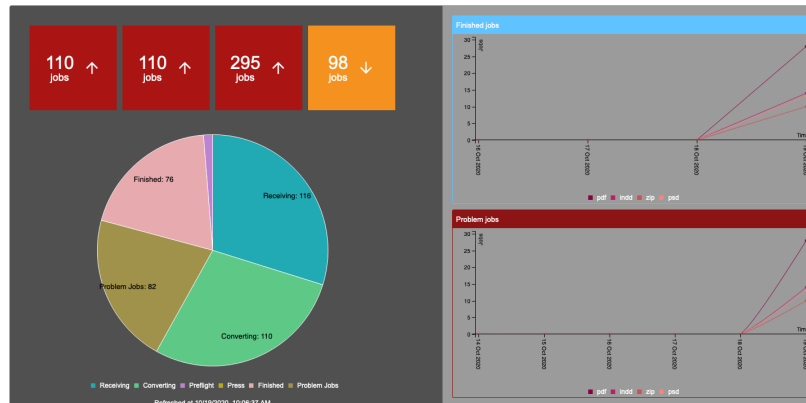


Counter widget

Counters will now also show an upwards or downwards pointing arrow depending on the previous value.



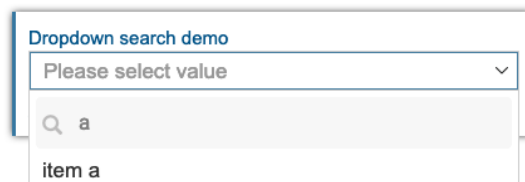
Main dashboard :



Job client

Searching dropdown fields in metadata forms

Dropdown fields in metadata forms for Submit Points and Checkpoints now allow searching for items.



Scripting additions

TypeScript support

TypeScript extends JavaScript by adding the concept of types, which makes it possible for the TypeScript compiler to find common bugs in the script before running the code. See [https:// www.typescriptlang.org/](https://www.typescriptlang.org/) for more info.

Auto-completion

A TypeScript Declarations file can be downloaded to enable auto-completion for classes and methods described in the Scripting reference.



Working with Script folders and unpacked Scripts

Script folders are a different way to store a Switch script on disk. A script folder is saved as an uncompressed and unencrypted script package. Script folders are better suited for inclusion in version control systems for professional script development. Also, they are more convenient for developing and debugging the script code as there is no need to re-save the complete script in Scripter after doing changes in script code only.

Creating script folders and converting script folders into regular script packages can only be done using the *SwitchScriptTool* command line tool that is located in the Switch installation folder.

Bug fixes

ENFS-27513	Updating "leave originals" list is very slow and causes processing hang
ENFS-27493	NodeJS Webhook & Remote Processing preferences & documentation
ENFS-27403	better UTF-16 support on Mac (eg smileys in filenames)
ENFS-27345	job.getMostRecentOccurrence() not working correctly in Switch2020
ENFS-27335	FTP remove file with long filename from Rumpus server issue
ENFS-26911	FTP Send - error "The command "FEAT" returned error code 141, Description: FTP protocol error: 500 Not Supported"
ENFS-26904	Checkpoint via mail - cannot prepare attachment for job-error
ENFS-26901	better unicode support for zip files created by Pack/Unpack/Mail send/Checkpoint by email
ENFS-26795	Switch 2020 crashes when stopping a flow
ENFS-26726	Switch Helper does not launch when system runs with proxy
ENFS-26522	Switch: Variables can't pick up FROM address with Japanese character
ENFS-26461	Tab sequence on metadata pane is incorrect
ENFS-26319	Support for slashes in flow stages used on job board
ENFS-24350	Assemble Job error when folders contain not supported characters, does not move job to Problem Jobs
ENFS-24238	Dropdown in metadata forms not accessible using TAB on keyboard
ENFS-23716	Jobs failing to assemble don't go to problem if length error in match criteria, processing stops in flow