

Sophisticated prepress automation

Automated PDF Pre-press
PACKZFLOW offers fast and efficient automated prepress operations on native PDF files. It is powered by the PACKZ engine, the professional PDF editor for the label and packaging industry.

PACKZFLOW performs predicable and repetitive operator tasks on the server, freeing up operators for more value-added manual work.

20+ PDF automation tasks for your CLOUDFLOW workflows
 CLOUDFLOW, together with the optional PACKZFLOW processor, allows the

building of sophisticated workflows that can interact with ERP and MIS systems, receive input from operators, and process artwork files on networked file servers to automate many prepress processes required for label and packaging printing.

Examples of automated processes are: step and repeat creation for labels, flexible packaging, or folding cartons based on parameters coming from ERP solutions, automatic trapping, mass production of new designs from dynamic artwork templates, automatic registration marks and information panels, gravure export, automatic file analysis and correction with comprehensive and personalized reporting, and much more ...

Analyze	Analyze - Analyze contains a list of criteria on which the workflow can perform a check on the content PDF document: Illustrator ...	Live Objects	Live Objects - Live Objects allows making active information panels, dynamic registration marks and live designs that automatically update depending ...	Handle Separations	Handle Separations - Handle Separations removes, remaps, alters the order or updates the colorimetric information of separations in the PDF document
Barcode	Barcode - Barcode allows to recognize different types of barcode placeholders and update the type with a new code.	Nested Step And Repeat	Nested Step And Repeat - Nested Step and Repeat is the process of stepping and repeating packages based on CAD CFF2 files that contain repetition	Simplify	Simplify - Perform vectorization of various objects.
Convert to Image	Convert to Image - Convert to Image refers to the process of replacing any object or group of objects by its image equivalent. In combination with the Search and ...	Pageboxes	Pageboxes - Pageboxes defines the exact size of a PDF document.	Tabular Step and Repeat	Tabular Step and Repeat - Tabular Step and Repeat node steps and repeats labels, flexible packaging or any PDF design in a way that the entire printing ...
Export as Image	Export as Image - RGB JPEG image output of the first page of a PDF document.	Prepress	Prepress - Prepress may adjust the content of a PDF document based on a page box. It consists of several parameters that influence the output of the PDF	Transform	Transform - Transform moves, rotates, reflects or scales selected objects or the entire PDF document. The Search and Select node is very often combined with ...
Export as CIP	Export as CIP - Outputs a Print Production Format file (PPF) containing the ink-key presets for printing presses.	Replace Station	Replace Station - Replace Station reloads the selected stations of a tabular or nested step and repeat and replaces them with a new design	Trap	Trap - Trap is the node that creates automatically slight overlaps between abutting colored objects within a document. It compensates ...
Export Gravure	Export Gravure - Export Gravure outputs PDF step and repeat files as 8-bit TIFF for Gravure Printing. Gravure Printing needs a gray scale image per separation as the ...	Save to Device	Save to Device - Save To Device saves a copy of the document with specific PDF options applied: downsample image, rasterize, separated output, rotate content		
Flatten	Flatten - Flatten removes blend modes, opacities and overprints by replacing them with 'normal' objects, without changing the review of the design file	Text	Text - Perform operations on text content such as searching for text and replacing by a given string.		
Layers	Layers - Layers node adds or removes layers from the PDF document. It also allows to select objects on layers and perform actions on them	Search and Select	Search and Select - Search and Select allows selecting objects in the PDF document that matches any of the search filters defined. The node is ideal to be combined ...		



Module

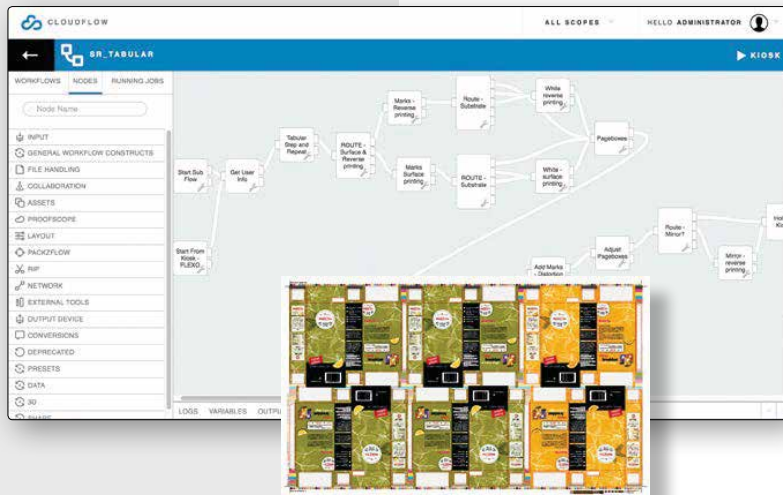


Automated Step and Repeat

CLOUDFLOW generates full dynamic step and repeats of single or mixed layouts in a matter of seconds. The workflow may pull the repeat parameters from the MIS system or request them through a web-based portal. Template-based stepping is also available in which placeholders are replaced by the actual art files at runtime.

Dynamic marks and information panels

Information panels typically contain a mix of information from the package design itself (such as inks, print order, and ink coverage) and external systems (such as customer name, address, due date, etc.). CLOUDFLOW provides a link to the external data and PACKZFLOW completes the panels and marks automatically. This corrects a major source of errors in packaging with a solution that is fast, efficient, and fully automatic.



Dynamic artwork templates for mass production and remote editing

Reusing designs in the label or packaging industry boosts the design value and production efficiency. PACKZ DYNAMIC ARTWORK makes it easy to create PDF templates that link objects to external content, and CLOUDFLOW generates the new or designs. Dynamic Artwork Templates can create objects with variable shapes and colors, synchronize text lines and blocks with input from web portals, link images, and update barcode parameters with data from external resources.



Australia (03) 9535 9777 New Zealand (09) 837 5890

