

RICOH TotalFlow[®] BatchBuilder 2.1

Production Printing Solutions

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Streamline Your Workflow
with Intelligent Job Batching

Welcome to the reality of short runs

Print on Demand (POD) and Book Printers are struggling to keep up with the sharp increase in one-offs, short-run jobs, and personalization. A high volume of small jobs can overwhelm staff members, and the legacy or custom workflow systems that manage production.

Mixed-application jobs further complicate the situation, because they may involve roll-fed and cutsheet printers from different vendors and laborious setups for finishing and binding. Fortunately, RICOH® TotalFlow BatchBuilder 2.1 can simplify and automate many steps in short-run digital production, increasing efficiency and profitability.

Highlights:

- Creates efficient short-run digital workflow by preflighting and then grouping incoming jobs into batches
- Provides instant views of jobs that meet specific job properties, and by using the dashboard or filter/batch views, you can make decisions on volume metrics and create scheduling scenarios
- Enables you to edit orders and job properties and to create custom attributes, such as specific production requirements needed by finishing devices
- Leverages industry-standard tools that help you integrate customized systems
- Lets you move queued batches from one output device to another
- Provides vendor-neutral support for continuous feed and cutsheet devices
- Includes a browser-based user interface that enables manual job submission as well as workflow monitoring and management, leveraging barcodes for status and location updates
- Sends alerts – via email or in UI popups – for errors and issues
- Provides imposition capability with Ultimate Impostrip
- Batches together orders for book workflows through order integrity

Organize orders and batch jobs

RICOH TotalFlow BatchBuilder is an easy-to-install, vendor-neutral software that organizes incoming orders from multiple sources and produces them efficiently based on job criteria. Incoming jobs can be preflighted and you can set up rules to filter or “batch” jobs based on 50 standard attributes in the system, up to 50 customizable fields, or a combination of both. The new graphical dashboard provides a refined view of multiple jobs and can be downloaded as a .csv file for use elsewhere, making following jobs' progress easier than ever.

For book printers, the use of combination filters assures the integrity of orders flowing through the system and proper component batching for easy tracking.

Batching saves time, increases throughput, improves printer utilization and reduces setup time for bindery and finishing steps. RICOH TotalFlow BatchBuilder can also provide roll management capabilities, and can serve as your production management queue for a web-to-print (W2P) system.

Simplify job ticketing and scheduling

Order-generating systems like MIS, W2P portals, homegrown platforms, and prepress systems can communicate production information to RICOH TotalFlow BatchBuilder using XML or JDF. This boosts efficiency by addressing a common integration gap. Or you can use RICOH TotalFlow BatchBuilder with PDF files by submitting jobs into hot folders.

When using third-party mapping software, RICOH TotalFlow BatchBuilder applies job ticket mapping to automate the scheduling process. As jobs arrive, the software maps job ticket information from XML and then maps it out again in XML or JDF as device-specific job ticket data. You can easily integrate both upstream systems and downstream multivendor output devices. Use the third-party software we recommend, your own preferred mapping software, or ask our Professional Services team to create the mapping function for you.

Streamline job submission

For ticketless jobs considered to be repeat orders, RICOH TotalFlow BatchBuilder automates the ticketing. The software creates one or more local or remote hot folders with different job attributes. As a result, you can batch these jobs and eliminate touch points in your workflow.

When you submit PDF jobs manually, RICOH TotalFlow BatchBuilder allows you to enter ticket information, including quantity, imposition, media, and other criteria in the job window. Any job that is submitted to RICOH TotalFlow BatchBuilder can flow through a preflight process.

Gain insight into your entire workflow

Thanks to the browser-based user interface, you can see all work in your shop as well as metrics that assist with continuous improvement efforts and job accounting. For example, RICOH TotalFlow BatchBuilder provides instant views of all jobs that meet specific job properties based on printing, finishing, paper, and fields you define.

In addition, view metrics for total hours of work in a particular department and the number of rolls of paper used. The PDF viewer enables you to open and view files or download them. Get a clearer view of the time and media that are required to produce a batch of jobs, so you're armed with information that helps you manage your overall workload and materials inventory.

Add Workflow Automation

RICOH TotalFlow BatchBuilder works seamlessly with third-party applications and Ricoh's workflow products to further improve print operations. Need to track individual documents for compliance or reporting purposes? Send batches to RICOH ProcessDirector™ workflow software. Looking for an easy way to balance cutsheet workloads? Use RICOH TotalFlow Production Manager.

Manage orders for tracking and shipping purposes

After jobs in an order are split and printed in different batches, you need to track components, assemble, and collect them for shipping. RICOH TotalFlow BatchBuilder uses batch tickets or banner sheets to indicate jobs and their associated orders. Operators can easily check on the status and location of an order to locate elements using custom barcodes at a level not previously available.

Alert! Take action right away

Set triggers in RICOH TotalFlow BatchBuilder to send alerts for XML inconsistencies, input/output errors, batch errors, mapped network drive errors, mismatches for specific filter requirements, duplicate orders, low disk space, preflight errors, and impending due times for orders and jobs. View the notifications on the job, order, and alert tabs of the user interface, or have them sent directly to your email, making it easier to stay on schedule. In addition, you can see the number of batched jobs associated with the order in question, as well as the jobs and batches.

Expedite how you prioritize and manage work

Prioritizing jobs manually takes a lot of time. RICOH TotalFlow BatchBuilder automates this task with scenario scheduling. The software filters jobs based on document size, paper size, finishing styles, deadlines, customer name and more. You can create filters using full automation or semi-automation. Filtering also allows you to track the volume of work when you apply criteria such as number of jobs, sheets or run times.

Manage batches your way

RICOH TotalFlow BatchBuilder gives you complete control of how and when jobs are produced, from order entry to imposition (through integration with Ultimate Imposition) on through finishing. Stay flexible to meet changing customer needs and ahead of deadlines. Choose to route batches manually, automatically, or semi-automatically, and to define the output device-specific criteria.

Add roll management capability

When you use a continuous feed inkjet system, RICOH TotalFlow BatchBuilder allows you to set thresholds within a filter. For example, you have a 40,000-foot roll of a particular stock and you want to accumulate enough jobs to fill the roll. As soon as your roll's worth of jobs are ready, the batch can be sent to the printer automatically.

Eliminate manual batching and queue management

When your staff manages batches and queues manually for all of your digital devices, throughput and accuracy may suffer. Add RICOH TotalFlow BatchBuilder and one of Ricoh's digital inkjet devices to your operation to:

- Raise page volume across mixed applications
- Reduce errors by eliminating the re-keying of information in multiple locations
- Improve visibility and manage deadlines
- Integrate with Ultimate Imposition to make imposition quick and easy

Know you can grow at your speed

Ricoh customers who operate midsize-to-large shops helped us design and develop RICOH TotalFlow BatchBuilder with integration as a core requirement. As a result, you'll feel confident that the software addresses your business priorities in a way that is unique in the industry.

RICOH TotalFlow BatchBuilder scales to your size and needs, whether you're running as few as two cutsheet devices or a combination of numerous cutsheet and continuous feed devices. Start with the base RICOH TotalFlow BatchBuilder or choose optional features that add preflight, automation capabilities, additional outputs to multivendor devices, integration with workflow software, mapping of vendor equipment, disaster recovery capabilities, and more to craft a custom management solution that's right for you.

Try it free for 60 days*

Download RICOH TotalFlow BatchBuilder and see how much time and money you can save. Install the software in about 10 minutes and start using it immediately.

**Preflight functionality is only available for the first 30 days of your trial.*

RICOH TotalFlow BatchBuilder at a glance

System Requirements	OS	Edition	64 bit (x64)	Notes
	Windows® 7 (SP1)	Professional, Enterprise, Ultimate	⊗	Adobe Acrobat Reader version 10 or higher
	Windows 8	Professional, Enterprise	⊗	Adobe Acrobat Reader version 10 or higher
	Windows Server 2008 (SP2)	Standard, Enterprise	⊗	Adobe Acrobat Reader version 10 or higher
	Windows Server 2012	Standard	⊗	Adobe Acrobat Reader version 10 or higher
	Windows 10	Professional, Enterprise	⊗	Adobe Acrobat Reader version 10 or higher
Computer	<ul style="list-style-type: none"> CPU: dual core processor 2.4 GHz or higher Main memory: 4 GB RAM 			
Hard Disk	<ul style="list-style-type: none"> 250 GB of available space is recommended for the initial installation; depending on usage, up to 500 GB and more is recommended. An SSD-type hard disk is recommended for better performance. 			
Display	<ul style="list-style-type: none"> 1280 x 1024 pixels or higher 			
Web Browser	<ul style="list-style-type: none"> Supported web browsers include Microsoft Edge, Internet Explorer 10 or later, Mozilla Firefox 19 or later, Google Chrome 21 or later, Safari 5 or later 			
Base Product	<ul style="list-style-type: none"> XML Input/Mapping Filters Orders/Job Management Batch Management 	<ul style="list-style-type: none"> Triggers and Alerts Manual Job Submission PDF + Hot Folder Custom Fields 	<ul style="list-style-type: none"> PDF Viewer Five Outputs Included Imposition Barcodes 	<ul style="list-style-type: none"> Dashboard Banner Sheets
Optional Features	<ul style="list-style-type: none"> Automation Feature Unlimited Outputs 	<ul style="list-style-type: none"> XML/JDF Output Process Directory File List 	<ul style="list-style-type: none"> Restricted Use Backup Notify Add On 	<ul style="list-style-type: none"> Preflight

Get more information

Contact your Ricoh production print specialist or visit <http://www.ricoh-usa.com/batchbuilder>, where you can request free, trial software.

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