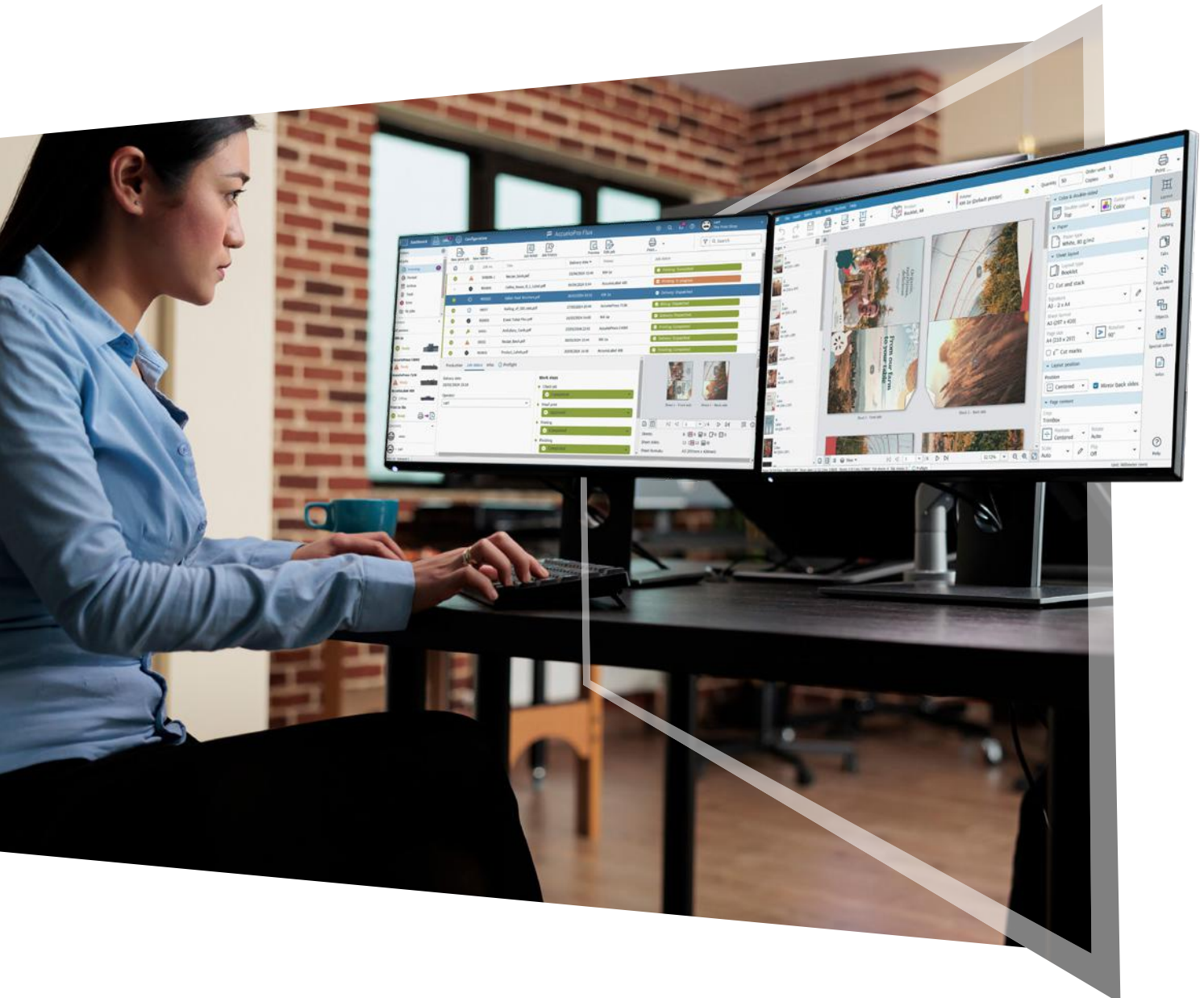




KONICA MINOLTA

AccurioPro Flux



# AccurioPro Flux

RETHINK WORKFLOW

Giving Shape to Ideas

# INDISPENSABLE PRINT PROCESS OPTIMISATION – FOR EVERYONE!

## INTRODUCING THE AccurioPro Flux FROM KONICA MINOLTA

**Looking for a solution you can depend on to maximise your return on investment with minimal cost?**

**AccurioPro Flux is the answer!**

**Available in two unique flavors. AccurioPro Flux is a powerful software solution that aims to effectively management output by providing a central point of control, professional workflow automation.**

AccurioPro Flux is the ideal solution for:

- Print Service Providers
- Corporate Reprographics Departments (CRDs)
- In-house Print Shops of Schools/ Organisations/Public Organisations



OUTPUT  
MANAGEMENT



MAKE-  
READY



**AccurioPro**  
FluxEssential



WORK  
ANYWHERE



DATA  
ANALYSIS



JOB SUBMISSION  
VIA SHARED  
VIRTUAL PRINTERS



AUTOMATED JOB  
ASSIGNMENT



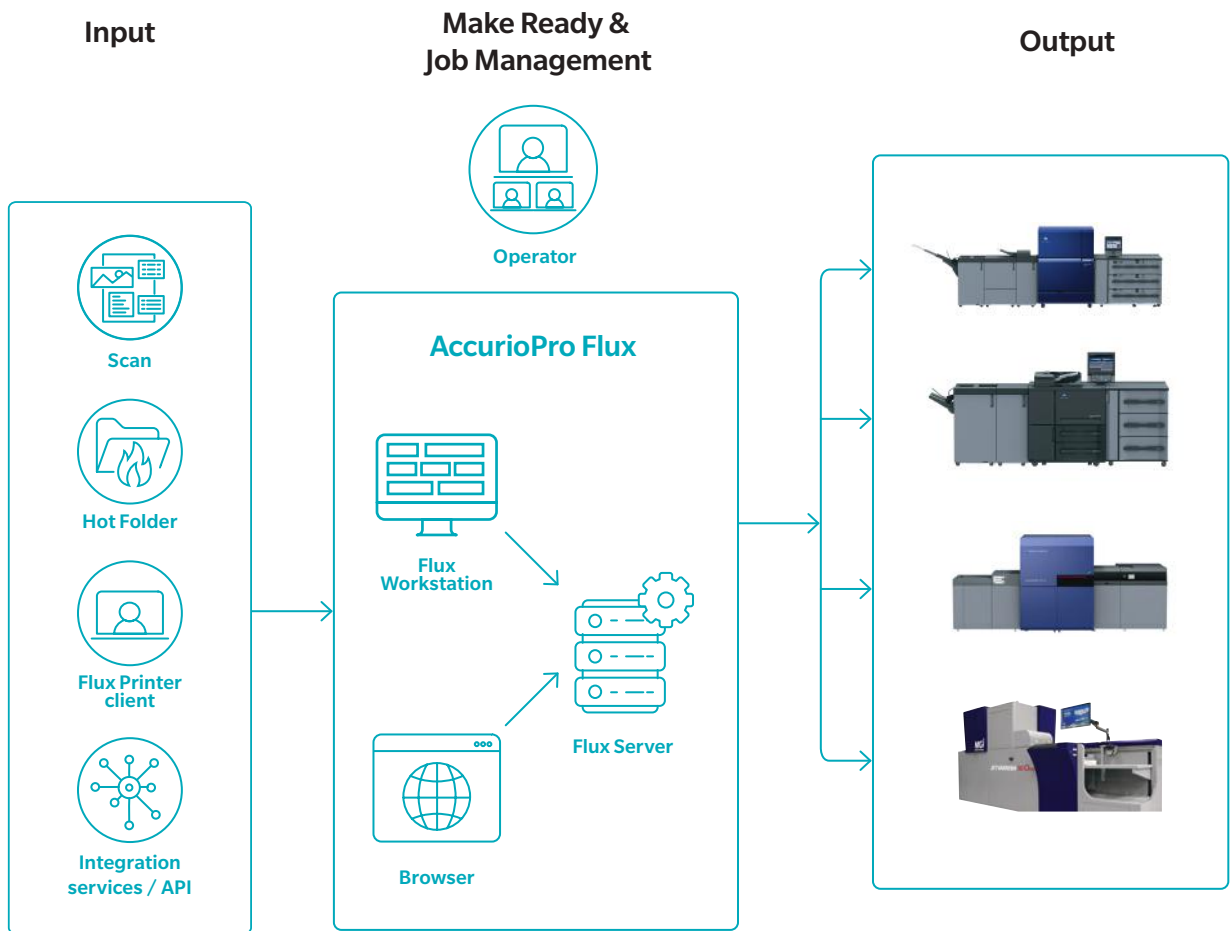
COLLABORATION



**AccurioPro**  
FluxPremium

# TWO OPTIONS TO OPTIMISE YOUR PROCESS FOR YOUR NEEDS

## RETHINK WORKFLOW



With AccurioPro Flux, you can flexibly import files from a variety of sources and easily allocate tasks among colleagues. Prepare jobs using the Flux Workflow application or within your web browser in seconds, then subsequently dispatch them to any designated printer or printer cluster. The whole workflow can be easily automated, and since AccurioPro Flux is an on-premise solution, all data is stored locally.

**AccurioPro Flux comes in two editions that can be purchased as such, or upgraded as needed with growing requirements:**

### **AccurioPro Flux Essential**

The basic AccurioPro Flux Essential software tool targets the prepress situation, allowing you to import, impose, prepare and print files with ease. You are bound to appreciate its timesaving properties if you grapple with ever-shorter deadlines and increasing cost pressure. Essential is easy to use and has a minimal learning curve. Misprints are avoided and costs reduced thanks to the easy checking of job files for their printability. And AccurioPro Flux Essential provides the one, central point of control even for a fleet of output devices, ensuring optimal job distribution as well as fastest order completion.

### **AccurioPro Flux Premium**

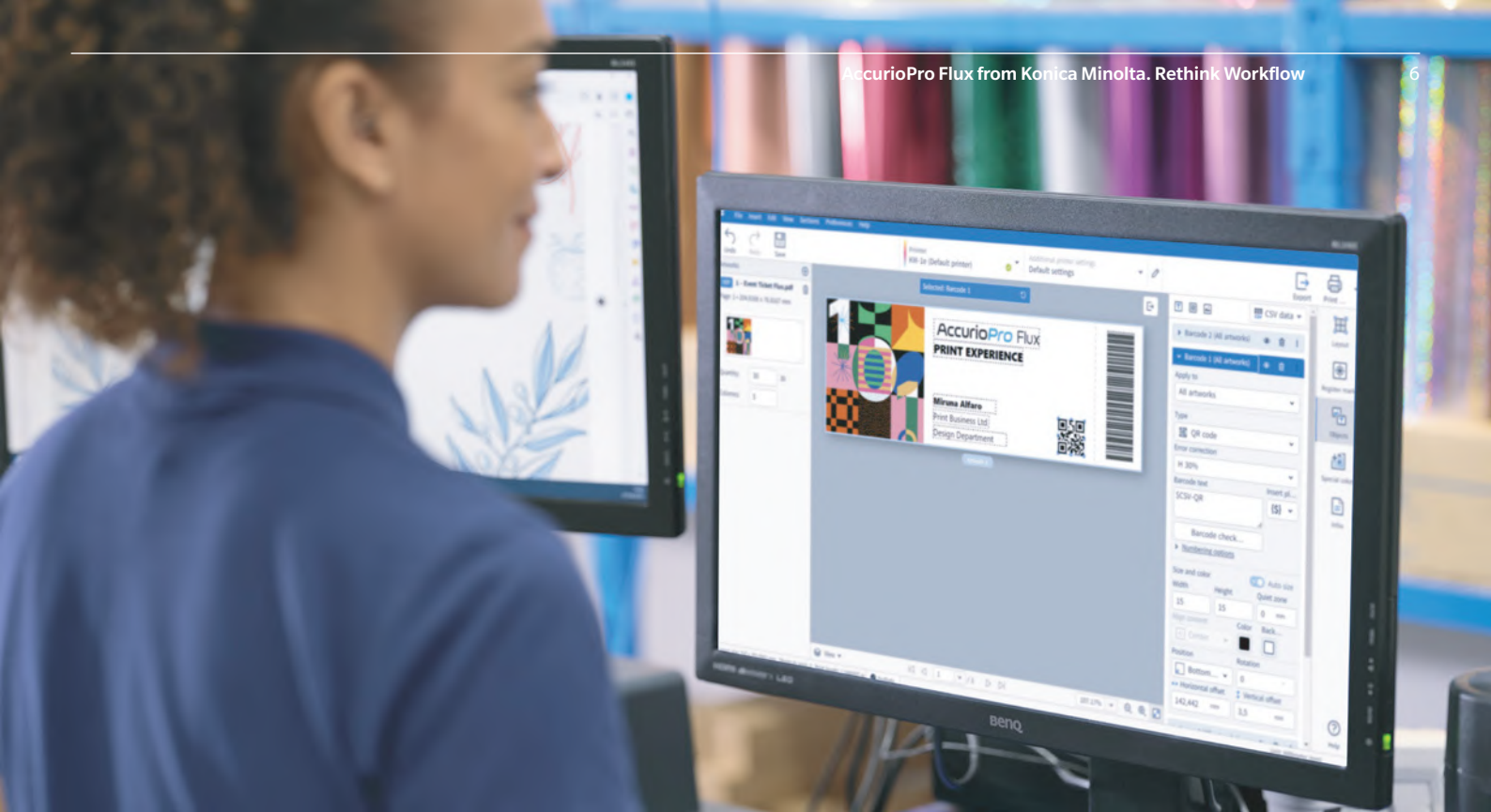
This is the answer for printing companies requiring automation and the flexible collaboration of a team of operators. If you head a print environment where several operators process a high number of short- and longer-run print jobs and possibly have to work on the same job list, or where job processing requires frequent manual intervention and customers keep enquiring about the status of their print order, Premium offers you numerous advantages for the above issues and can help you streamline your overall print production. In short, this product edition controls and automates many processes in the print room: It handles the communication with customers and facilitates the coordination of the workload in the print room. Avoiding errors and providing print-ready files, it eases the transfer of jobs to print. It also enables the integration with other applications, e.g. MIS, accounting solutions, etc. and provides convenient flexible access letting operators work from anywhere.

# PRODUCTIVITY WITH TEMPLATES & ADVANCED MAKE-READY

## AccurioPro Flux Essential

As a print provider or CRD manager, take advantage of AccurioPro Flux Essential's efficient templates feature: You only need to set up templates once and will make great time savings on repetitive prepress work forever after. You can choose from a wide range of intelligent print functions to administrate all incoming jobs. And thanks to its powerful make-ready functionality, AccurioPro Flux Essential also facilitates professional job editing. Late job editing enhances the flexibility of your print room, while impositioning simplifies and speeds up time-consuming tasks such as arranging several pages on a single sheet. Essential includes:

- **Impositioning**  
AccurioPro Flux Essential provides a predefined set of imposition schemes (such as booklet, gang-up, etc.) to automate the error-prone task of arranging several pages on a single sheet. The functionality also allows creating individual paper formats and signatures to produce bespoke print products such as customised brochures.
- **Create new 'products'**  
Saving operating steps and time, you can store individual combinations of print settings that are frequently used as 'products'. As soon as you import a document and choose such a 'product', the correct print settings are automatically applied to the job, which arrives instantly and print-ready. You can also link a hot folder to each 'product' and share the folder in your intranet. Users can simply put their documents into the folder for printing, and files will be uploaded with the print settings automatically applied.
- **Make-ready on the fly**  
While Essential offers the possibility to save often used print settings as products for reuse, you can also set up jobs easily on the fly. With just a few clicks you can select imposition, media and finishing, run a preflight and immediately send the job to the printer. You can even use the included layout optimization function to fill the sheet in the best possible way. The real-time preview helps you to check if the settings are correct.
- **Job editing**  
A convenient job editor lets you easily adjust paper size and weight; change jobs from colour to black & white and vice versa; change the finishing mode; add or delete tab sheets, slip sheets or empty pages, and much more. Advanced editing is also possible via external applications (e.g. Adobe Acrobat). The built-in real-time preview allows instant switching between three different previews (page preview, sheet preview and list view) – however, modifications can be made regardless of the selected view.



- **Add VDP content from a CSV file**  
Operators can automatically create personalised print products, such as flyers, tickets, postcards, mailings, etc., with unique text content, barcodes and QR codes. The operator simply adds a CSV file with the variable data sets to the print job and inserts the VDP content via placeholders.
- **Printer clusters**  
With AccurioPro Flux Essential, you'll find it easy to optimise the capacity utilisation of your production equipment. Simply organise your output devices in printer clusters. This facilitates distributing print jobs evenly across all machines of a cluster, even taking the devices' varying printing speeds into account. Splitting pages between colour and b/w printers based on their colour status is also possible. The color split function will ensure that all pages are still collated in the correct order.
- **Job management**  
The main program window gives a comprehensive overview listing all active print jobs. Beyond this, you can easily create custom filters for special tasks so that only those jobs are displayed that interest you at that moment. For instance, create a filter to only see the jobs that have been assigned to a particular printer.
- **Repeat range programming**  
You will see how very easy it is to prepare large incoming VDP jobs for printing- such as serial letters – simply by adjusting the settings for one set (i.e. the first letter) and then applying these settings to all remaining letters with a single click.
- **Integrate 3<sup>rd</sup>-party devices**  
AccurioPro Flux Essential is optimised for output on the Konica Minolta production presses. Nevertheless, printing devices from other manufacturers can also be connected. This gives you convenient central control of all output devices in your print room, quite independent of their brand.
- **Import jobs from anywhere**  
Files can be imported directly or sent to AccurioPro Flux in a variety of ways, including directly from a scanner, or with the use of Hot Folders or virtual printers. Imported files can be assigned automatically to existing products, or they can be edited and imposed manually.
- **TU-510 integration**  
TU-510 inline cutting units can cut, crease and fold products directly during the printing process. With AccurioPro Flux, you can create complex print products quickly and easily by directly creating, saving and apply print profiles for the TU-510.

### AccurioPro Flux Essential options

- Flux Raster Editor

This advanced editor allows editing documents on image/raster basis. It enables typical image editing operations (e.g. despeckle, deskew, brush, erase, line, fill) for single and multiple pages.

- Flux Document Converter > Operator option

Enables the operator to import native MS Office file formats without prior conversion manually, via hot folders or when editing print jobs in the job editor.

- Flux Preflight Pro

Detects and fixes PDF problems and runs automatic routines. Provides the power of the callas pdfToolbox engine fully integrated into AccurioPro Flux.

- Flux Multi Seat

Up to 3 operators can work as a team simultaneously and even collaborate on the same job; one license per seat.

- Flux Label Impose

This option provides an automated label workflow for the Konica Minolta label printers. Flux Label Impose gives users a simple and intuitive interface to impose and prepare label jobs for printing and also supports the creation of PDF files as basis for the corresponding cutting tools on the die cutting equipment.

- Flux Barcode Pro

Allows the use of many additional barcode types for VDP and on signatures to drive offline finishers, including EAN, PDF417 and Data Matrix.



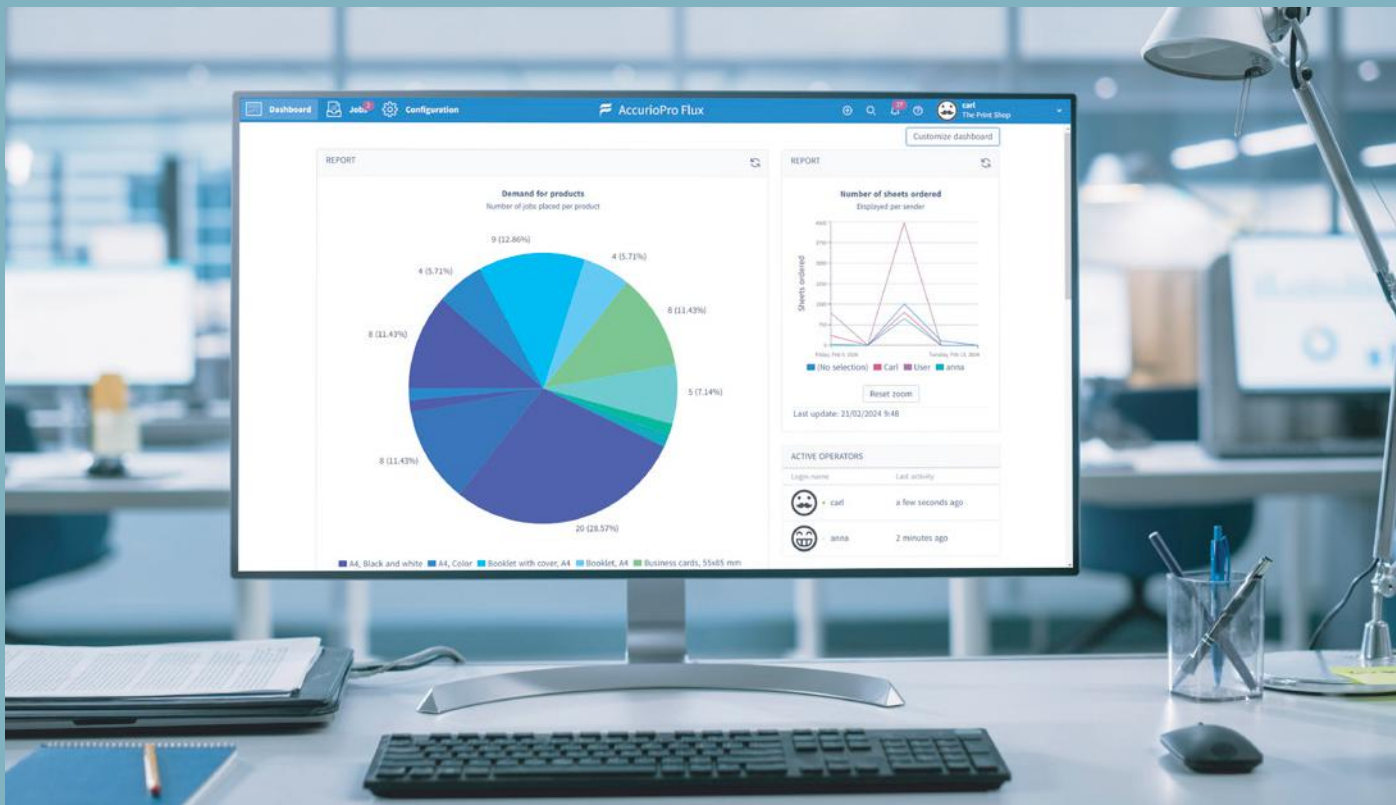


# PROFESSIONAL PRINT WORKFLOW AUTOMATION

## AccurioPro Flux Premium

With its job-ticket based print workflow, AccurioPro Flux Premium is your tool to offer easy and convenient ordering of print products via the company intranet. Users can send their print jobs directly from the source application to the print room; operators can rely on a wide range of intelligent print functions to administrate incoming jobs. Premium facilitates the automatic setup of devices as well as inline finishing and lets you configure and manage products automatically. In addition to the complete Essential functionality, Premium includes other attractive features like these:

- **Convenient collaboration**  
Several operators can work simultaneously and even collaborate on the same job; all operators can see who is working on which job. Three user seats are included in AccurioPro Flux Premium; and if your print environment needs more, you can purchase additional Flux Multi Seat licenses.
- **Automated job assignment**  
Rule-based job assignment allows creating rules to assign jobs automatically to specific operators. Individual rules can be created for different products helping to automate workflows further and reduce the number of operation steps.
- **Job submission via client or shared virtual printers**  
Users can send print files directly from the source application via the intranet using a dedicated client; they don't need to convert their work to PDF format. Alternatively, print jobs can be submitted via ticketless virtual printers that are shared in the intranet. Either way, print files are automatically converted to PDF, imposed and arrive print-ready in your print room.
- **Industrial device support**  
Cut lines and special colors can be detected, excluded from printing and instead exported for further processing on MGI JetVarnish, Motioncutter or other finishers. AccurioPro Flux Premium provides additional features for power users, including support for KM-1 devices and more.
- **Automatic status tracking**  
Don't spend valuable time anymore on writing emails to confirm the status of print jobs to their originators. With Premium, users will receive emails automatically updating them on the status of each of their print job.
- **Data analysis & custom reports**  
For up-to-date, graphic overviews displayed on the dashboard, use the included report assistant to have print data analysed and create custom reports. Different chart types are available to choose from; based on all stored data, reports can be created and changed quickly and flexibly.
- **Work and track your jobs from anywhere**  
Check, edit and print jobs either from a dedicated workstation or from your browser on any PC, Mac or mobile device. Operators can track, update and print their jobs from a mobile device by scanning the QR code on the job ticket.
- **Integrations**  
Options for Premium help you integrate other systems such as MIS, accounting solutions, XML workflows and more. In addition, you can use the API to create a custom integration with other software.



## AccurioPro Flux Premium options

- **Flux Accounting Connector**  
Integrates external accounting solutions into the print workflow. Connects AccurioPro Flux Premium to the accounting applications SafeQ (Ysoft) or PaperCut.
- **Flux Multi Seat**  
One Flux Multi Seat license per additional operator work on jobs simultaneously with other operators, one license per seat. (3 seats included; max 15)
- **Flux PitStop Connector**  
Connects the external application PitStop Server (Enfocus) to fix PDF problems and avoid production errors.
- **Flux XML Connector**  
Integrates 3rd party applications with AccurioPro Flux, e.g. external Web-to-Print solutions.
- **Flux Document Converter – Customer option**  
Allow you to accept native Office file formats from your customers when they submit print jobs via the Flux Printer web app (available in Premium and Ultimate) or the web shop (available in Ultimate).

# ADVANTAGES AT THE GLANCE

From prepress to processing to production, AccurioPro Flux streamlines your print workflow – all from one central control point.



Integration of make-ready functionality and output management



Infinite and unrestricted connection to Konica Minolta production printer and competitor's production printer devices



Personalize each printed piece using variable information from a spreadsheet or csv file with unique text, barcodes or QR codes



Increase efficiency and throughput by enabling automatic print distribution through Print Cluster feature



Support for Advanced Preflight via optional Preflight and Pitshop connector



Dynamic and functional integration to an ERP, MIS and B2B e-commerce system with XML, API via customisation



Improved support of finishing devices with the new register mark types: Circle, Cross, barcode and QR codes including the quiet zone settings



Intelligent tool with custom datasheet filters to capture and generate data analytics report

## TECHNICAL SPECIFICATIONS

### FEATURES OVERVIEW

ACCURIOPRO FLUX	ESSENTIAL	PREMIUM
Imposition	✓	✓
Preflight	✓	✓
Make-ready	✓	✓
VDP	✓	✓
Range programming	✓	✓
Cluster printing	✓	✓
Hot folders	✓	✓
Ticketless virtual printers	✓	✓
Scan & raster editing	✓*	✓*
Support of 3rd party devices	✓	✓
Multiple operator accounts	✓*	✓
Flux panel	-	✓
Native data processing	-	✓
Process jobs in the browser	-	✓
Job status information for users	-	✓
Rules for jobs	-	✓
Reports	-	✓
Integration services (API)	-	✓

\* Optional

## System Requirement

### AccurioPro Flux Essential

- Flux Essential with one operator (single seat)  
 Supported operating systems
- Windows 11 Pro (64-bit)
  - Windows 10 Pro (64-bit)

### Hardware

- Intel i5 (4th+ generation) quad core CPU or equivalent
  - 16 GB RAM
  - Solid-state drive (SSD)
  - 250 GB free disk space\*
  - Screen resolution of 2560 x 1440 pixels
- \* The disk space requirements do not account for archived jobs. Depending on the number and type of jobs, more disk space may be required.

### Flux Essential with multiple operators (multi seat)

When using AccurioPro Flux Essential with Flux Multi Seat, the respective system requirements for the Flux Server PC and the Client PC from AccurioPro Flux Premium apply.

### AccurioPro Flux Premium

- Flux Server PC  
 Supported operating systems
- Windows Server 2022 Standard (64-bit)
  - Windows Server 2019 Standard (64-bit)
  - Windows Server 2016 Standard (64-bit)

Operators	Hardware specification
1-3 (default)	Intel i5 (4th+ generation) quad core CPU or equivalent, 16 GB RAM, Solid-state drive (SSD), 250 GB free disk space*
4-7 (with Flux Multi Seat)	Intel i7 (4th+ generation) quad core CPU with Hyper-Threading or equivalent, 32 GB RAM, Solid-state drive (SSD), 500 GB free disk space*
8-11 (with Flux Multi Seat)	Intel i7 (8th+ generation) hexa/octa core CPU with Hyper-Threading or equivalent, 32 GB RAM, Solid-state drive (SSD), 750 GB free disk space*
12-15 (with Flux Multi Seat)	Intel Xeon octa core CPU with Hyper-Threading or equivalent, 64 GB RAM, Solid-state drive (SSD), 1 TB free disk space*

\* The disk space requirements do not account for archived jobs. Depending on the number and type of jobs, more disk space may be required. These requirements assume that AccurioPro Flux is running on a dedicated server. Requirements of other applications running on the same system must be added.

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