



Setup Guide

Version 3.0

Before Installation

1

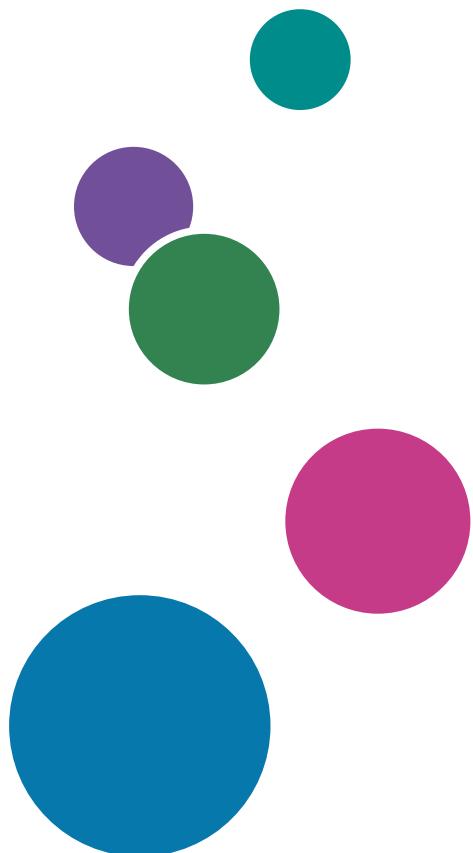
Installation

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After Installation

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For information not in this
manual, refer to the Help
System in your product.



Introduction

Important

- To the maximum extent permitted by applicable laws, in no event will the manufacturer be liable for any damages whatsoever arising out of failures of this product, losses of documents or data, or the use or non-use of this product and operation manuals provided with it.
- Make sure that you always copy or have backups of important documents or data. Documents or data might be erased due to your operational errors or malfunctions of the machine. Also, you are responsible for taking protective measures against computer viruses, worms, and other harmful software.
- In no event will the manufacturer be responsible for any documents created by you using this product or any results from the data executed by you.

Cautions Regarding this Guide and General Use of this Application

- The contents of this document are subject to change without notice.
- Some illustrations or explanations in this guide may differ from your application due to improvement or change in the application.
- Some illustrations or explanations vary by product version and options selected.
- This document explains how to use the user interface using examples and illustrations.
- No part of this document may be duplicated, replicated, reproduced in any form, modified, or quoted without prior consent of the supplier.

Guides for this Application

The following guides are available for TotalFlow Optimizer.

Instruction Manuals

These instruction manuals are included:

- *Setup Guide (PDF)*
This guide explains planning and installation procedures for this application.
- *User's Guide (HTML/PDF)*
This guide explains the functions and basic operations of this application.
The HTML version of the *User's Guide* is available from the web browser-based user interface and provides quick navigation and search features.

Adobe Acrobat Reader or Adobe Reader is required to view the PDF documentation.

Field Help

The field help uses explanatory balloons to define various user interface elements. In this guide, this type of help is referred to as "on-screen balloon help".

How to Read the Documentation

Before Using this Application

This manual contains instructions and cautions for correct use of this application. Before using this application, read this manual thoroughly and completely. Keep this manual handy for future reference.

How to Use the Manuals

To learn how to install and start this application

See the *Setup Guide*.

To learn about the functions and basic operations of this application

See the *User's Guide*.

To learn about configuring on-screen settings, correct entry, and so on

See the on-screen balloon help.

Displaying the RICOH TotalFlow Optimizer Setup Guide and User's Guide in PDF Format

The publications are available in the installation package, so you can access them before you install the application.

After you install the application, you can access the TotalFlow Optimizer publications from the Windows Start menu.

Note

A PDF viewer, such as Adobe Acrobat Reader, is required to view the PDF documentation.

- To display the *Setup Guide* (PDF), go to **Start** → **All apps** → <Program Group> and select [**Setup Guide**].
- To display the *User's Guide* (PDF), go to **Start** → **All apps** → <Program Group> and select [**User's Guide**].

Note

The default Program Group for the TotalFlow Optimizer application is [**RICOH TotalFlow Optimizer**]. You can set a different Program Group during the installation process.

Displaying the User's Guide in HTML Format

The HTML version of the *User's Guide* is available from the web browser-based user interface.

To display the HTML *User's Guide*:

- On the top menu bar of the TotalFlow Optimizer user interface, click  the help menu button and select **[Help]**.
- If you are not logged in to TotalFlow Optimizer, enter this URL in the address bar of your browser:

`http://server.address:port.number/Optimizer`

where *server.address* is the host name or IP address of the computer where TotalFlow Optimizer is installed and *port.number* is the web service port. The web service port can be set during installation and the default value is 19080.

Symbols

The following symbols are used in this manual to help you to identify content quickly.

 **Important**

This symbol indicates points to pay attention to when using the application. Be sure to read these explanations.

 **Note**

This symbol indicates supplementary information that you may find helpful, but not essential to completing a task.

[Bold]

[Bold type] inside square brackets indicates the names of menus, menu items, settings, field labels, buttons, and keys.

Italic

Italic type indicates variables that you must replace with your own information.

Monospace

Monospace type indicates computer input and output.

...

An ellipsis indicates that a series can continue.

Abbreviations

GUI

Graphical User Interface

PDF

Portable Document Format

IP

Internet Protocol

HTTP

Hyper Text Transfer Protocol

XML

Extensible Markup Language

XSLT

Extensible Stylesheet Language Transformations

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The proper names of the Windows operating systems are as follows:

- Windows 10:
 - Microsoft Windows 10 Pro
 - Microsoft Windows 10 Enterprise
- Windows 11:
 - Microsoft Windows 11 Pro
 - Microsoft Windows 11 Enterprise
- Windows Server 2016 (Server with Desktop Experience):
 - Microsoft Windows Server 2016 Standard
- Windows Server 2019 (Server with Desktop Experience):
 - Microsoft Windows Server 2019 Standard
 - Microsoft Windows Server 2019 Essentials
- Windows Server 2022 (Server with Desktop Experience):
 - Microsoft Windows Server 2022 Standard
- Windows Server 2025 (Server with Desktop Experience):
 - Microsoft Windows Server 2025 Standard

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1. Before Installation

• Computer Requirements

Computer Requirements

To run TotalFlow Optimizer, your computer must meet these requirements. Before setup, make sure that all the requirements are met.

Server Requirements

This is a list of all the requirements for the computer where you want to install TotalFlow Optimizer:

Item	Requirements
Computer	<ul style="list-style-type: none">• Server Class Computer• CPU: Quad Core Processor 2.7 GHz or higher (64-bit CPU)• Main memory: 8 GB RAM or higher (4 GB RAM minimum required)
Hard disk	We recommend 250 GB of available disk space for the initial installation and 500 GB or more, 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 Optimizer. Using a solid state drive (SSD) is recommended for better performance.
Display	1280 × 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.
Operating systems	<p>One of these:</p> <ul style="list-style-type: none">• Windows 10 Pro or Enterprise (64-bit)• Windows 11 Pro or Enterprise (64-bit)• Windows Server 2016 Standard (64-bit)• Windows Server 2019 Standard or Essentials (64-bit)• Windows Server 2022 Standard (64-bit)• Windows Server 2025 Standard (64-bit) Important <ul style="list-style-type: none">• Windows 10 and Windows 11 Pro and Enterprise and their updates are supported as long as Microsoft provides mainstream support.• 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.
Network	Make sure the DNS name configured on the machine where TotalFlow Optimizer is installed, contains only these ASCII characters: <ul style="list-style-type: none">• English lower case characters a-z• English upper case characters A-Z• Numbers 0-9

Item	Requirements
	<ul style="list-style-type: none"> • Hyphen-minus character -
TCP/IP ports	<ul style="list-style-type: none"> • Web server: 19080 (or the port selected during installation) • Storage service port: 19580 (or the port selected during installation) <p>Important</p> <p>If your firewall is configured to block the default ports or the ports that you set up during the installation, you must open them. See the documentation for the Windows firewall. If you are using a different firewall, see the documentation for the firewall that is enabled on your computer to make sure that the TotalFlow Optimizer ports are open.</p>
Prerequisite programs	<ul style="list-style-type: none"> • A PDF Reader to view job files.
Web browser	<p>The current version of one of these browsers:</p> <ul style="list-style-type: none"> • Mozilla Firefox (http://www.mozilla.org/en-US/firefox/all.html) • Google Chrome (https://www.google.com/intl/en/chrome/browser/) • Microsoft Edge (https://www.microsoft.com/en-us/windows/microsoft-edge) <p>A supported browser is required only if you want to access the user interface from the computer where you install TotalFlow Optimizer.</p> <p>Important</p> <ul style="list-style-type: none"> • Pop-ups must be enabled for the TotalFlow Optimizer application. See Configuring Client Computers, p. 24 or the documentation for your browser.
Supported languages	English, French, Italian, German, Spanish, Dutch, Japanese.

Client Computer Requirements

This is a list of all the requirements for any client computer that will access TotalFlow Optimizer:

Item	Requirements
Display	1280 × 1024 pixels or higher
Operating system	<ul style="list-style-type: none"> • Any Windows system that supports the web browsers listed below • Any Mac system that supports the web browsers listed below
Network access	Be able to access the target server by referring to the IP address or DNS host name.

Item	Requirements
Recommended programs	<ul style="list-style-type: none">• A PDF Reader required for viewing TotalFlow Optimizer job files.• Enfocus PitStop Server https://www.enfocus.com/en/products/pitstop-server is recommended for the external preflight software. Other options, like the PitStop Pro, desktop version, are unsupported.
Web browser	<p>The current version of one of these browsers:</p> <ul style="list-style-type: none">• Mozilla Firefox (http://www.mozilla.org/en-US/firefox/all.html)• Google Chrome (https://www.google.com/intl/en/chrome/browser/)• Microsoft Edge (https://www.microsoft.com/en-us/windows/microsoft-edge) <p>Important</p> <ul style="list-style-type: none">• Pop-ups must be enabled for the TotalFlow Optimizer application. See Configuring Client Computers, p. 24 or the documentation for your browser.
Supported languages	English, French, Italian, German, Spanish, Dutch, Japanese.

2. Installation

- **Installing TotalFlow Optimizer**
- **Migrating to the latest version of TotalFlow Optimizer**

Installing TotalFlow Optimizer

To install TotalFlow Optimizer, you need the TotalFlow Optimizer installation media or the downloaded installation package.

To install TotalFlow Optimizer:

1. Log in to Windows as an Administrator.
2. Insert the TotalFlow Optimizer installation media in the drive or open the downloaded installation package.

If you use the installation media and the autorun feature of Windows is enabled, the installer starts automatically. If the installer does not start automatically, go to the **Setup** folder on the installation disk and run **setup_x64.exe**.

If you have an installation package, double-click the .exe file from the package to start the installation.

3. If the **[User Account Control]** dialog appears, click **[OK]**.
4. On the setup screen, select a language for the installer and click **[OK]**.
The **[Introduction]** dialog is displayed.
5. Click **[Next]**.
The **[Try or Register]** dialog is displayed.
6. In the **[Try or Register]** dialog, select one of the two options:
 - I have bought this product and I want to register it.
Select this option if you have purchased the TotalFlow Optimizer software and want to install the permanent license.

 **Important**

Make sure that you have the email with the Entitlement ID (EID) that you received from your service representative.

7. • I want to try this product.
Select this option if you want to use the TotalFlow Optimizer software in trial mode. You have 60 days to evaluate the product before it stops working. At any time during trial mode or after the trial mode ends, you can purchase and register the TotalFlow Optimizer software.

8. Click **[Next]**.
The **[License Agreement]** dialog is displayed.
9. In the **[License Agreement]** dialog:
 1. Read the license agreement.
 2. Click **[I accept the terms of the License Agreement]**.
 3. Click **[Next]**.
9. If you chose to try the product, the **[Try]** dialog is displayed. Click **[Next]**.
If you chose to register the product, the **[Register]** dialog is displayed.

You can obtain the license key file using the self-service website. Then, in the **[Register]** dialog, you can either click **[Browse...]** and select the license key file or paste the content of the license key file in the text area to activate the TotalFlow Optimizer software. Click **[Next]** to complete the product activation and continue with the installation.

The **[Choose install folder]** dialog is displayed.

10. In the **[Choose install folder]** dialog:

1. **Optional:** To change the default installation folder, click **[Choose]**. Go to the folder where you want to install TotalFlow Optimizer and click **[OK]**.

 **Note**

- If you accept the default installation folder and C:\Program Files\RICOH\TotalFlow Optimizer does not exist, the installer creates it.
- If you want to restore the default installation folder, click **[Restore Default Folder]**.
- Make sure that the install path for TotalFlow Optimizer contains only characters from the same code page as the operating system.
- Make sure that the specified install location contains the recommended disk space for installing and running TotalFlow Optimizer. For more information, see "["Computer Requirements", p. 9](#)

2. Click **[Next]**.

The **[Choose shortcut folder]** dialog is displayed.

11. In the **[Choose shortcut folder]** dialog:

1. Select where you want to create the product icons:

In a new Program Group

You can edit the name of the new program group.

In the Start Menu

Select this option if you want to place a shortcut icon in the Start Menu.

On the Desktop

Select this option if you want to place a shortcut icon on the Desktop.

In the Quick Launch Bar

Select this option if you want to place a shortcut icon in the Quick Launch Bar.

Other

Type in the folder path where you want to place the shortcut icon or click **[Choose]** and manually select a folder.

Do not create icons

Select this option if you do not want to create any shortcut icons.

 **Note**

If you want to create icons for all the users, select the **[Create Icons for All Users]** option.

2. Click **[Next]**.

The **[Configure ports]** dialog is displayed.

12. In the **[Configure ports]** dialog, you can change the default port numbers for the TotalFlow Optimizer web server and the database server. Click **[Next]**.

The **[Choose Units of Measure]** dialog is displayed.

13. In the **[Choose Units of Measure]** dialog, you can set the Measurement System you want TotalFlow Optimizer to use. Select the Imperial Measurement System or the Metric Measurement System from the list. Click **[Next]**.

The **[Preflight setup]** dialog is displayed.

14. In the **[Preflight setup]** dialog, you can select between the preflight internal to TotalFlow Optimizer and an external preflight software.

1. The **[Preflight setup]** dialog is displayed.
2. Select one of the following configurations: **[Preflight files using Optimizer's internal Preflight Software]** or **[Preflight files using external preflight software]**.

 **Note**

The preflight function is available if you have an active license for the TotalFlow Optimizer Preflight Feature. It is also available in the trial version of the product for 30 days.

3. Click **[Next]**. The **[Input default user information]** dialog is displayed.

15. In the **[Input default user information]** dialog:

1. Enter a user name, a password, and the password confirmation for the default user.
2. Click **[Next]**.

The **[Pre-installation summary]** dialog is displayed.

16. Review the information in the **[Pre-installation summary]** dialog and click **[Install]**. The installation process begins and you can follow its progress.

17. In the **[Install complete]** dialog, click **[Done]** to finish the installation procedure.

If there were any errors during the installation, the location of the log file is displayed.

The default web browser opens and you can see the TotalFlow Optimizer user interface.

Important

- If you install multiple software on the same server where TotalFlow Optimizer is installed, make sure you increase the system hardware so that the system satisfies the sum of all individual hardware requirements. To view the system requirements, go to [Computer Requirements, p. 9](#).
- 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.
- Due to file system security constraints, if you intend to use TotalFlow Optimizer with **[Ultimate Imposstrip®]** on the same server, it is recommended to install these two applications in a different location than the one where **[Program Files]** and Windows system folders are located. For example, use a **D:** drive for these two programs if you have the Windows operating system installed on the **C:** drive. To complete the configuration process, after installing TotalFlow Optimizer, go to **Admin → Features → Imposition**. Depending on the **[Ultimate Imposstrip®]** version, either specify the directory path where **[Ultimate Imposstrip®]** is installed or specify the server address and port number. Then, enable the **[Ultimate Imposstrip®]** toggle and, in the **[Mapping]** tab, select the **[Co-location]** check box.
- If you installed TotalFlow Optimizer and **[Ultimate Imposstrip®]** on the same drive where the **[Program Files]** and Windows system folders are located, do not select the **[Co-location]** checkbox. First, configure **[Ultimate Imposstrip®]** to have the input hot folders and **[Imposstrip \XmlInput]**, **[Imposstrip \AuditFiles]** saved on a separate drive from the one containing the **[Program Files]** and Windows system folders. Then, in TotalFlow Optimizer, go to **Admin → Features → Imposition → Mapping** and make sure that **[PDF to be Imposed]** and **[Imposed PDF]** are saved on a separate drive from the one containing **[Program Files]** and Windows system folders.
- The interaction implemented between TotalFlow Optimizer and **[Ultimate Imposstrip®]** relies completely on file exchange, without an API, as follows:
 1. TotalFlow Optimizer copies the PDF file into the **[PDF to be Imposed]** folder of **[Ultimate Imposstrip®]**, using the service user account.
 2. TotalFlow Optimizer writes an XML ticket file into the **[XML Ticket]** folder of **[Ultimate Imposstrip®]**, using the service user account.
 3. **[Ultimate Imposstrip®]** reads the XML ticket, reads the PDF, and starts processing, placing the output into the **[Imposed PDF]** location. All these actions are performed under the user that created the **[Ultimate Imposstrip®]** account.
 4. When the process is complete, **[Ultimate Imposstrip®]** writes an Audit file that provides an evaluation of the process into the **[Audit Log]** folder.
 5. TotalFlow Optimizer monitors the **[Audit Log]** folder and whenever the expected Audit file is ready, it reads the file and takes the imposed PDF from the **[Imposed PDF]** location.
- For more information on **[Ultimate Imposstrip®]**, see the documentation provided with the product or go to <https://ultimate-tech.com/support/>.
- To view information on the **Enfocus PitStop Server** version number:
 1. Go to **Admin → Features → Preflight** and enable and properly configure the **[Preflight]** feature.

2. In the **[Jobs]** tab, double-click a job in the **[Batched]** or **[Unbatched]** state to open the job properties. In the **[Preflight]** tab, open the document under the **[Preflight Report]** field. If there is no report available, click the **[Run manual preflight]** button.
3. In the generated preflight report, see the **Enfocus PitStop Server** version in the footer of every page and under the **[General File Information]** section.

For more information on how to configure **Enfocus PitStop Server**, see: <https://www.enfocus.com/en/support/manuals/pitstop-pro-manuals>.

2

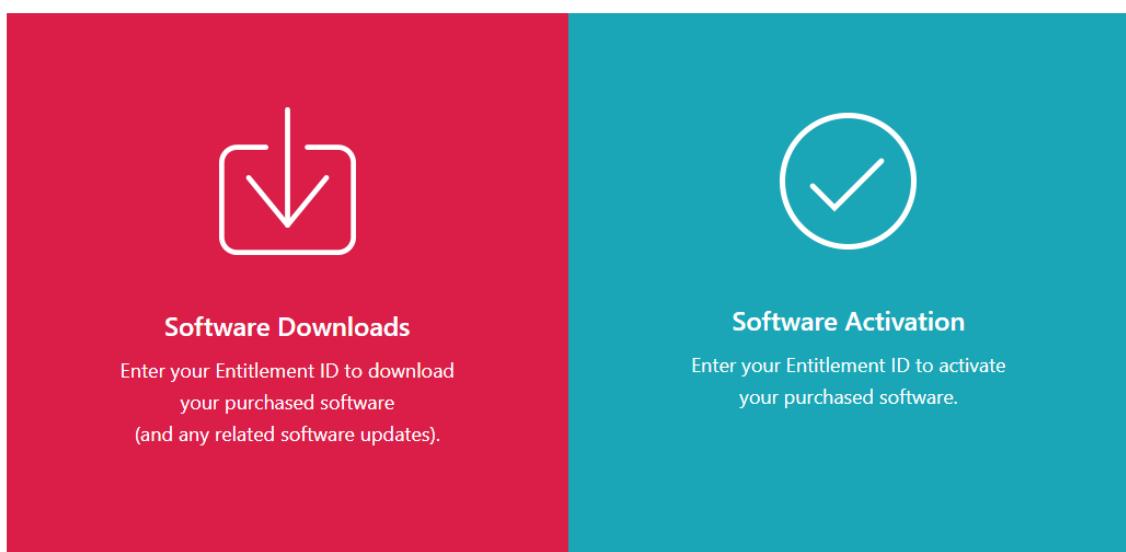
Obtaining a Permanent License File

To install the permanent license, you need a license file. You can obtain the license file using the self-service website.

To obtain the license file using the self-service website:

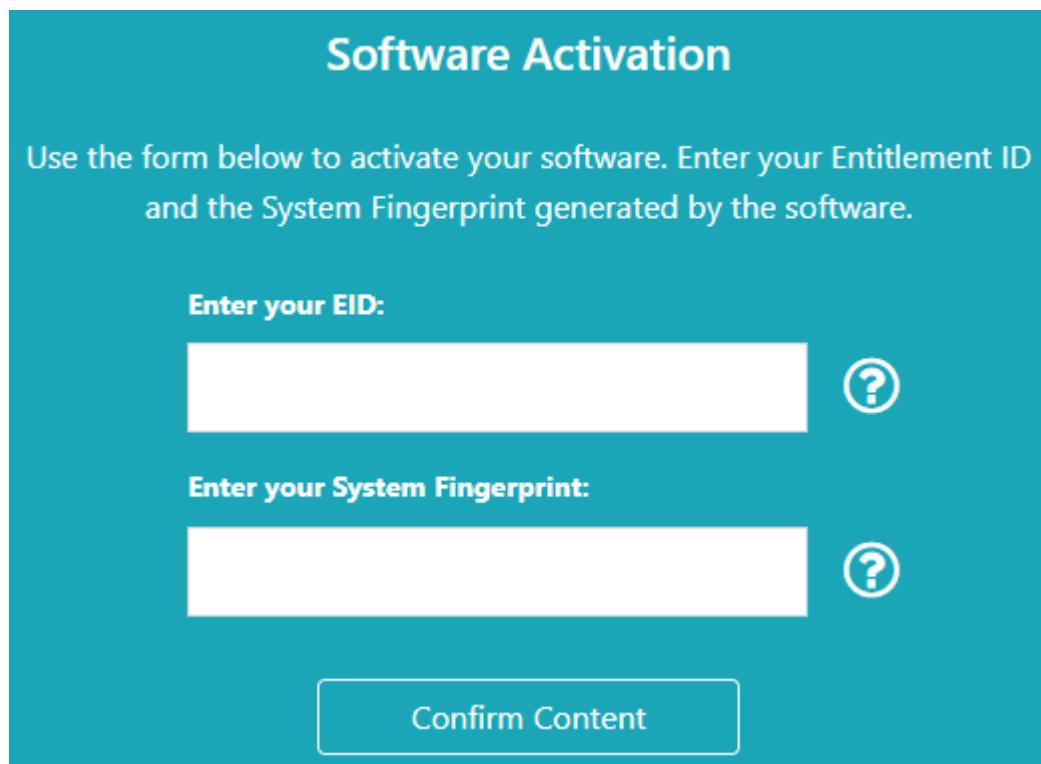
1. Make sure that you have the email containing the entitlement ID (EID) that you received from Ricoh.
2. If the computer where TotalFlow Optimizer is installed does not have Internet access:
 1. Do not close the license application on the computer where TotalFlow Optimizer is installed.
 2. Log into a computer that has Internet access.
 3. Use the Remote Desktop Connection to connect to the computer where the TotalFlow Optimizer is installed.
 4. Log in with the same user name and password that you used when you started the license application.
3. On the computer that has Internet access, go to this website: <https://dl.ricohsoftware.com>.

What action would you like to take?



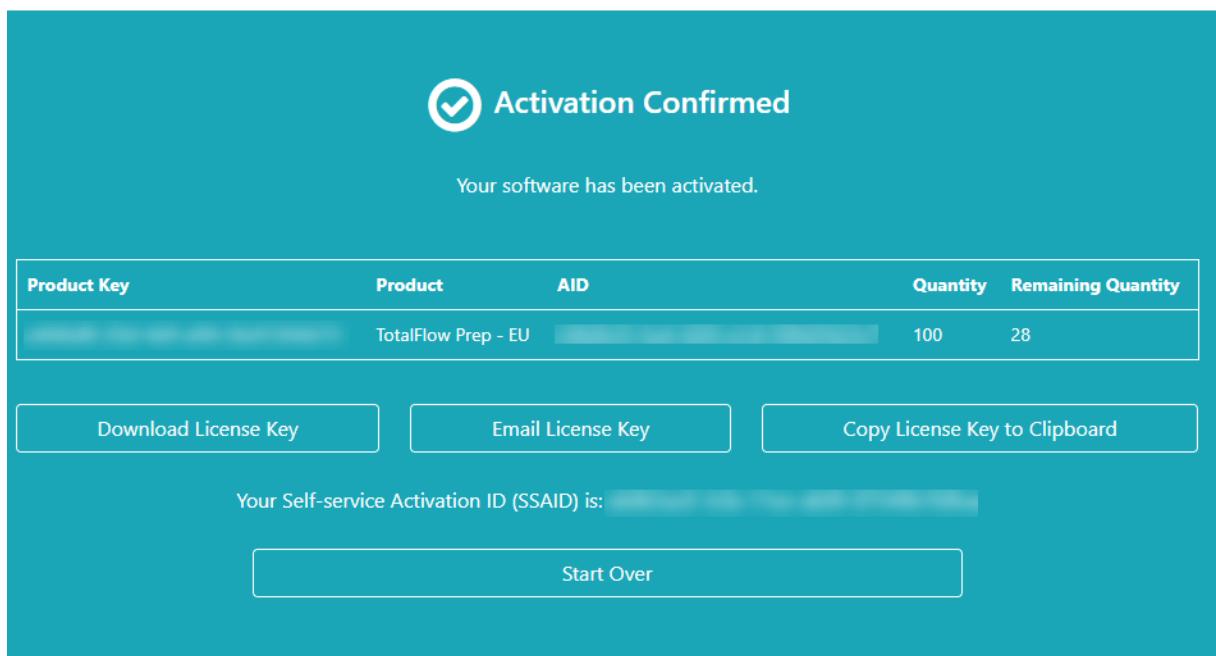
4. Click **Software Activation** on the right side of the screen.

5. In the **Software Activation** dialog, insert the EID and the system fingerprint.



1. Copy and paste the EID from the email you received from Ricoh.
2. In the TotalFlow Optimizer license management application, select and copy the 16-character **System fingerprint** that uniquely identifies the computer where TotalFlow Optimizer is installed.
3. Return to the Software Activation webpage. Paste the system fingerprint in the **Enter your System Fingerprint** field.
4. Click **Confirm Content**.
6. In the **Activation Content Confirmation** dialog:
 1. Review the confirmation information.
 2. Click **Activate**.

You will receive a confirmation that your software has been activated. A license key is generated with an Activation ID for the client computer and is displayed on the screen.



2

 **Note**

The number of activations of the license is displayed under **Quantity**. The remaining number of activations available for this license is displayed under **Remaining Quantity**.

- To download the license key, click **Download License Key**. The saving procedure and file type are different for each browser. Record the folder where you saved the license key.
- To email the license key file to someone else, click **Email License Key**.

Enter Email Address



Please enter the email address you want the license key sent to.

Email

your_email@domain.com

Cancel

Send

- Type the email address.
- Click **Send**.
- If you are finished, close the browser tab. To restart the process, click **Start Over**.

10. If you accessed the Internet from a different computer than the one where the TotalFlow Optimizer is installed, copy the license file to the computer where the TotalFlow Optimizer is installed.

Migrating to the latest version of TotalFlow Optimizer

If you already have TotalFlow Optimizer installed, you can upgrade to a higher version without uninstalling your existing software.

2

Before migrating from a previous version of TotalFlow Optimizer, it is strongly recommended that you back up the current TotalFlow Optimizer installation. For detailed instructions on backing up your TotalFlow Optimizer objects and system settings, see the *TotalFlow Optimizer User's Guide*.

To upgrade to the latest version of TotalFlow Optimizer:

1. Log in to Windows as an administrator.
2. Insert the TotalFlow Optimizer installation media in the drive or open the downloaded installation package.
If you use the installation media and the autorun feature of Windows is enabled, the installer starts automatically. If the installer does not start automatically, go to the **Setup** folder on the installation disk and run **setup_x64.exe**.
If you have an installation package, double-click the .exe file from the package to start the installation.
3. If the **[User Account Control]** dialog appears, click **[OK]**.
4. On the setup screen, select a language for the installer and click **[OK]**.
You see the update confirmation screen. Click **[Continue]**.
5. The **[Introduction]** dialog is displayed. Click **[Next]**.
If your previous TotalFlow Optimizer version was in trial mode, the installation continues and you must choose if you want to try or register the latest version of TotalFlow Optimizer. For more information, see [Installing TotalFlow Optimizer, p. 13](#).
6. If you try to install a new version on the current version where the previous TotalFlow Optimizer version is introduced, the installer displays a warning informing you to back up your current TotalFlow Optimizer installation. If you already created a back-up, select **[Yes]**, and click **[Next]**.

 **Note**

If you do not want to back up your current TotalFlow Optimizer installed version, you can still continue with the installation process. Select **[No, but continue anyway]** and click **[Next]**.

The installation process continues with the next steps. For more information, see [Installing TotalFlow Optimizer, p. 13](#).

Before starting the new installed TotalFlow Optimizer version, make sure you clear the web browser cache.

Important

If you upgraded TotalFlow Optimizer to a higher version and you want to restore the system to a previous version on the upgraded system:

1. Uninstall the upgraded version of TotalFlow Optimizer.
2. Install the previous version where you created the backup.
3. Use the Restore option to revert to the saved system configuration.
4. Reinstall the upgraded version without uninstalling the previous version.

For more information on Backup/Restore, see the "Backing up and Restoring Data" chapter in the *TotalFlow Optimizer User's Guide*.

3. After Installation

- **Installing the License**
- **Configuring Client Computers**
- **Logging in to TotalFlow Optimizer**
- **Uninstalling TotalFlow Optimizer**

Installing the License

When installing TotalFlow Optimizer, you can select between the trial license or the permanent license. The trial license lets you use TotalFlow Optimizer for 60 days.

To continue using TotalFlow Optimizer after the trial license expires, you must install a permanent license on the computer where you installed TotalFlow Optimizer. The permanent license is valid only on this computer.

Important

Before you try to install the license, make sure that you have the email with the entitlement ID (EID) that you received from your service representative.

You can obtain the license file manually using the self-service website.

The License Key Management Application (LKMA) comes with the TotalFlow Optimizer base installation and handles the license types for your TotalFlow Optimizer software. The License Key Management Application lets you add or remove licenses.

Note

The installation paths specified in the instructions are the default ones. If you installed TotalFlow Optimizer in a custom location, refer to that location instead of the default one.

To install the permanent license:

1. Click **Start** → **All apps** → <Program Group>.

Note

The default Program Group for the TotalFlow Optimizer application is RICOH TotalFlow Optimizer. You can set a different Program Group during the installation process.

2. Right-click **[Manage Software Keys]** and select **[Run as Administrator]** to open the application.
3. In the TotalFlow Optimizer Licenses main window, click **[Add...]** to add a new license. The “Deploy Software Keys” window is displayed.
4. In the “Deploy Software Keys” dialog, click **[Browse...]**, go to the license key file, and click **[Open]**.
5. Click **[Next]**.
An information message is displayed:
 - Registration successful if the registration process is successful.
 - Registration failed if the registration process fails.
If the registration process fails, a pop-up message is displayed to indicate why the registration failed.
6. If the installation is successful, you must restart the application services:

1. Click **Start** → **All apps** → <**Program Group**>.

 **Note**

The default Program Group for the TotalFlow Optimizer application is RICOH TotalFlow Optimizer. You can set a different Program Group during the installation process.

2. Right-click **[Restart Services]** and select **[Run as Administrator]** to restart the application services.

 **Note**

If the system fingerprint used for generating a license key is changed, the TotalFlow Optimizer software continues to run in grace mode for 7 days. You must contact your local representative to receive a new license key before the period expires, otherwise the TotalFlow Optimizer software stops running on this system when the grace period ends.

3

Configuring Client Computers

You can access the TotalFlow Optimizer user interface from any system that has access to the network and meets the requirements.

You must perform the following tasks for every computer that accesses TotalFlow Optimizer:

Web browser configuration

To access the user interface, you must install and configure a web browser on each system, including the one where you install TotalFlow Optimizer. The following browsers are supported:

- Mozilla Firefox (<http://www.mozilla.org/en-US/firefox/all.html>)
- Google Chrome (<https://www.google.com/intl/en/chrome/browser/>)
- Microsoft Edge (<https://www.microsoft.com/en-us/windows/microsoft-edge>)

 **Note**

- Cookies and pop-ups must be enabled for the TotalFlow Optimizer application.
- A PDF reader is required for viewing TotalFlow Optimizer job files.

 **Important**

If more than one locale is available for a language, for example, English (United Kingdom) [en-GB] and English (United States) [en-US], it does not matter which locale you choose.

URL for accessing the user interface

To open the user interface from client computers, users must enter this URL in the address bar of their browser:

`http://hostname:port.number/Optimizer`

where *hostname* is the host name or the IP address of the computer where TotalFlow Optimizer is installed and *port.number* is the web service port. The web service port can be set during installation and the default value is 19080.

User login name and password

Inform users of the login names and passwords that you created for them. We recommend that users change their passwords the first time they use the system.

Rights

Inform users of the actions they can perform in the TotalFlow Optimizer user interface, according to the role that you configured for each of them.

Configuring Microsoft Edge

To access TotalFlow Optimizer with Microsoft Edge, you must configure the browser.

Note

This procedure shows how to configure Microsoft Edge on Windows 11. There are minor differences in other releases of Microsoft Edge and Windows.

To configure Microsoft Edge:

1. Click , the Settings and more icon, and then **Settings**.
2. Select **Cookies and site permissions**.
3. Under **Site permissions** → **All permissions**, make sure that **JavaScript is Allowed**.

Configuring Mozilla Firefox

To access TotalFlow Optimizer with Mozilla Firefox, you must configure the browser.

Note

This procedure shows how to configure Firefox on Windows 11. There are minor differences in other releases of Firefox and Windows.

To configure Mozilla Firefox:

1. Open a Mozilla Firefox page.
2. In the address bar enter `about:config` and press **Enter**.
3. Click **Accept the Risk and Continue**
4. In the search bar at the top of the page type `javascript` and make sure that `javascript.enabled` is true.

Configuring Google Chrome

To access TotalFlow Optimizer with Google Chrome, you must configure the browser.

Note

This procedure shows how to configure Google Chrome on Windows 11. There are minor differences in other releases of Windows.

To configure Google Chrome:

1. Click  the configuration icon, then click **[Settings]**.
You see the **[Settings]** page.
2. Open the **Privacy and security** tab.
3. Click **Site settings**.
4. Click **[JavaScript]** and select **[Sites can use JavaScript]**.

Switching to External or Internal Preflight

3

After installing TotalFlow Optimizer, you can switch between the preflight internal to TotalFlow Optimizer and an external preflight software.

Before switching to external or internal preflight, make sure that you save the current configuration details from the **Admin** → **Preflight** tab, for future reference.

To switch to internal preflight software or external preflight software:

1. Go to **Program Files** → **RICOH** → **TotalFlow Optimizer** → **bin**.
2. Run the **switch-preflight.bat** script file as an administrator.
A warning message appears.
3. If you are using the external preflight, type **[Yes]** after the following message:
 - **[Currently, the preflight feature is using EXTERNAL preflight software. Do you want to switch to the INTERNAL preflight software (yes/no)?]**
4. If you are using the internal preflight, type **[Yes]** after the following message:
 - **[Currently, the preflight feature is using INTERNAL preflight software. Do you want to switch to the EXTERNAL preflight software (yes/no)?]**

Note

- The **Admin** → **Preflight** tab displays the appropriate settings based on the current configuration.
- If you switch the preflight configuration, the preflight feature becomes disabled. You must re-enable the feature after the switch.
- During the preflight configuration switch, TotalFlow Optimizer is restarted.

Logging in to TotalFlow Optimizer

After the installation procedure is completed, you can log in to TotalFlow Optimizer from the server or from client workstations using a web browser.

Before you try to log in:

- Make sure that a supported web browser is installed and configured.
- Refresh your web browser.
- Make sure that your firewall is not blocking the ports that you set during the installation.

Logging in from the server

To log into TotalFlow Optimizer from the server:

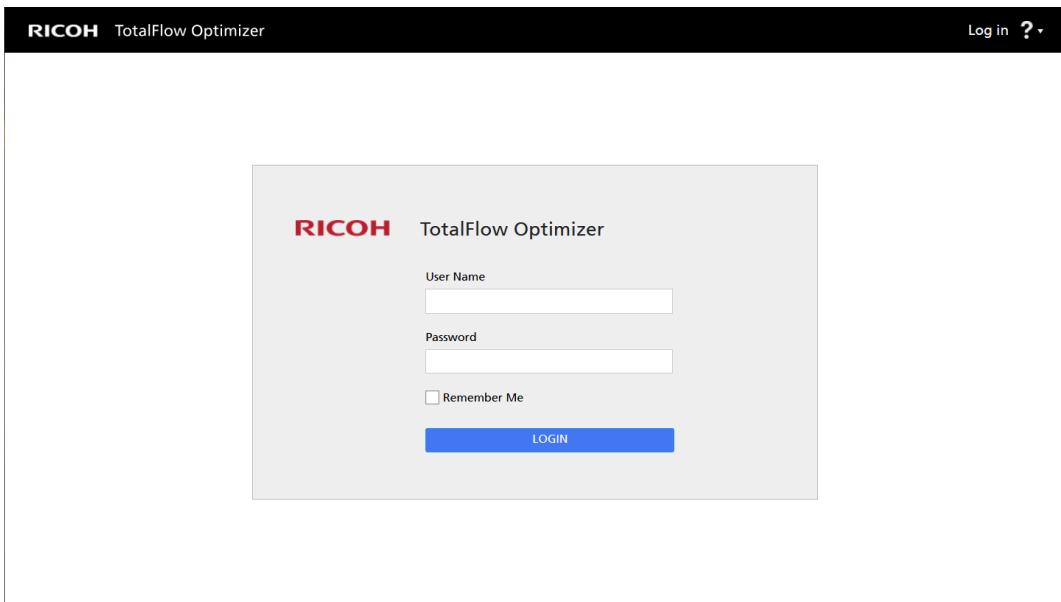
1. Log in to Windows.
2. Go to **Start** → **All apps** → <Program Group>.

 **Note**

The default Program Group for the TotalFlow Optimizer application is **[RICOH TotalFlow Optimizer]**. You can set a different Program Group during the installation process.

3. Select **[RICOH TotalFlow Optimizer]**.

The default web browser opens and you see the TotalFlow Optimizer login dialog.



4. Enter your user name in the **[User Name]** field.

 **Important**

User names are case-sensitive.

5. Enter your password in the **[Password]** field.

 **Important**

Passwords are case-sensitive.

6. **Optional:** To save your login credentials on your preferred web browser, select the **[Remember Me]** check box.
7. Click **[Login]**.

Logging in from a client computer

To log in to TotalFlow Optimizer from a client computer in your network:

1. Open a supported browser window.
2. Enter this URL in the address bar of your browser:

`http://server.address:port.number/Optimizer`

where `server.address` is the host name or the IP address of the computer where TotalFlow Optimizer is installed and `port.number` is the web service port. The web service port can be set during installation and the default value is 19080. You see the TotalFlow Optimizer login dialog.

3. Enter your user name in the **[User Name]** field.

 **Important**

User names are case-sensitive.

4. Enter your password in the **[Password]** field.

 **Important**

Passwords are case-sensitive.

5. **Optional:** To save your login credentials, select the **[Remember Me]** checkbox.
6. Click **[Login]**.

Uninstalling TotalFlow Optimizer

To remove TotalFlow Optimizer:

1. Log in to Windows as an Administrator.
2. Go to **Start** → **All apps** → <Program Group>.

 **Note**

The default Program Group for the TotalFlow Optimizer application is **[RICOH TotalFlow Optimizer]**. You can set a different Program Group during the installation process.

3. Select **[Uninstall RICOH TotalFlow Optimizer]**. You see the **[Uninstall RICOH TotalFlow Optimizer]** screen.
4. Click **[Next]**. You see the **[Get user input]** screen.
5. Select **[Yes]** if you want to keep the data collected by TotalFlow Optimizer for further reference or if you reinstall TotalFlow Optimizer at a later date. Select **[No]** to delete the collected data. Click **[Uninstall]**. After the uninstall process is complete, you see the **[Uninstall complete]** screen.
6. If the Windows system needs to restart, select one of the available options:
 - **[Yes, restart my system]**, if you want to restart Windows immediately.

Note

This option depends on your operating system.

- **[No, I will restart my system myself]**, if you want to restart Windows later.

7. Click **[Done]**.

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