AccurioPro Conductor

Workflow Integration System

Maximise productivity by providing centralised management of multiple printers.

CENTRALISED MANAGEMENT
of Digital Press

- Automated print jobs routing to the optimum printer
- Automated delivery date management
- Faster handling of large volume jobs
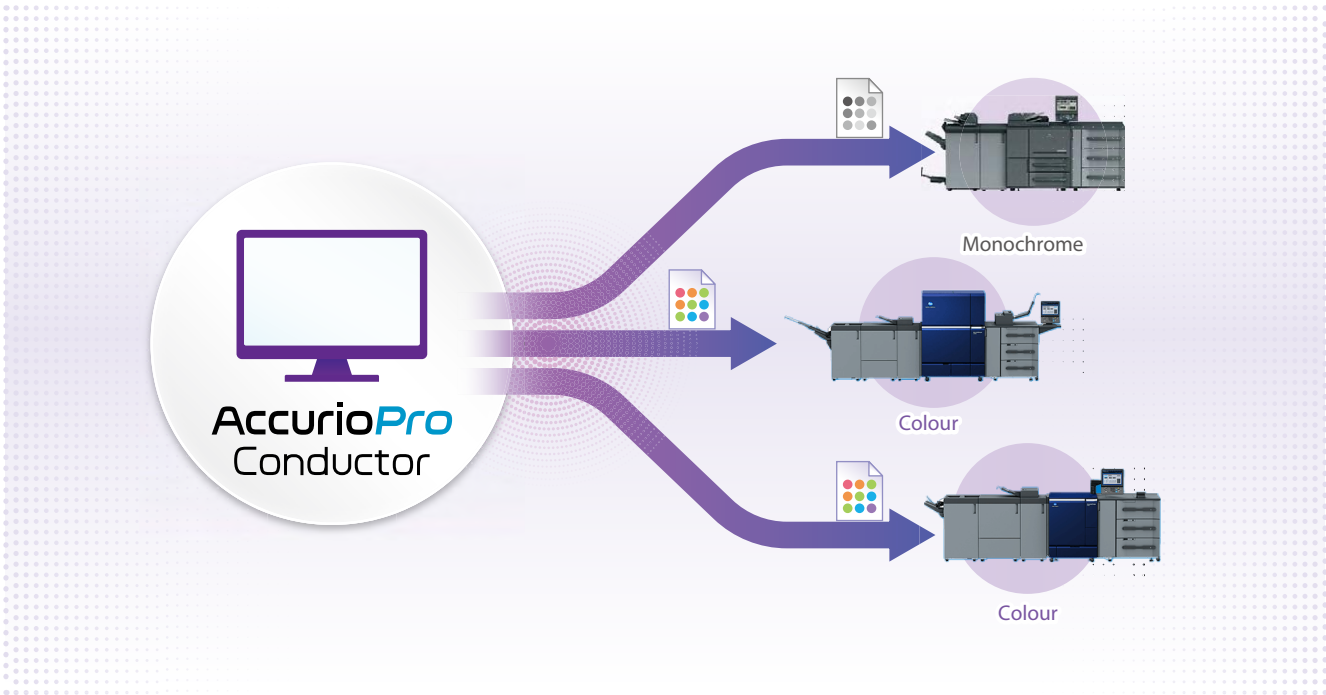- Connectivity to prepress and postpress systems

SMART PRINT JOB DISTRIBUTION

Giving Shape to Ideas

KONICA MINOLTA

Routing to the optimum printer in appropriate order

Maximise productivity by providing centralised management of printers

AccurioPro Conductor is a workflow integration system belonging to Konica Minolta's AccurioPro suite of professional printing solutions.
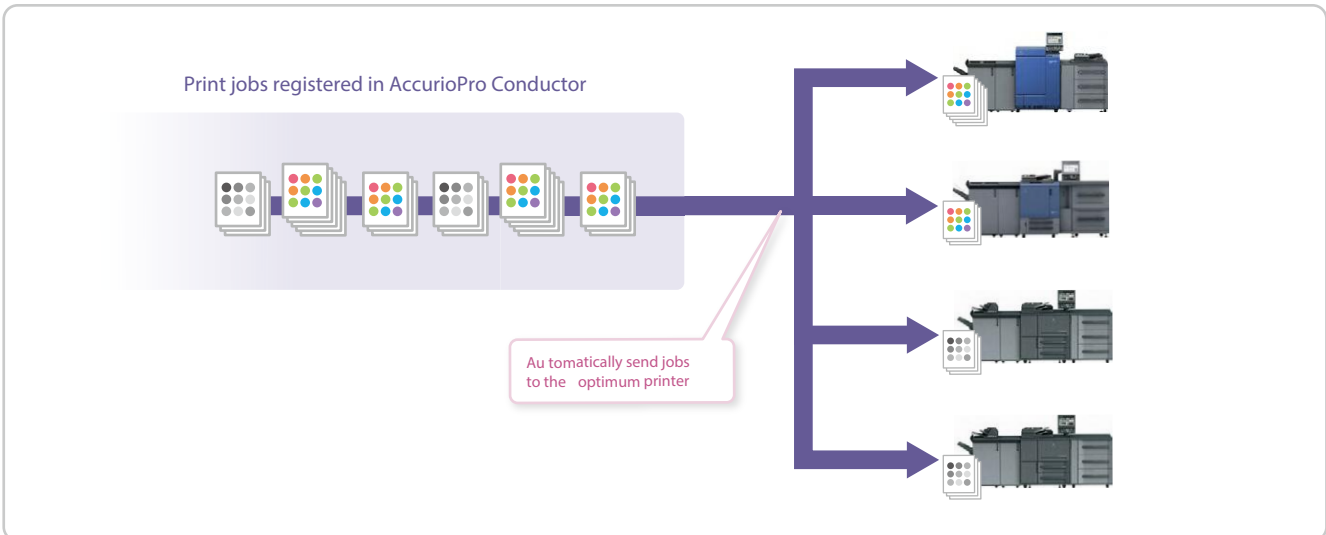
By providing comprehensive centralised management of multiple printers, AccurioPro Conductor enables operator to automate a wide range of daily tasks to maximise productivity. Even when operator has multiple printing jobs requiring different specifications and requirements, this innovative system seamlessly manages the workflow. Even more, AccurioPro Conductor is able to disperse printing processes across networked printers, allowing print service providers to efficiently handle high-volume printing jobs.

Monochrome

Colour

Colour

Printing schedule management function ▶ Efficiently manage jobs based on information acquired
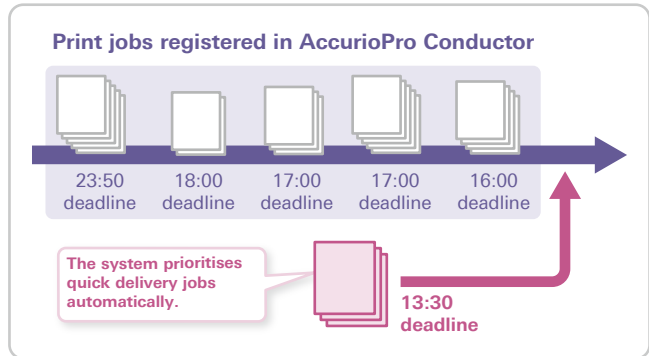
Automatic print job allocation

Judging from the contents of the job, job congestion, and other information overall, the output instruction can be automatically sorted into each optimum printer. This process realises efficient handling of multiple print jobs. As a result, downtime and the workload required for setup can be reduced.

Print jobs registered in AccurioPro Conductor

Au tomatically send jobs to the optimum printer

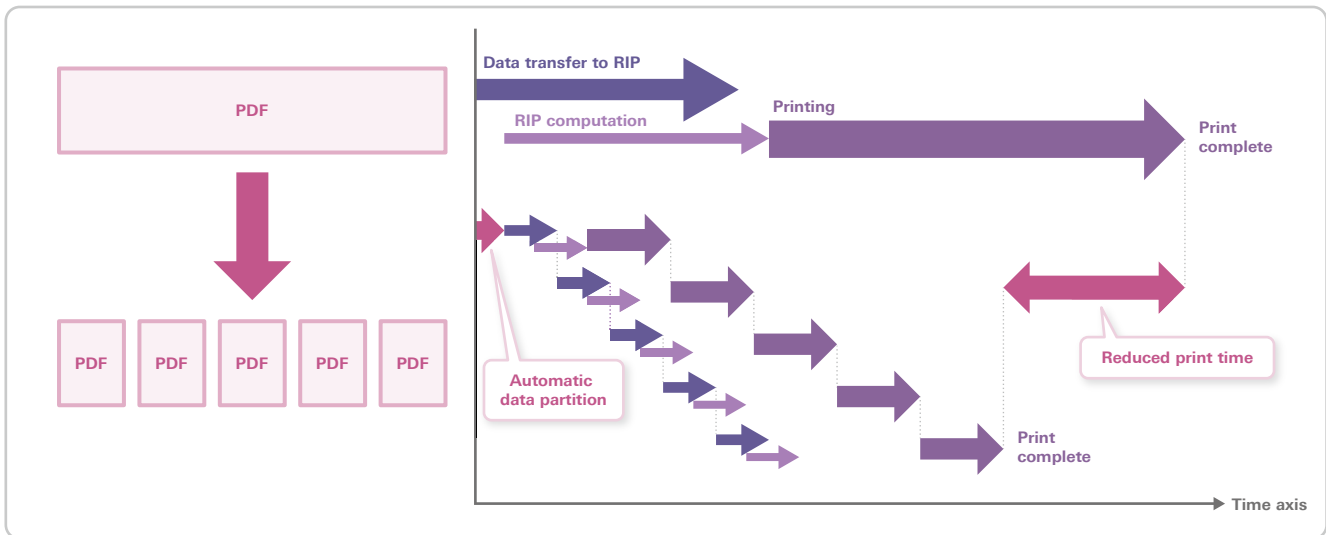# Overall management from prepress to postpress

Delivery date management

Printing is carried out according to the deadlines registered in the Management Information System (MIS). Quick delivery job is automatically processed as a priority according to the deadline.

Print jobs registered in AccurioPro Conductor

23:50 deadline
18:00 deadline
17:00 deadline
17:00 deadline
16:00 deadline

The system prioritises quick delivery jobs automatically.
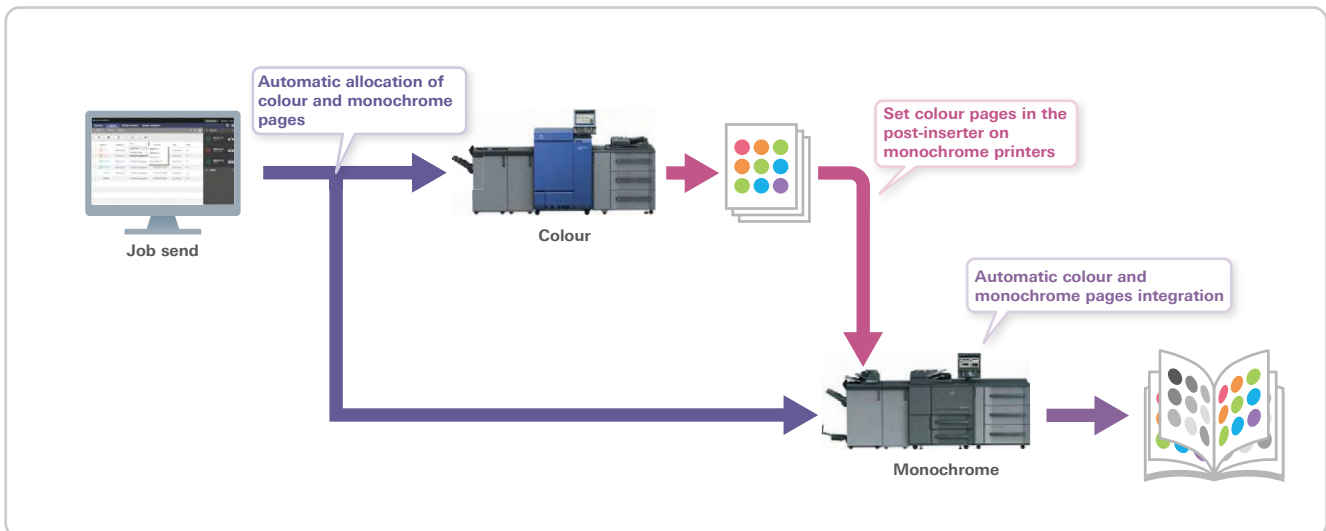
13:30 deadline

Speeding-up of high-volume jobs printing

Efficient printing can be carried out by automatically dividing large PDF files into smaller files before sending to printers.

PDF

PDF PDF PDF PDF PDF

Data transfer to RIP

RIP computation

Printing

Print complete

Automatic data partition

Reduced print time

Print complete

Time axis

Automatic routing of colour pages and monochrome pages for separate printing and automatic integration

Colour and monochrome pages are automatically routed to the optimal printer for output and then sorted, which streamlines workflow and delivers cost efficiency.

Automatic allocation of colour and monochrome pages

Job send

Colour

Set colour pages in the post-inserter on monochrome printers

Automatic colour and monochrome pages integration

Monochrome

* With this function, AccurioPro Conductor prints the job based on the colour information in the PDF document precisely.
Therefore, the job that includes a blank character designed in colour and the job that includes a character, figure, or pixel designed in colour and covered by a monochrome image are defined as the colour page. Then, they are automatically sent to the colour printer.

Major Specifications of AccurioPro Conductor

Server operating environment	
Product name	AccurioPro Conductor
OS	Windows 7 Professional SP1 (64-bit)
	Windows 8.1 Pro (64-bit)
	Windows 10 Pro (64-bit)
	Windows Server 2012 R2 Standard (64-bit)
CPU	Intel 64 architecture
	Core i5 1.4 GHz or higher
RAM	4GB or more
Disk free space	60GB or more
Network	TCP/IP, 100Base-T or more
Storage	USB or DVD drive
Required module	.NET framework 3.5
	(when OS is Windows 8.1 or Windows Server 2012 R2.)

Main functions	
Input	HTTP interface
	Hot folder (Input to AccurioPro Conductor)
	Input File Format (PDF/TIFF/PPML/PDF-VT)
Process/functions	Load Balancing (Auto Mode)
	Job scheduling (Auto Mode)
	Best Matching (Auto Mode)
	Job merge
	Cluster Support
Output/Finishing	Basic printing
	Stream Printing (Speeding-up of high-volume jobs printing)
	Inline Finisher support

Client operating environment	
Supported browsers	Google Chrome, Firefox, Internet Explorer 11, Microsoft Edge, Safari 9 (Except browser for mobile/tablet)
OS	Windows 7 Professional SP1 (64-bit)
	Windows 8.1 Pro (64-bit)
	Windows 10 Pro (64-bit)
	OS X 10.9.5, 10.10.5, 10.11 onwards
Network	TCP/IP, 100Base-T or more
Display	1280 x 1024 pixels or more
Languages	Japanese, English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese

The specification and functions above may not be supported or available depending on used OS or application, network protocol, network composition and system configuration.

Supported models		
	Models	Image controllers
Colour	AccurioPress C7100/C7090	IC-609
	AccurioPress C12000/C14000	IC-610
	AccurioPress C4080/C4070	IC-609
	AccurioPrint C4065	IC-607
	AccurioPress C83hc/C73hc	IC-605B
	AccurioPress C3080/C3070/C3070P	IC-605
	AccurioPress C2070 / C2070P / C2060	IC-603 /IC-313 /IC-314 /IC-417
	AccurioPrint C2060L	IC-603 /IC-417
	bizhub PRESS C1100 / C1085	IC-602 /IC-308 /IC-310
	bizhub PRESS C1070 / C1070P / C1060	IC-602 /IC-308 /IC-415
	bizhub PRESS C71hc	IC-602
	bizhub PROC1060L	IC-602 /IC-415
	bizhub PRESS C8000	IC-601(Ver.2)/IC-306
	bizhub PRESS C7000 / C7000P / C6000	IC-601(Ver.2)/IC-306 /IC-413
	bizhub PRESS C70hc	IC-601(Ver.2)/IC-306
	bizhub PROC754/C754e	IC-414
Monochrome	bizhub PRESS 2250P	Embedded
	bizhub PRESS 1250 / 1250P / 1052	Embedded
	bizhub PRO 1100 / 951	Embedded