Fiery JobFlow Pro Help

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Fiery JobFlow Pro

Fiery JobFlow Pro is a browser-based prepress workflow solution that creates workflows by connecting various nodes and automating tasks. You can design custom workflows using a set of nodes, including tools for combining, duplicating, and splitting pages, and other core prepress functions.

You can integrate AI assistants to enhance your workflows, implement automation tools, and troubleshoot issues.

Fiery JobFlow Pro requires a license and a valid Fiery Account for the primary administrator.

Free 30-day and 90-day trial periods are available for Fiery JobFlow Pro. When the trial period ends, you must activate a license for Fiery JobFlow Pro.

Installing Fiery JobFlow Pro

Fiery JobFlow Pro can be installed with Fiery Software Manager as a desktop shortcut to the browser-based application.

For information about installing Fiery JobFlow Pro, see https://www.fiery.com/jobflowpro.

Activate the Fiery JobFlow Pro license

Fiery JobFlow Pro requires a license that must be activated from the Fiery JobFlow Pro home page.

1 Sign in to Fiery JobFlow Pro as Admin, and type **Fiery.1** in the **Password** field.

   Note: For security reasons, the administrator must change the default administrator password before continuing.

2 Click **Add License** in the window that appears on the **Home** tab.

3 On the **License activation** page, click **Activate**, and then click **Continue** to agree to the terms and conditions of the license agreement.

4 Type your License Activation Code (LAC) in the field and click **Continue**.

5 Click **Activate**.

6 Click **Finish**.

7 Return to the Fiery JobFlow Pro home page and refresh the page to access the licensed version.

Configuring Fiery JobFlow Pro

You can configure Fiery JobFlow Pro when you sign in as administrator.

After you log in to your Fiery JobFlow Pro account, you can view your profile, which displays your license and software information, a link to support, and options to change your settings.

To sign out from your Fiery JobFlow Pro account, you can select **Log out**.

Set account settings

The administrator can set profile Fiery JobFlow Pro account settings.

1 Sign in to Fiery JobFlow Pro as administrator.

2 Click your profile icon in the upper right corner.

3 Select one of the following options as required:

- **License** - view your activated license and expiration date. You can also copy your license to share with technical support if needed.

- **Support** - provides a link to access technical support.

- **Dark Theme** - changes the appearance of Fiery JobFlow Pro application to use dark mode.

- **Log out** - signs you out of Fiery JobFlow Pro.

View license information

You can access and view the details of your activated Fiery JobFlow Pro license.

1 Click your profile icon in the upper right corner.

2 Select **License**.

You can view the license expiration date and the license code.

3 Copy the license code if required for one of the following reasons:

- You are asked to share your license code with technical support.

- You want to move your license code to a different user.

4 (Optional) Click **Deactivate** to deactivate your license code.

Note: You must deactivate the license code before assigning the license to a new user.

Contact technical support

You can view technical support contact information for assistance with Fiery JobFlow Pro.

1 Click your profile icon in the upper right corner.

2 Click **Support** to view contact information.

Change the display setting

You can choose to use Fiery JobFlow Pro in light mode or dark mode.

1 Click your profile icon in the upper right corner.

2 Click **Dark mode** to change the appearance of Fiery JobFlow Pro.

Sign out of Fiery JobFlow Pro

You can sign out of Fiery JobFlow Pro when your session is complete.

1 Click your profile icon in the upper right corner.

2 Click **Sign out**.

Using Fiery JobFlow Pro

Fiery JobFlow Pro functions as a server after installation and can be accessed from a shortcut on the computer desktop, which is placed automatically during installation.

To access the Fiery JobFlow Pro server from a different client computer, you must have the IP address or domain name of the computer where Fiery JobFlow Pro is installed. You can connect to the Fiery JobFlow Pro server through your browser. If you do not know the IP address of the Fiery JobFlow Pro server, ask the Fiery JobFlow Pro administrator.

Note: During the installation process, the Fiery JobFlow Pro installer automatically checks if the preferred network port (8888) is available. If the preferred network port is available, you can connect to the Fiery JobFlow Pro server from another computer using the following URL: **https://<ip address>:8888/jobflowpro/signin**. If the alternate port has been selected, you can connect through the following URL: **https://<ip address>:8889/jobflowpro/signin**.

The Fiery JobFlow Pro workspace

The Fiery JobFlow Pro application displays in a window on a browser.

The main window provides the specific Fiery JobFlow Pro screen tabs and the available workflows to use for your jobs.

To add a workflow, see Create a workflow on page 20.

The Fiery JobFlow Pro main window includes the following areas:

- Profile menu - allows you to view your profile, which displays your license and software information, a link to support, and options to change your settings.

- Workflow pane - displays the available workflows for processing your jobs.

- Sidebar - displays button navigation for the following tabs:

  - **Home** - contains the Drop Zone for your available workflows.

  - **Flows** - allows you to view and manage your workflows using Fiery JobFlow Pro Editor.

  - **Jobs** - displays a complete list of your jobs, where you can manage, search, and view history for a job.

  - **Locations** - allows you to manage all your locations in one place, such as Drop Zones, Hot Folders, and Fiery servers.

  - **Services** - allows you to manage your ChatGPT, Claude, or MQTT services.

  - **Settings** - allows you to access and manage your profile settings. You can also open the **Settings** tab by selecting **Settings** from your profile menu.

Home tab

Workflows you created in the JobFlow Pro Editor appear on the **Home** tab. You can drop files onto a specific workflow in the Drop Zone to process a job.

The **Home** tab has the following areas:

- **Drop Zones** - processes jobs using different workflows that are created in JobFlow Pro Editor. You can browse or drag files from folders on your local computer.
- **Search Flows** - allows you to search for a Drop Zone by name or description.

Flows tab

You can view, edit, create, and manage your workflows with JobFlow Pro Editor.

The **Flows** tab has the following areas:

- **Edit Flow** - opens JobFlow Pro Editor for the specific workflow.
- **Search Flows** - allows you to search for a workflow by name or description.
- **Create Flow** - opens JobFlow Pro Editor.
- Download icon (⤓) - downloads the JSON file for the specified workflow.

Jobs tab

You can view and manage the jobs you added through a Drop Zone or from a Hot Folder.

The **Jobs** tab allows you to customize the information shown for your job, and has the following column headers:

- **ID** - displays the ID of the job.
- **Name** - displays the name of the job.
- **Module** - displays the last node used in the workflow and applied to the job.
- **Workflow** - displays the name of the workflow used by the job.
- **Location** - displays whether the job was added using a Drop Zone or Hot Folder.
- **Status** - displays the status of the job.
- **Date** - displays the date and time when the job was processed.

Choose column headers to display job information

You can change the columns shown in the **Jobs** tab pane.

1 Click the Column icon (▥).

2 Select or clear the check boxes for the column headers you want to display for your job information.

3 Click the Column icon (⬜) again to close the list.

Search for a job

You can search by multiple criteria (columns) simultaneously in the **Jobs** tab.

1 Type all or part of the search criteria for columns with a text field.

2 Select or clear the check boxes for your desired job information:

- **All** - displays all jobs.
- **Success** - displays all jobs that are successful.
- **Processed** - displays all jobs that are processed.
- **Processing** - displays all jobs that are processing.
- **Error** - displays all the error jobs.

3 Select one of the following settings for the columns that display date information.

- **Today** - displays jobs that are processed on the current date.
- **Last 7 days** - displays jobs that are processed during the last seven days.
- **Last 30 days** - displays jobs that are processed during the last 30 days.
- **30 to 60 days** - displays jobs that are processed during the last 30 to 60 days.
- **60 to 90 days** - displays jobs that are processed during the last 60 to 90 days.
- **Over 90 days** - displays jobs that are processed over 90 days.

View job summary

You can view the previous actions for a job along with a date and time stamp.

1 Navigate to your desired job.

2 Click the View icon (🕙).

View a job

You can view a job that is in the Processed or Success state.

1 Navigate to your desired job.

2 Click the View icon (📄).

   Note:

   If the job is in the Error or Processing state, the View icon is disabled.

Delete a job

You can delete one or more selected jobs.

1   Do one of the following:

- Select the check box in the column header row to select all jobs in the list.

- Select one or more check boxes next to the job you want to delete.

2   Click the Delete icon (🗑) to delete the selected jobs.

3   Click **Delete** in the window that is shown.

Locations tab

The **Locations** tab allows you to manage your file input locations for processing jobs. You can add, edit, and delete Drop Zones, Hot Folders, and Fiery server locations.

The **Locations** tab has the following tabs:

- **Drop Zone** - shows the available Drop Zones on the Fiery JobFlow Pro **Home** tab.

- **Hot Folder** - shows the available Hot Folders used within a deployed workflow.

- **Fiery server** - shows the available Fiery server used within a deployed workflow.

  Note: Fiery JobFlow Pro is available for Fiery Windows-based servers and Fiery Linux-based servers.

  - Windows-based servers: Fiery system software FS400 Pro and later.

  - Fiery Linux-based servers: Fiery system software FS400 and later (require an optional Automation Package).

Drop Zone tab

Drop Zones are located in the Fiery JobFlow Pro **Home** tab. You can drag files into a Drop Zone to start processing the job as part of a workflow.

Add a Drop Zone

You can add a Drop Zone to process a job in the workflow.

1   In the **Locations** tab, click **Drop Zone**.

2   Click **Add Drop Zone**.

3   Type a name for the Drop Zone.

4   (Optional) Type a description for the Drop Zone.

5   Click **Save**.

Search for a Drop Zone

You can search for a Drop Zone by its name or description.

1   In the **Locations** tab, click **Drop Zone**.

2   Do one or both of the following:

  •   Type the Drop Zone name in the **Name** field.

  •   Type the Drop Zone description in the **Description** field.

Edit a Drop Zone

You can edit the description of an existing Drop Zone.

1   In the **Locations**tab, click **Drop Zone**.

2   Click the Edit icon (✎).

3   Type to edit the **Description** field.

4   Click **Save**.

Delete a Drop Zone

You can delete a Drop Zone.

1   In the **Locations** tab, click **Drop Zone**.

2   Click the Delete icon (🗑).

   Note: A Drop Zone can only be deleted if it does not contain any jobs.

3   Click **Delete Drop Zone**.

Hot Folder tab

Hot Folders in the Fiery JobFlow Pro application provide a quick and automated method of sending files to a
workflow that includes the hot folder.

Add a Hot Folder

You can add a Hot Folder as part of the process in a workflow.

1   In the **Locations** tab, click **Hot Folder**.

2   Click **Add Hot Folder**.

3 Type the Hot Folder name.

4 (Optional) Type a description for the Hot Folder.

5 Click **Save**.

Search for a Hot Folder

You can search for a Hot Folder by its name, location, or description.

1 In the **Locations** tab, click **Hot Folder**.

2 Do one or more of the following:

- Type the Hot Folder name in the **Name** field.

- Type the Hot Folder location in the **Location** field.

- Type the Hot Folder description in the **Description** field.

Edit a Hot Folder

You can edit the description of a Hot Folder.

1 In the **Locations** tab, click **Hot Folder**.

2 Click the Edit icon (✎)

3 Type to edit the **Description** field.

4 Click **Save**.

Delete a Hot Folder

You can delete a Hot Folder.

1 In the **Locations** tab, click **Hot Folder**.

2 Click the Delete icon (🗑).

Note: A hot folder can only be deleted if it is not in use.

3 Click **Delete Hot Folder**.

Fiery server tab

A Fiery server can be added to a workflow by configuring a node to submit a job to a queue for a specific Fiery server, applying predefined settings contained in a server preset or Fiery JobExpert.

Note: Fiery JobFlow Pro is available for Fiery Windows-based servers and Fiery Linux-based servers.

- Windows-based servers: Fiery system software FS400 Pro and later.

- Fiery Linux-based servers: Fiery system software FS400 and later (require an optional Automation Package).

Add a Fiery server

You can add a Fiery server as part of the process in a workflow.

1 In the **Locations** tab, click **Fiery Server**.

2 Click **Add Fiery Server**.

3 Type the IP address of the Fiery server.

4 Click **Save**.

Search for a Fiery server

You can search for a Fiery server by its IP address, Fiery server name, product name, or status.

1 In the **Locations** tab, click **Fiery server**.

2 Do one or more of the following:

- Type the Fiery server IP address in the **IP** field.

- Type the Fiery server name in the **Name** field.

- Type the Fiery server product name in the **Product** field.

- Type a Fiery server status, such as Online or Offline, in the **Status** field.

Delete a Fiery server

You can delete a Fiery server.

1 In the **Locations** tab, click **Fiery server**.

2 Click the Delete icon (🗑).

Note: A Fiery server can only be deleted if it is not in use.

3 Click **Remove**.

Services tab

You can view and manage your jobs using AI assistant services.

The available AI assistant services includes the following:

- **ChatGPT** - ChatGPT integration brings conversational AI to print automation by allowing natural language interactions with Fiery JobFlow Pro and Fiery servers to manage, create, and troubleshoot automated workflows without specialized programming knowledge. A ChatGPT implementation offers automation solutions, reduces training requirements, and enables AI assistance for troubleshooting and optimization.

- **Claude** - Claude integration brings conversational AI to print automation by allowing natural language interactions with Fiery JobFlow Pro and Fiery servers to manage, create, and troubleshoot automated workflows without specialized programming knowledge. A Claude implementation offers automation solutions, reduces training requirements, and enables AI assistance for troubleshooting and optimization.

- **MQTT** - The MQTT server can receive real-time status updates from all Fiery JobFlow Pro nodes in a workflow through industry-standard messaging protocols, improving workflow visibility and system management in print production environments. MQTT server integration makes it easier for customers to manage and monitor their print production processes efficiently.

Add ChatGPT service

Fiery JobFlow Pro uses ChatGPT AI-powered features and functionality while retaining complete control over your data and usage.

Note: A pre-purchased API key is required to use the ChatGPT services in the application.

You can add **ChatGPT** as a service to the workflows.

1   In the **Services** tab, click **Add Service** for ChatGPT.

2   Type your OpenAI API key.

3   Click **Add**.

Add Claude service

Fiery JobFlow Pro uses Claude AI-powered features and functionality while retaining complete control over your data and usage.

Note: A pre-purchased API key is required to use the Claude services in the application.

You can add **Claude** as a service to the workflows.

1   In the **Services** tab, click **Add Service** for Claude.

2   Type your Anthropic API key.

3   Click **Add**.

Add MQTT service

Fiery JobFlow Pro uses MQTT to enable real-time messaging for IoT devices.

You can add **MQTT** as a service to the workflows.

1 In the **Services** tab, click **Add Service** for MQTT.

2 Type MQTT Broker URL.

3 (Optional) Click the toggle button and type the user name and password if required.

4 Click **Add**.

Settings tab

You can customize your settings for Fiery JobFlow Pro application in the **Settings** tab.

In the **Settings** tab, you can manage job settings, your preferred language, and back up and restore Fiery JobFlow Pro.

You can access the **Settings** tab from the Fiery JobFlow Pro sidebar or your profile icon in the upper right corner.

Change the Fiery JobFlow Pro password

After installation, you can change your password for Fiery JobFlow Pro. The password is the same one used for Fiery JobFlow Pro Editor and can be changed again at any time.

1 In the **Settings** tab, click **Change Password**.

2 Type your current password.

3 Type your new password.

   Note: The **New Password** field accepts alphanumeric and special characters with a maximum limit of 20 characters.

4 Type your password again to confirm.

5 Click **Update Password**.

Remove jobs from the workspace

You can remove jobs from your Fiery JobFlow Pro workspace, including completed, failed, and queued jobs using the **Remove jobs** option.

1 In the **Settings** tab, click **Remove**.

   Note: If jobs are currently processing, ensure all active jobs have finished printing before deleting them.

2 Click **Delete**.

Restart Fiery JobFlow Pro Editor

You can restart the Fiery JobFlow Pro Editor.

1 In the **Settings** tab, click **Restart**.

2 Click **Restart**.

Back up or restore Fiery JobFlow Pro data

Fiery JobFlow Pro allows you to back up and restore your created workflows and your account settings.

- In the **Settings** tab, choose one of the following:
  - Click **Backup** to back up JobFlow Pro Editor workflows and third-party nodes, and JobFlow Pro Manager data.
  - Click **Restore** to restore your backed up data from a .zip file.

Using JobFlow Pro Editor to create a workflow

You can create workflows using JobFlow Pro Editor.

JobFlow Pro Editor is a visual-based workflow editor you can use to automate job processing.

Restart Fiery JobFlow Pro Editor

You can restart the Fiery JobFlow Pro Editor.

1 In the **Settings** tab, click **Restart**.

2 Click **Restart**.

Open JobFlow Pro Editor

You can open JobFlow Pro Editor to create and deploy workflows.

Before you begin, you must be signed in to the JobFlow Pro Manager workspace. An activated license code is required.

1 In the **Flows** tab, do one of the following:

- Click **Create Flow** to create a new workflow.

- Click **Edit Flow** on an existing workflow to edit.

A new tab opens in your browser.

2 Type your user name and password.

3 Click **Login**.

The JobFlow Pro Editor workspace

The JobFlow Pro Editor workspace allows you to create workflows.

JobFlow Pro Editor contains the following areas:

- Palette - lists available nodes for a workflow. You can also filter nodes by typing in the **filter nodes** field. You can also collapse and expand node categories by clicking **Collapse all categories** or **Expand all categories.**

- Workspace - allows you to create new workflows or edit existing workflows.

  - Workflow tabs - displays names of created workflows. You can use the arrows to scroll through the available tabs and add new workflows.

  - View tools - zooms in and out of the workspace. You can also click **Toggle navigator** to view a overview of the entire workspace.

- Sidebar - allows you to learn more about your workflow nodes.

  - **info** tab - provides information on the workspace, including specific information on the node.

  - **help** tab - provides a general overview of the selected node.

  - **debug** tab - displays debbug information.

  - **config** tab - displays a list of config nodes, which are organized by their scope.

Create a workflow

You can use nodes to create a workflow for use in Fiery JobFlow Pro.

1 Click the **Add flow** icon (✛) to add a workflow.

2 Drag the nodes from the Palette to the workflow.

3 (Optional) Configure any nodes as required.

4 Connect the nodes by adding wires.

5 (Optional) Select a deploy mode if you are ready to share the workflow.

JobFlow Pro Editor nodes

The nodes in JobFlow Pro Editor can be dragged into the workspace to create a workflow.

Some nodes you can choose to use in a workflow depend on your installed services.

The table describes the list of nodes available JobFlow Pro Editor.

Node categories	Nodes	Description
jobflow location	**location-dropzone**	Continuously monitors a designated Drop Zone folder for new incoming files and processes them before moving on to the next node in the workflow.

Node categories	Nodes	Description
	location-hotfolder	Watches a specified hot folder for new files and automatically processes them.
jobflow common	**flow-end**	Terminates the workflow.
	jobflow-debug	Displays selected debug messages output to the msg.jobflow, msg.jobflow.properties.assistant, or the full msg objectdebug.
	helper-group	Collects incoming messages, groups them based on configured grouping properties, and sorts the messages based on a specified property in either ascending or descending order.
jobflow convert	**convert-images**	Converts image files to PDF format.
	convert-markdown	Converts markdown content to PDF format and allows you configure the paper size and paper orientation. **Note:** Google Chrome must be installed to use the convert-markdown node.
	convert-office	Converts Microsoft Office documents to PDF format. **Note:** The convert-office node supports LibreOffice v25.x or later.
jobflow explain	**explain-content**	Uses ChatGPT or Claude generative AI models to extract metadata from the PDF file and provides a comprehensive analysis of the PDF content.
	explain-report	Analyzes PDF validation results and uses generative AI models to explain PDF preflight report results in a user-friendly language.
jobflow fiery	**fiery-info**	Connects to a Fiery server and retrieves information about the server based on selected options. **Note:** The fiery-info node responses are not shown in the Job Summary page.

Node categories	Nodes	Description
	fiery-job	Connects to a Fiery server and retrieves the job-related properties for a specific Fiery job based on the Fiery job ID provided.
	fiery-monitor	Connects to a Fiery server and monitors status updates and job events.
	fiery-submit	Submits a print job to a selected queue on a Fiery server, and a job ID is returned upon successful submission.
	fiery-update	Makes changes such as printing, holding, canceling, and duplicating a print job on a Fiery server.
	fiery-impose	Imposes predefined templates onto print jobs processed by the Fiery server. Note the following: • A Fiery Impose license is required to use the fiery-impose node. • The fiery-impose node is supported on Fiery Command WorkStation 7.1 or later.
jobflow pages	**pages-combine**	Combines multiple PDF files into a single PDF document.
	pages-split	Splits a PDF file based on the selected split mode and the number of pages specified. If the split mode is **After every nth page**, the PDF file will be split into sections, each containing the specified number of pages. If the split mode is **After page range**, the PDF file will be split into sections after the specified number of pages.
	toolbox-profile	Validates and processes PDF files based on selected quality profiles.
	toolbox-quickfix	Processes a PDF file based on a quickfix JSON configuration.

Node categories	Nodes	Description
jobflow sense	sense-preset	Automatically applies the correct Fiery preset for each print job based on document requirements, reducing printing errors and removing the need for manual selection.
	sense-link	Automatically routes print jobs to the appropriate destination based on the document requirements, removing the need for manual sorting.
	sense-link-target	Creates a named destination for AI-routed print jobs based on their content and requirements.

Deploy workflows

After creating a workflow, you can choose how to deploy workflows for use in the Fiery JobFlow Pro application.

If a workflow is locked, indicated by a Lock icon, it will not be deployed.

1 Open the JobFlow Pro Editor workspace.

2 Click **Deploy** and select one of the following:

- **Full** - deploys all workflows in the JobFlow Pro Editor workspace.
- **Modified Flows** - deploys any workflow containing changed or modified nodes.
- **Modified Nodes** - deploys changed nodes.
- **Stop Nodes** - stops nodes from being deployed.
- **Restart Nodes** - restarts any deployed nodes.

Delete a workflow

You can delete a workflow in the JobFlow Pro Editor workspace.

Only unlocked workflows can be deleted.

1 Right-click a workflow tab.

2 Select **Delete**.

Troubleshoot Fiery JobFlow Pro

If problems occur when using Fiery JobFlow Pro, you can troubleshoot them.

For additional information or support, registered users may start a discussion through Fiery Communities.