
Customer Reference Document: RICOH TotalFlow Optimizer™ V3.0(5765-H35)

Overview

RICOH TotalFlow Optimizer is a solution for mid-large size commercial and book printers. Its focus is to organize incoming orders from multiple sources, automate prepress tasks, group similar jobs to drive print and finishing efficiency minimizing waste, and creating a streamlined workflow for faster turnaround and higher profitability. Orders come into production through systems such as MIS or web to print (W2P), often with manual touchpoints. Leveraging APIs RICOH TotalFlow Optimizer can remove these manual touchpoints and automatically receive print files with associated job ticket information from 3rd party or custom solutions. Jobs can be automatically preflighted for problems filtered into batches for print and finishing efficiency based on examples like media width and height, document size, finishing type and so on. Additional integrations with Ultimate Imposition allows for the batches to be imposed and sent to the correct printer creating a highly efficient workflow for short-run digital jobs.

Enhancements in this Release V3.0

This release of RICOH TotalFlow Optimizer includes:

- Security issue resolution
- Input API and enhanced bi-directional communication
- JMF enhancements for Ricoh printers to track job completion during print life cycle

Item Numbers

The following table contains the product plus features for RICOH TotalFlow Optimizer V3.0. There are three methods for ordering: ad-hoc, basic and advanced packages. The basic package includes preflight, the advanced package includes all features, or you can customize the features you need using the ad-hoc method. The base product is needed for all custom ad-hoc orders.

Item Number	Description
5765-H35-OC001	TF OPTIMIZER BASE PLATFORM OPTION CLASS
401249	TF OPTIMIZER BASE
423025	TF OPTIMIZER BASIC PACKAGE
423026	TF OPTIMIZER ADVANCED PACKAGE
5765-H35-OC003	TF OPTIMIZER MEDIA OPTION CLASS
401254	TF OPTIMIZER MEDIA
5765-H35-OC002	TF OPTIMIZER OPTIONAL FEATURES OPTION CLASS
401250	TF OPTIMIZER AUTOMATION OPTION
255835	TF OPTIMIZER PREFLIGHT
401252	TF OPTIMIZER UNLIMITED OUTPUTS OPTION

401251	TF OPTIMIZER XML/JDF OUTPUT OPTION
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Software Requirements

RICOH TotalFlow Optimizer can be installed on one of the operating systems listed below.

Operating System	Edition	64bit (x64)
Windows 10 *Pro and Enterprise and their updates are supported as long as Microsoft provides mainstream support	Pro Enterprise	X
Windows 11 *Pro and Enterprise and their updates are supported as long as Microsoft provides mainstream support	Pro Enterprise	X
Windows Server 2016	Standard	X
Windows Server 2019	Standard Essentials	X
Windows Server 2022	Standard	X
Windows Server 2025	Standard	X

*If you install TotalFlow Optimizer on an operating system that is running on VMware software, the system might experience a drop in performance. To avoid any TotalFlow Optimizer performance issues, make sure you allocate a separate disk drive for the VMware software. Also, if using a VM, Optimizer requires a static IP address for licensing purposes.

In addition, the following hardware and software is required:

Item	Requirements
Computer	CPU – Quad Core Processor 2.7 GHz or better (64-bit CPU) Main Memory –8 GB RAM recommended (4 GB RAM minimum required)
Hard disk	We recommend 500 GB of available space for the initial installation and up to 1 TB depending on usage. Note: The amount of space required varies greatly, depending on the size and number of orders and jobs and on the specific processes that are set within TotalFlow Optimizerr.

	Using a SSD type hard disk is recommended for better performance. 250 GB of available disk space for the initial installation and 500 GB or more, depending on usage
Display	1280 x 1024 pixels or higher Note: Maximize the browser window when you use this application. If the size of the browser window is not large enough to display the user interface, you might experience problems with truncated display.

Publications

All publications are downloadable from the [Ricoh Software Information Center](https://help.ricohsoftware.com/swinfocenter/) or

<https://help.ricohsoftware.com/swinfocenter/>

The following publications are available.

- Setup Guide
- User's Guide
- Software License Agreements

Language Support

RICOH TotalFlow Optimizer V3.0 is available in English

Translations will be updated in TotalFlow Optimizer v3.0.1 for French, Italian, German, Spanish, Dutch and Japanese.

Limitations

- If you want to use secure HTTP connections, you have to provide and configure your own secure certificates to the Apache Tomcat 7 web server for covering the HTTPS aspects.
- The maximum number of jobs retained within the system is currently approximately 30000. If you exceed this value, the system might experience delays in displaying information. Adjust the retention time properly for batches and orders.
- When sending a batch for printing to an InfoPrint 5000 printer model, the maximum number of copies printed is limited to 32768.
- When the incoming PDF files are encrypted, TotalFlow Optimizer cannot determine the correct number of pages or the document page size. For a correct estimation, send the PDF files without any encryption set or adjust the values manually using the edit job function.

Customer Responsibilities

The customer is responsible for installing, configuring, maintaining, and using this product according to documented procedures, and for using the product in accordance with the Ricoh Software License Agreement, which can be found at this Web link:

[https://help.ricohsoftware.com/swinfocenter/ricoh-software-licenses/swlicenses.ditamap/\\$/licenseshome](https://help.ricohsoftware.com/swinfocenter/ricoh-software-licenses/swlicenses.ditamap/$/licenseshome)

Additional customer responsibilities can be found in the “Software Support Handbook” under your responsibilities at this Web link:

<https://help.ricohsoftware.com/swinfocenter/ricoh-software-support/pdfs/Ricoh-GC-Software-Support-Handbook.pdf>

Terms and Conditions

RICOH TotalFlow Optimizer is offered by Ricoh USA, Inc. in the United States and by one or more of its affiliates in selected countries outside of the United States, collectively (“Ricoh”).

The information provided in this announcement letter is for reference and convenience purposes only. The terms and conditions that govern any transaction with Ricoh are contained in the applicable contract documents, such as, but not limited to, the Ricoh Software License Agreement (RSLA) and the Ricoh Software Maintenance Agreement for Production Printing Software.

Licensing:

The RSLA governs your use of the program. Your invoice serves as your License Confirmation as defined in the RSLA. These programs have a One-time-charge (OTC) for use of the program, and an annual (or multi-year if available) renewable charge for ongoing support, which includes telephone assistance, as well as access to updates and new releases of the program if you have a current software maintenance agreement in effect.

Maintenance Service Offerings

Ricoh includes one year of software maintenance with the initial license acquisition of each program acquired under the terms of Ricoh Software Maintenance Agreement for Production Printing Software, which does not require customer signatures.

While covered under the terms of the software maintenance agreement, Ricoh provides assistance for your routine, short-duration installation, and usage (how to) questions, as well as code defect support and access to Product Updates, releases, and versions of the program.

Ricoh provides assistance via telephone and, if available, electronic access, only to your Information Systems (IS) technical support personnel during normal business hours (published prime shift hours) of your Ricoh support center. This assistance is not available to your end users. Ricoh provides Severity 1 assistance 24 hours a day, every day of the year.

Software maintenance does not include assistance for the design and development of applications, program modifications, print data-streams, your use of programs in other than their specified supported operating environment, or failures caused by products for which Ricoh is not responsible under this agreement.

Limited Warranty

RICOH TotalFlow Optimizer is warranted as stated in the Ricoh Software License Agreement

Ordering Information

RICOH TotalFlow Optimizer is composed of a base license, and optional features. For detailed ordering information contact your local Ricoh representative.

Marketing channels

Ricoh Sales Specialists

Warranty Period

The program is warranted for 90 days as stated in the Ricoh Software License Agreement.

Accessibility by people with disabilities

The base RICOH TotalFlow Optimizer accessibility capabilities and characteristics apply to this product update.

A U.S. Section 508 Voluntary Product Accessibility Template (VPAT) containing details on the product accessibility compliance can be requested via this Web site:

<https://www.ricoh-usa.com/en/about-us/corporate-responsibility-and-environmental-sustainability/accessibility>

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