



BRAdmin Professional 4

User's Guide

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Important Note

Some functions may not be available depending on the model.

The screens or images in this User's Guide are for illustration purposes only and may differ from those of the actual products.

The contents of this document and the specifications of this product are subject to change without notice.

Table of Contents

1 Introduction.....	1
1.1 Overview	1
1.2 System Requirements	3
2 Manage Devices.....	4
2.1 Discover New Devices	4
2.2 Group and Filter Devices.....	5
2.3 View Device Status	5
2.4 Perform Actions and Tasks	5
3 Actions.....	6
3.1 Update Device Status.....	6
3.2 Open Web Interface	6
3.3 Add Devices to Groups	6
3.4 Remove Devices from Groups	6
3.5 Export the Details of Selected Devices	6
3.6 Export Template or Database Information	7
3.7 Delete Devices from the Device List	7
4 Instant Tasks	8
4.1 Password Settings.....	8
4.2 Update Device Firmware	8
4.3 Reboot Devices	9
4.4 Edit Device Settings	9
4.5 Activate Custom Software Solutions	9
4.6 Send Files to Devices.....	10
4.7 Back Up Settings.....	10
4.8 Reset Network Settings	11
4.9 Mapply Function	11
4.10 Change Settings for a Device Connected to Microsoft Azure	11
4.11 Send a Custom User-Interface (UI) File	12
4.12 Lock or Unlock the Custom UI Write Lock.....	12
4.13 Remote Panel.....	12
5 Scheduled Tasks	13
5.1 Device Log	13
5.2 Device Notification.....	13
5.3 Device List.....	13
5.4 Device Master Settings	13
5.5 Assign Device Log/Device Notification Profiles	14
5.6 Manage Certificate	14
6 Task Monitoring.....	15
6.1 Check Task Status	15
6.2 Monitor Tasks.....	16
6.3 Autoconfiguration	17

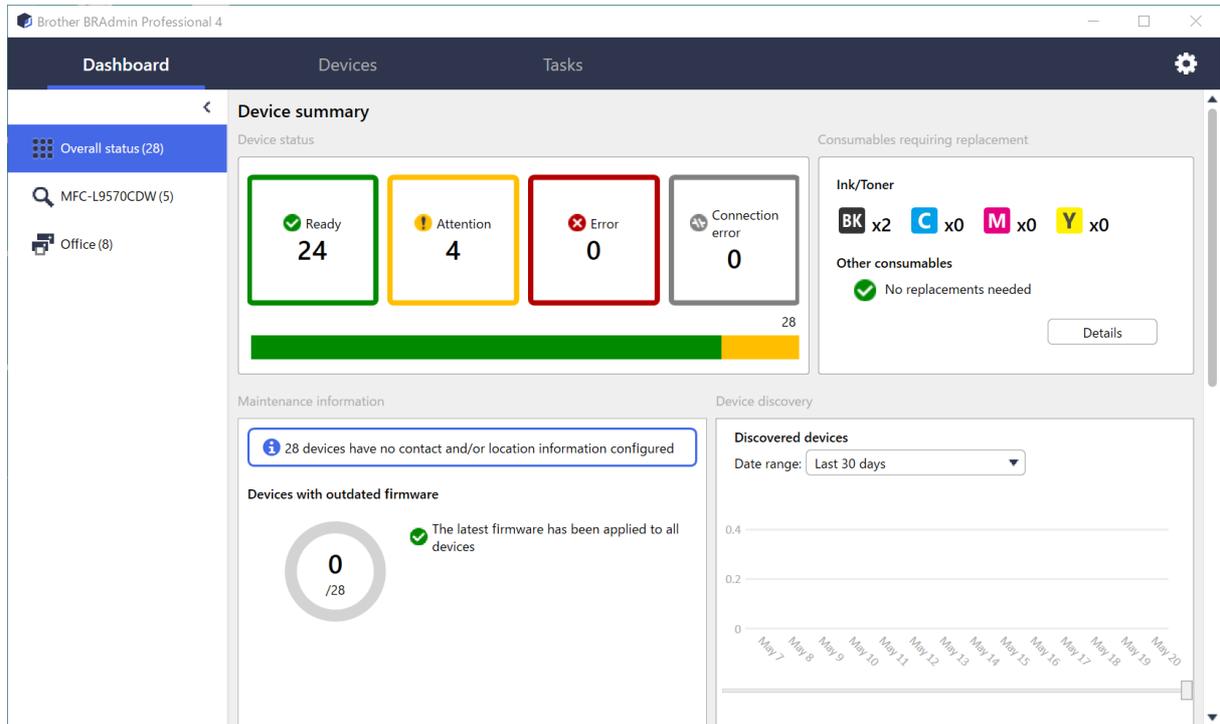
7 Application Settings	19
7.1 General.....	19
7.2 Configure the Device Discovery Settings	20
7.3 Configure the Network Settings.....	22
7.4 Configure the Email Server Settings	22
7.5 Secure the Application with a Password	23
7.6 Device Master Settings	23
7.7 Create a Device Log Profile	23
7.8 Create a Device Notification Profile.....	25
7.9 Create a Device List Profile	25
7.10 Application Improvement Program Settings	26
7.11 Information	26
7.12 Tool: Setting File Editor	26
7.13 Back Up and Restore the Application's Settings and Data.....	27
7.14 Create and Manage Certificate Profiles	27
8 Troubleshooting and Support	29
8.1 If You Cannot Discover the Device	29
8.2 Insufficient Access Permissions	29
8.3 Troubleshooting.....	30

1 Introduction

1.1 Overview

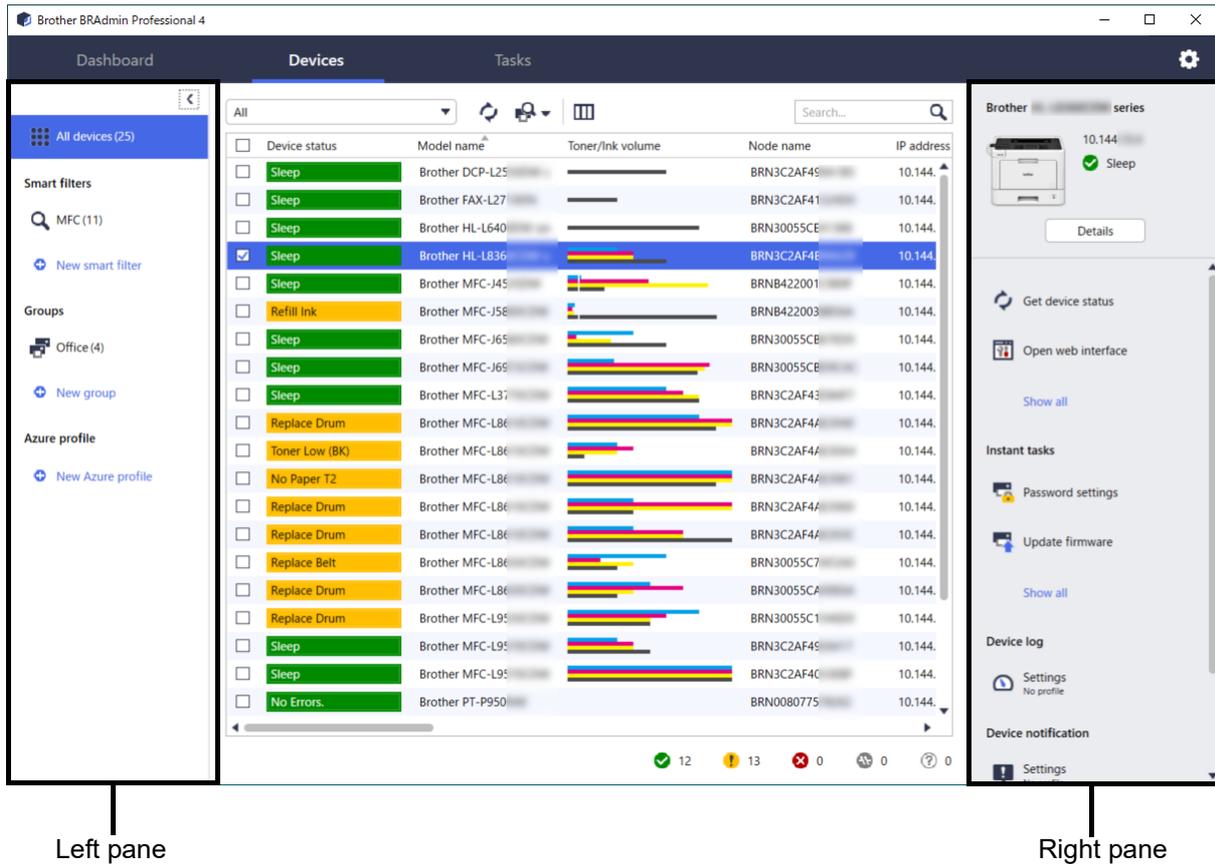
BRAdmin Professional 4 is an application for managing Brother devices and monitoring their status. Select one of these views on the main screen by clicking one of the tabs along the top menu bar:

- Dashboard



The **Dashboard** screen appears upon startup and displays information including the status of all managed devices, information about supplies and if they require replacing, maintenance information, discovered device status, print volume information, and the latest Autoconfiguration tasks.

- Devices



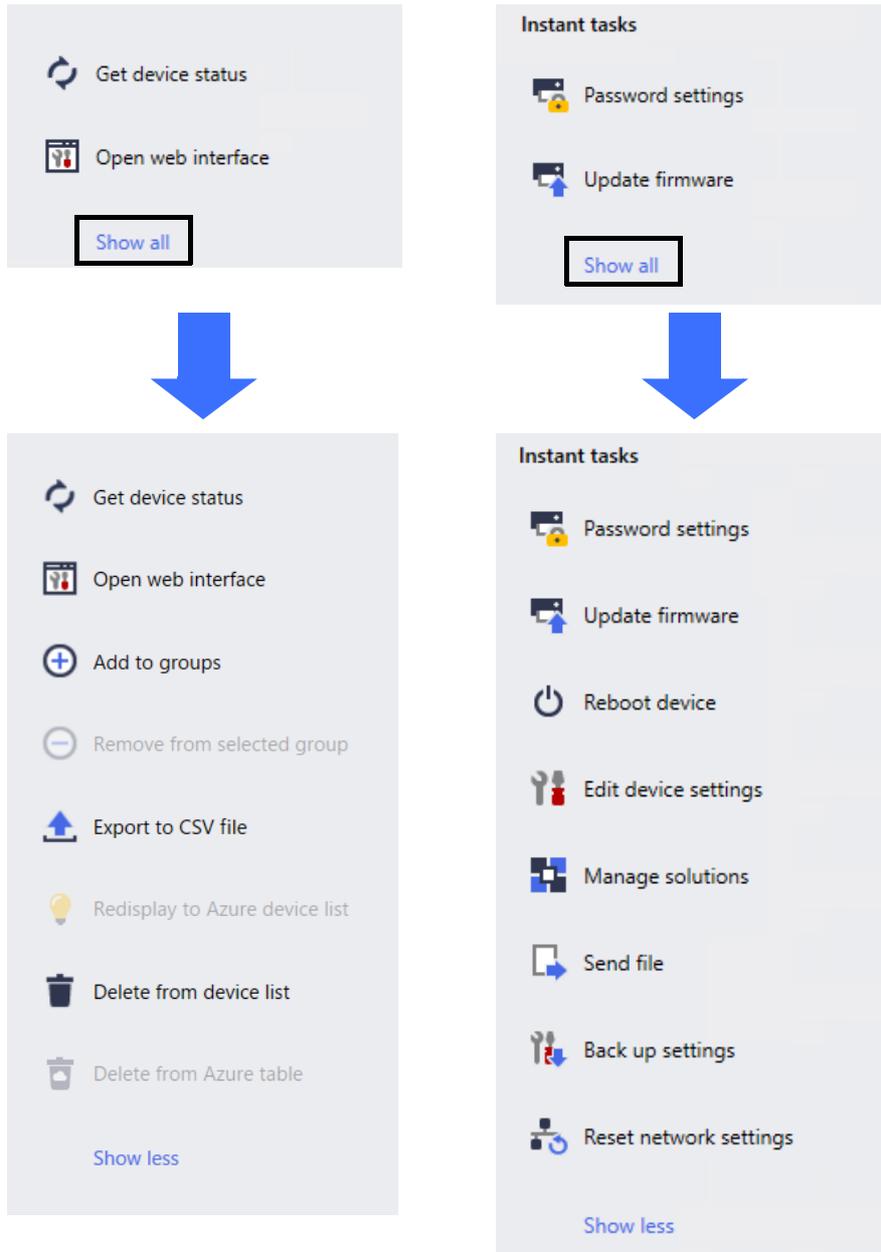
Left pane

Right pane

The **Devices** screen displays device names, status, and more specific device information.

- To create device groups, click **New group** in the left pane.
- To create smart filters, click **New smart filter** in the left pane. For more information, see [2.2 Group and Filter Devices](#).
- To connect Microsoft Azure, click **New Azure Profile** in the left pane. For more information, see *BRAdmin Professional 4 for Microsoft Azure User's Guide*.
- To perform actions or execute tasks, select one or more devices, and then select the action or task you want from the right pane.

To expand the list of available actions or tasks in the right pane, click **Show all**.



- **Tasks**

View a list of tasks, in-progress or pending, as well as a log of completed tasks. Select a specific task from the list to view more information and available actions in the right pane.

- **Application Settings**

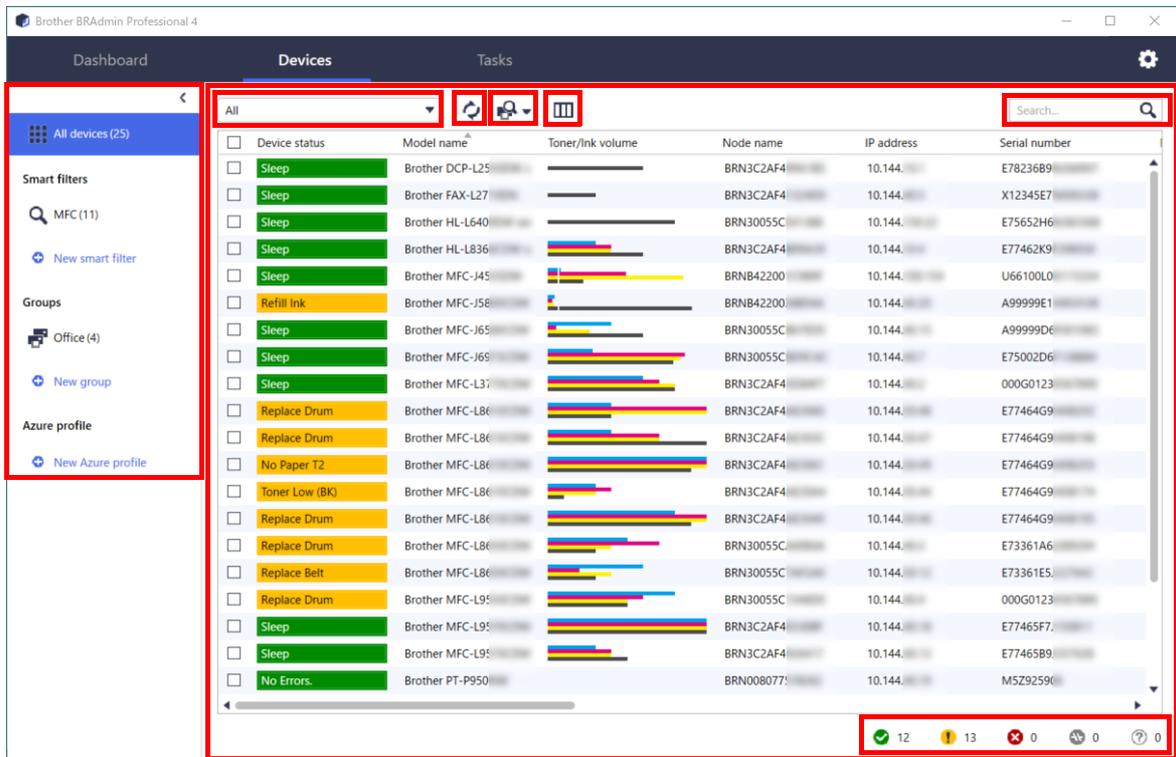
Click  in the upper right corner of the screen to change the application settings and to create or edit task profiles.

1.2 System Requirements

Operating Systems	Windows 10 (32-bit and 64-bit)/Windows 11 (64-bit) Windows Server 2016 or later (64-bit)
Additional Software	.NET Framework 4.8 or later

2 Manage Devices

Click **Devices** in the top menu bar to display the device list, where you can manage your devices.



2.1 Discover New Devices

BRAdmin Professional 4 updates the device list upon startup. If you cannot find your target device in the list, do one of the following:

- Click the discovery button  to run a search for active devices.
- Click the discovery button's drop-down arrow  and select one of the following:
 - **Discover Devices**



To schedule automatic device discovery, configure the schedule settings in **Application settings > Device discovery**.

Click **Discover devices** to add any new network-connected, USB-connected, and Microsoft Azure-connected Brother devices to the device list based on the discovery method and settings. For more information, see [7.2 Configure the Device Discovery Settings](#).

- **Discover Specific Devices**



- To find specific devices in the list, enter a keyword in the search box.
- To update the device status, click .

Click **Discover specific devices...** to add a specific network-connected device (based on its IP or node name), USB-connected device, or Microsoft Azure-connected device (keyboard shortcut: Insert).

2.2 Group and Filter Devices

Create a device group or filter in the left pane, and then select it to list specific devices:

- Smart filters

Select devices that meet the criteria of the smart filter. Click **New smart filter** and list the criteria you want in the **Conditions:** field, such as model name, serial number, or location. You can also import a specific text file listing the filtering criteria you want.

- Groups

Select the devices you grouped together. To add a device to an existing group, select the target device and click **Add to groups** in the right pane. For more information, see [3.3 Add Devices to Groups](#).

2.3 View Device Status

Select a device or group to view its status and information.

- To check Toner/Ink volume or detailed machine information, click **Details** in the right pane.
- To filter devices by status, select a status from the drop-down list in the toolbar. **All** is the default status.
- To show or hide specific columns or to change the column order, click .
- To list available actions and tasks, right-click one or more devices.
- To check the number of devices that require attention or display errors, see the following icons in the lower right corner of the screen:



Ready



Connection error



Attention



Error



Unconfigured device

2.4 Perform Actions and Tasks

Select one or more target devices from the device list, and then select an action or instant task from the right pane. You can assign **Device log** and **Device notification** tasks, with creating the profiles if needed.



- To view information about a single device, select it, and then click **Details** in the right pane.
- The available actions and tasks vary depending on the selected device.

For more information about the right pane, see [1.1 Overview](#).

For more information, see:

- [3 Actions](#)
- [4 Instant Tasks](#)
- [5 Scheduled Tasks](#)

3 Actions

To execute an action, do one of the following:

- Select the device and click the action you want in the right pane.
- Right-click the device and select the action you want from the menu that appears.



If an action is unavailable for the device you selected, it is not supported.

3.1 Update Device Status

To update the selected device's status:

1. Select one or more devices.
2. Click **Get device status**.

3.2 Open Web Interface

To customize device settings, including security and network settings, use Web Based Management:

1. Select one device.
2. Click **Open web interface**.

3.3 Add Devices to Groups

To add one or more devices to a group:

1. Select one or more devices.
2. Click **Add to groups**.
3. Select the target group or groups from the **Select groups:** field, or create a new group by clicking the **New group...** button.



You can also drag and drop devices from the device list to the target group.

3.4 Remove Devices from Groups

To remove one or more devices from a group:

1. Select one or more devices.
2. Click **Remove from selected group**.

3.5 Export the Details of Selected Devices

To export the details of the selected devices to a CSV file:

1. Select one or more devices.
2. Click **Export to CSV file**.
3. Navigate to the destination folder and file name.



The CSV files list only the items visible in the device list, according to their order.

3.6 Export Template or Database Information

(Labelling devices only)

To export the template or database information applied to the selected devices:

1. Select one or more devices.
2. Click **Export user-transferred files (CSV format)**.
3. Navigate to the destination folder and file name.
4. Click **Export**.

3.7 Delete Devices from the Device List

To delete one or more devices from the device list:

1. Select one or more devices.
2. Click **Delete from device list** or press the Delete key on your keyboard.

4 Instant Tasks

To execute an instant task, do one of the following:

- Select the device and click the task you want under **Instant tasks** in the right pane.
- Right-click the device and select the task you want from the menu that appears.



-
- Unlike scheduled tasks, instant tasks take immediate effect. For more information, see [5 Scheduled Tasks](#).
 - For network-connected devices, you must enter the selected device's password to perform an instant task.
 - If an instant task is unavailable for the device you selected, it is not supported.
-

4.1 Password Settings

1. Select one or more devices.
2. Click **Password settings**.
3. Do one of the following:
 - **Change device password**
 - a. Select the **Change device password** radio button.
 - b. Type the current password in the **Current device password:** field.
 - c. Type the new password in the **New password:** and **Confirm new password:** fields.
 - **Change the default login password**

Cloud Connection devices are not supported.

 - a. Select the **Set a password for unconfigured devices** radio button.
 - b. Type the new password in the **New password:** and **Confirm new password:** fields.



The default password to manage this machine's settings is located on the back of the machine and marked "Pwd".

4. Click **Apply**.

4.2 Update Device Firmware

1. Select one or more devices.
2. Click **Update firmware**.
3. Select the **Update to the latest version.** checkbox.



To check if you have the latest firmware without automatically updating it, clear the **Update to the latest version.** checkbox.

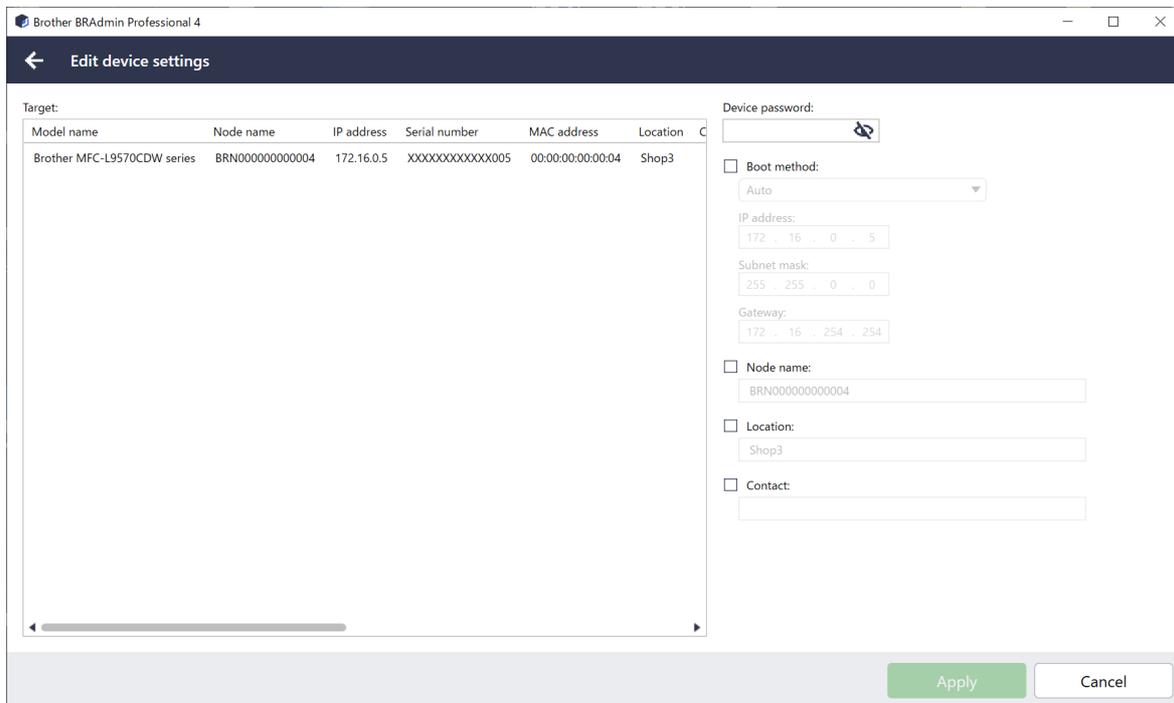
4. Type the device passwords for password-protected devices.
5. Click **Start**.

If a newer version of your firmware is available, BRAdmin Professional 4 downloads it and updates the target device's firmware automatically.

4.3 Reboot Devices

1. Select one or more devices.
2. Click **Reboot device**.
3. Type the device passwords for password-protected devices.
4. Click **Reboot device**.

4.4 Edit Device Settings



1. Select one or more devices.
2. Click **Edit device settings**.
3. Type the device passwords for password-protected devices.
4. Edit the settings you want:
 - Boot method (network-connected devices only)
 - Node name (network-connected devices only)
 - Location
 - Contact
5. Click **Apply** to save your changes.

4.5 Activate Custom Software Solutions

A valid license file is necessary for this task. A license file can contain the activation codes, allowing solutions to be activated on many devices simultaneously. You can send license files to activate custom software solutions on the target devices.

If you do not have one, contact your local Brother office.

1. Select one or more devices.
2. Click **Manage Solutions**.
3. Type the device passwords for password-protected devices.
4. Do one of the following:
 - If you have a license file: Select the **License file:** radio button, and then type the file name in the field below, or click the **Browse...** button to select the license file.

- If you have license codes: Select the **License code (20 digit number):** radio button, and then type the license codes in the field.

Multiple codes can be entered, one license code per line.

5. Next to the **Save the result file to:** field, click the **Browse...** button, and navigate to the folder where you want to save the result file. You can also copy and paste folder paths into this field.
6. Click **Apply**.

4.6 Send Files to Devices

To send a file to the target device (for example a PRN, EDPK, SSF, or ELDPK file), do the following:

1. Select one or more devices.
2. Click **Send file**.
3. Type the device passwords for password-protected devices.
4. Specify the file to send to the target device.
5. Click **Send**.



- To send device settings files such as EDPK files, a device password is required.
- Sending the device settings file will change the device settings, which may alter the device's behavior. Make sure that the device settings file is correct before sending it.

4.7 Back Up Settings

A device password is required to perform this task.

The password for the file created by the backup settings function will be the same as the device password.

To save the settings of the target device as a DPK file or an encrypted EDPK file, do the following:

1. Select one or more devices.
2. Click **Back up settings** in the right pane.
3. Click the **Browse...** button next to the **Save to:** field and specify where to save the backed-up settings file. You can also copy and paste folder paths into this field.

-
4. In the **Backup setting items:** field, select either **All** or **Selected:** to specify the necessary items.
 5. Select the **Exclude** checkbox if you do not want to include device-specific settings, such as the IP address or node name, in the backed-up file.
 6. Click **Back up**.



-
- Do not change the file name if you want to deploy the file via a USB flash drive. USB deployments require a specific file name format.
 - Some models generate an SSF or ELDPK file.
-

4.8 Reset Network Settings

For all models, this function resets the following settings to their default values:

- IP address
- Node name
- Location
- Contact

Depending on the model, other settings may also be reset.

1. Select one or more devices.
2. Click **Reset network settings**.
3. Type the device passwords for password-protected devices.
4. Click **Reset**.

4.9 Mapply Function

Use the Mapply function to send and apply the specified settings file to multiple devices at the same time using a deployment profile.

1. Select the target devices (only devices that are selected and specified in the deployment profiles are targets for execution).
2. Click **Send file**.
3. Specify the deployment profile to send to the target devices.
4. Click **Send**.



-
- A deployment profile is a file that contains information such as target device information, setting items, unique setting values, and setting files.
 - Deployment profile file format is CSV or ZIP, with a password.
 - The Mapply function cannot be used if the deployment profile is in an invalid format.
-

4.10 Change Settings for a Device Connected to Microsoft Azure

Use the Setting File Editor to change the settings of a device connected to Microsoft Azure.

1. Select a single device connected to Microsoft Azure.
2. Click **Edit in Setting File Editor...**
3. Type the device password for password-protected device.
4. Click **Edit**.
BRAdmin Professional 4 runs the backup settings function to retrieve the device's information. After the information is retrieved, the Setting File Editor screen appears.
5. Edit the settings you want, and then click **Apply**.

4.11 Send a Custom User-Interface (UI) File



- The Custom UI file (DJF file) is a customized home screen file created using the Brother Custom UI Tool.
 - Make sure the Custom UI software solution is activated on the target device.
 - For more information about Custom UI, contact your local Brother office.
-

To send customized home screens to multiple Brother devices, follow these steps.

1. Select one or more devices.
 2. Click **Manage solutions**.
 3. Select **Send Custom UI file** from the action selection menu on the right.
 4. Type the device passwords for password-protected devices.
 5. Type the path into the **Custom UI file:** field or click the **Browse...** button to select the Custom UI file (DJF file)'s destination folder.
 6. Type the Custom UI write lock password in the **Custom UI write lock password** column.
Make sure you set a write lock password for the customized data, to restrict access to the data and prevent unauthorized editing of home screens.
 7. Click **Apply**. When finished, the device will automatically reboot to display your customized home screens.
-



Before sending the updated Custom UI file to the devices, the Custom UI write lock must be unlocked.

4.12 Lock or Unlock the Custom UI Write Lock

1. Select one or more devices.
2. Click **Manage solutions**.
3. Select **Custom UI write lock/unlock** from the action selection menu on the right.
4. Type the device passwords for password-protected devices.
5. Select the **Lock:** or **Unlock:** radio button and type the Custom UI write lock password.
6. Click **Apply**.

4.13 Remote Panel



- Make sure the Remote Panel software solution is activated on the target device.
 - Make sure you have a user at the remote location who can access the machine's LCD.
You must communicate instructions to this user during this process.
 - For more information about Remote Panel, see the *Remote Panel User's Guide*.
-

To access the control panel of a remote device using BRAdmin Professional 4 connected to the Microsoft Azure Storage service:

1. Select a single Cloud Connection device (not a machine connected to Microsoft Azure via the BRAdmin Professional Client).
2. Click **Remote Panel**.
3. Type the device passwords for password-protected devices.
4. Click **Start**.
5. When the access message appears on the remote machine's LCD, ask the machine's user to press "**Yes**".
6. The web browser with the control panel displayed will automatically launch. You can now operate the remote machine's control panel. To end the remote session, click **End**.

5 Scheduled Tasks

The following tasks provide you with necessary device information according to the predetermined schedule.

5.1 Device Log

This task generates a device log, which includes information such as page count, device status, and supply information (log entry items). It sends the device log via email or saves the log file in a specific destination folder according to the schedule you set.

5.2 Device Notification

This task monitors a target device by periodically retrieving its status. If there are any errors or changes in status, BRAdmin Professional 4 sends error and change notifications via email.



Device notification sends one email per device or status change.

5.3 Device List

This task retrieves device information in the device list, sends the device list information via email or saves it to the file in a specific destination folder according to the predetermined schedule.

For more information about configuring device list tasks and email server settings, see [7 Application Settings](#).

5.4 Device Master Settings

This task monitors a target device periodically and recovers the device's original settings if its settings are accidentally changed.

If you want update a device's firmware automatically, select the **Update to the latest firmware** checkbox.

For more information about device master settings, see [7 Application Settings](#).

5.5 Assign Device Log/Device Notification Profiles

To perform device log/device notification tasks, assign a task profile to one or more devices.

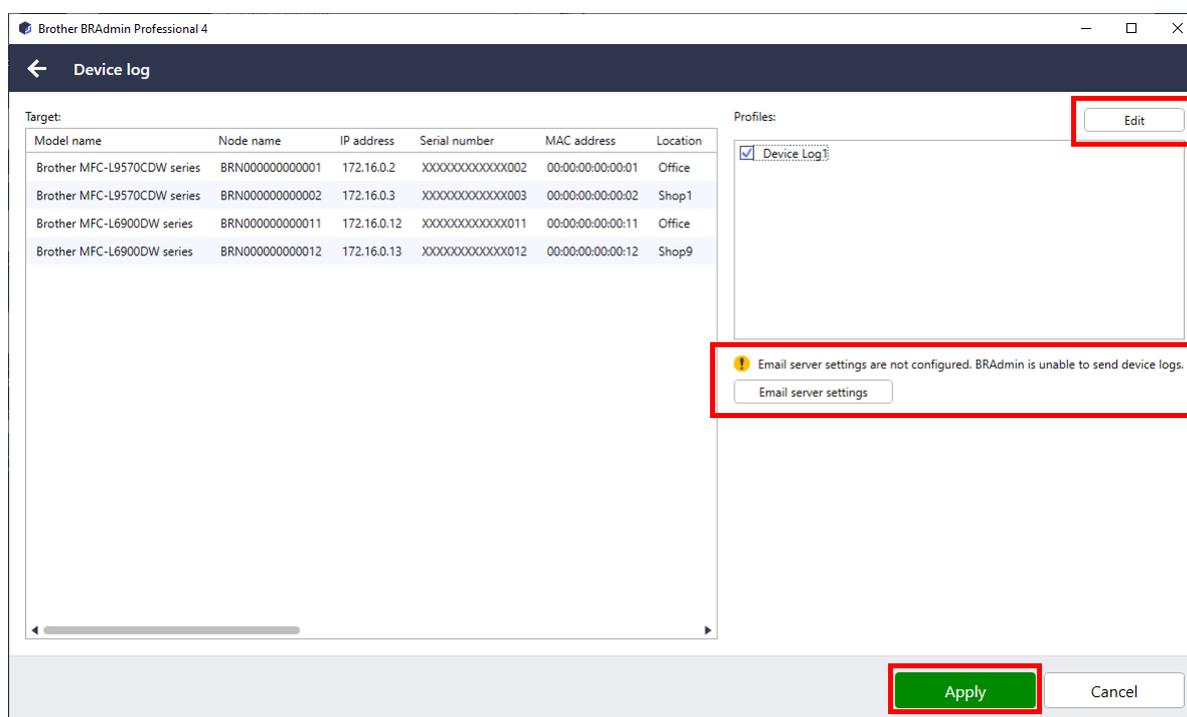
1. Select one or more devices from the device list.
2. Click **Settings** from either the **Device log** or **Device notification** menu.
3. In the **Profiles:** field, select the profile you want to assign.



Before clicking **Apply**, you may need to do the following:

- If there is no profile available, or if you want to edit the profile you selected, click **Edit**. Then, you can create a new profile or edit the selected profile in **Application settings**.
- If a message appears indicating that the email server settings are not configured, or if you want to edit already-configured email server settings, click **Email server settings**. You can configure the settings in **Application settings**.

4. Click **Apply**.



5.6 Manage Certificate

This task allows you to update the certificates installed on target devices at set intervals.

For more information, see [7.14 Create and Manage Certificate Profiles](#).

6 Task Monitoring

To monitor the status of active tasks and check the results of completed tasks, click **Tasks** in the top menu bar. The following task categories are listed in the left pane:

- **Instant tasks**
- **Device log**
- **Device notification**
- **Device list**
- **Device master settings**
- **Manage Certificate**
- **Autoconfiguration**

The number displayed next to each task category indicates the number of active tasks.

6.1 Check Task Status

To display the tasks and their status, select a task category in the left pane. The information displayed varies depending on the task type.

To display task properties and actions in the right pane, select a task from the task list.

BRAdmin Professional 4 uses the following notification icon colors:

- Blue: A new task has been created
- Orange: An error has occurred



- To filter the tasks by status, select the status from the **Task log** drop-down list.
- To search for a task, type its keyword in the search box.
- The notification icon and footer area indicate whether you have a newly created task. The footer also indicates whether an action is ongoing or completed, if an error has occurred.

Notification Icon

Type	Status	Started	Target
Send file	Working...	2020/06/15 4:55	1

Task type	Status	Started	Finished	Target
Manage solutions	Error	2019/07/19 11:27	2019/07/19 11:27	1
Update firmware	Completed	2019/07/04 17:06	2019/07/04 17:06	1

6.2 Monitor Tasks

To monitor, stop, or retry instant tasks, click **Instant tasks**, and then do one of the following:

1. Select an active task in the **Current task** field and click one of the following in the right pane:
 - **Details:** Check the task's status and details.
 - **Stop:** Stop the task.
2. Select a completed or interrupted task in the **Task log** field and click one of the following in the right pane:
 - **Details:** Check the status of completed tasks or try to perform a task again if it was interrupted by an error.
 - **Delete:** Delete a task.
 - **Export log to file:** Export the selected task logs as a CSV file.

To manage tasks, click **Device log**, **Device notification**, **Device list**, **Device master settings**, or **Manage Certificate**, and then do one of the following:

1. Select an active or inactive task profile in the **Current task** field and click one of the following in the right pane:
 - **Settings:** Display and edit the task's settings.
 - **Send test Email:** Send a test email.
 - **Deactivate/Activate:** Deactivate active tasks or activate inactive tasks.
 - **Run now:** Run the task immediately.
2. Select a completed or interrupted task profile in the **Task log** field and click one of the following in the right pane:
 - **Details:** Check the status of completed tasks.
 - **Open application log:** Check the task details.
 - **Delete:** Delete the selected Task log item.
 - **Export log to file:** Export the selected task logs as a CSV file.



The **Export log to file** action is not available when performing the following tasks:

- Device log
 - Device notification
 - Device list
-

6.3 Autoconfiguration

Use this task to find devices that meet the set criteria and automatically configure them (for example, **Password settings** and **Update firmware**). You can also schedule discovery by selecting a specific day and time.



The Mapply function cannot be executed in Autoconfiguration.

Unlike the other profiles created in **Application settings**, the **Autoconfiguration** profiles are created by opening the **Tasks** screen, and then clicking **New autoconfiguration task...**

You can monitor the existing **Autoconfiguration** tasks in the **Tasks** screen.

The screenshot shows the 'Tasks' screen in Brother BRAdmin Professional 4. The interface includes a left sidebar with navigation options: Instant tasks (0), Device log (0), Device notification (0), Device list (0), Device master settings (0), and Autoconfiguration (1). The main area is divided into 'Current task' and 'Task log' sections. The 'Current task' section contains a table with columns 'Task name', 'Status', and 'Target'. A row for 'Autoconfiguration 1' is highlighted, with status 'Active' and target '1'. Above this table is a button labeled 'New autoconfiguration task...' which is highlighted with a red dashed box. The 'Task log' section has a dropdown menu set to 'All' and a search box. Below it is a table with columns 'Task name', 'Status', 'Started', and 'Applied devices'. A row for 'Autoconfiguration 1' is shown with status 'Completed', started time '2020/06/12 13:50', and applied devices '1'. On the right side, there is a panel for 'Autoconfiguration 1' showing it is 'Active', with target '1' and trigger 'At the time of discovery'. Below this, the automation flow is 'Update firmware'. At the bottom right, there are action buttons: Settings, Deactivate, Delete, and Run now.

To create a new autoconfiguration task, do the following:

1. Select **Autoconfiguration** in the left pane.
2. Click **New autoconfiguration task...**
3. To change the default task name, type the new autoconfiguration name in the **Task name:** field.

- Specify the target devices or their discovery criteria. Click **+** of the **Target:** field, and then do one of the following:

- To use the filtering criteria of the smart filter, click **Smart filter...** (For more information, see [2.2 Group and Filter Devices.](#))
 - To specify the discovery criteria, select **Model name...**, **Node name...**, **IP address...**, **Serial number...**, or **MAC address...**. You can then import a list of the criteria exported from BRAdmin Professional 3 or 4 by clicking **Import...**
- Specify the timing for applying in **Trigger**.
You can specify as “**At the time of discovery**” or any time in the “**Time specification**”.
 - If you select the “**Time specification**”, the **Device discovery settings** becomes grayed out.
 - If you select the “**At the time of discovery**” and have not configured the **Device discovery settings**, the **Scheduled discovery is not configured. This task works only by manual discovery.** message appears. Click **Device discovery settings** and configure the schedule. (For more information, see [7.2 Configure the Device Discovery Settings.](#))
 - Assign tasks for the target devices in the **Set automation flow...** field.
 - To add tasks or actions: Click **Set automation flow...**
 - To change the current tasks or actions: Click **Edit**.
 - Click **Create**.



To delete the specified setting items, select them and click **🗑**.

To monitor the autoconfiguration tasks, click **Autoconfiguration** and then do one of the following:

- Select an active or inactive task profile from the **Current task** field, and click one of the following in the right pane:
 - Settings:** Display and edit the task’s settings.
 - Deactivate/Activate:** Deactivate active tasks or activate inactive tasks.
 - Delete:** Delete the selected task.
 - Run now:** Run the selected task immediately.
- Select a completed or interrupted task profile from the **Task log** field and click one of the following in the right pane:
 - Details:** Check the details of unsuccessful tasks.
 - Delete:** Delete the selected Task log item.
 - Export log to file:** Export the selected task logs as a CSV file.

7 Application Settings

Application settings allow you to create and edit task profiles. You can also configure settings within the BRAdmin Professional application.

Click  to open the **Application settings** window.

7.1 General

To modify the general application settings, select **General**:

- **Change Language**

From the **Language**: drop-down list, select the language you want to use.

- **Update Device Status**

Configure the settings in the **Device status refresh**: field to automatically update the device status. Select the **Automatically update** checkbox and set the frequency in the **Specified period**: menu.

- **Device communication**

Choose either the “Node name” or “IP address” option for communicating with your device.

We recommend selecting the “IP address” option if:

- your device has a static IP address

OR

- your device has an IP address that is automatically assigned but there is a problem communicating with the device

- **CSV file delimiter**

Change the delimiter of the CSV file to export or import it from the drop-down list.

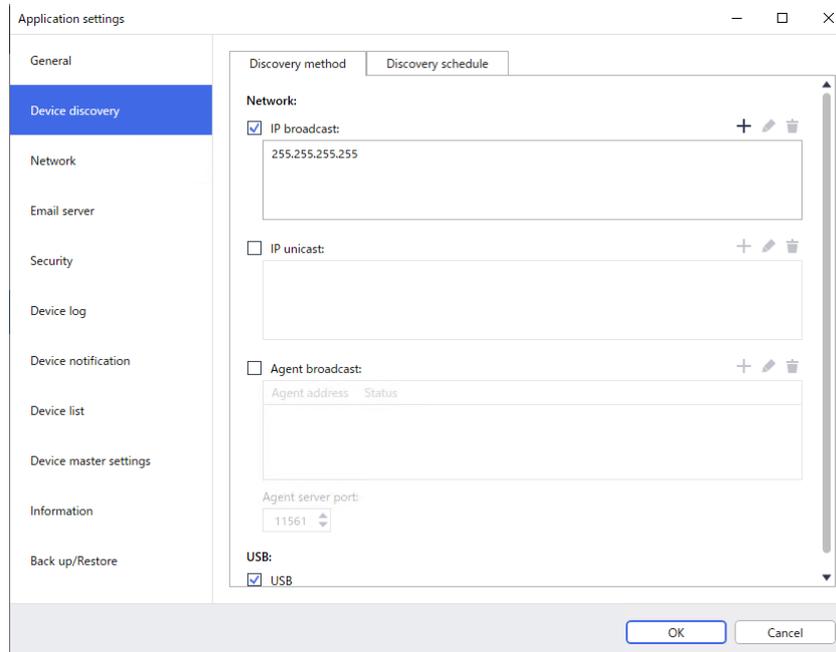
Click **OK** to close the **Application settings** screen.

7.2 Configure the Device Discovery Settings

To discover one or more devices, configure the **Device discovery** settings:

Discovery Method Tab

The **Discover devices** and **Discover specific devices...** functions work based on these settings. (For more information, see [2.1 Discover New Devices](#).)



The screenshot shows the 'Application settings' dialog box with the 'Device discovery' tab selected. The 'Discovery method' sub-tab is active. Under the 'Network:' section, the 'IP broadcast:' checkbox is checked, and the IP address '255.255.255.255' is entered in the text field. The 'IP unicast:' and 'Agent broadcast:' checkboxes are unchecked. The 'Agent broadcast:' section has a table with columns 'Agent address' and 'Status'. The 'Agent server port:' is set to '11561'. Under the 'USB:' section, the 'USB' checkbox is checked. The dialog has 'OK' and 'Cancel' buttons at the bottom right.

- **To search for devices on your network**
Select the **IP broadcast:** checkbox or the **IP unicast:** checkbox in the **Network:** menu. Click **+** of the field you selected to specify the addresses you want.
- **To search for devices on a different local network**
Select the **Agent broadcast:** checkbox in the **Network:** menu. The feature uses the agent software called BRAgent. Click **+** to enter the **Agent's IP address:** or the **Agent's node name:** field.
- **To search for USB-connected Brother devices**
Select the **USB:** checkbox.

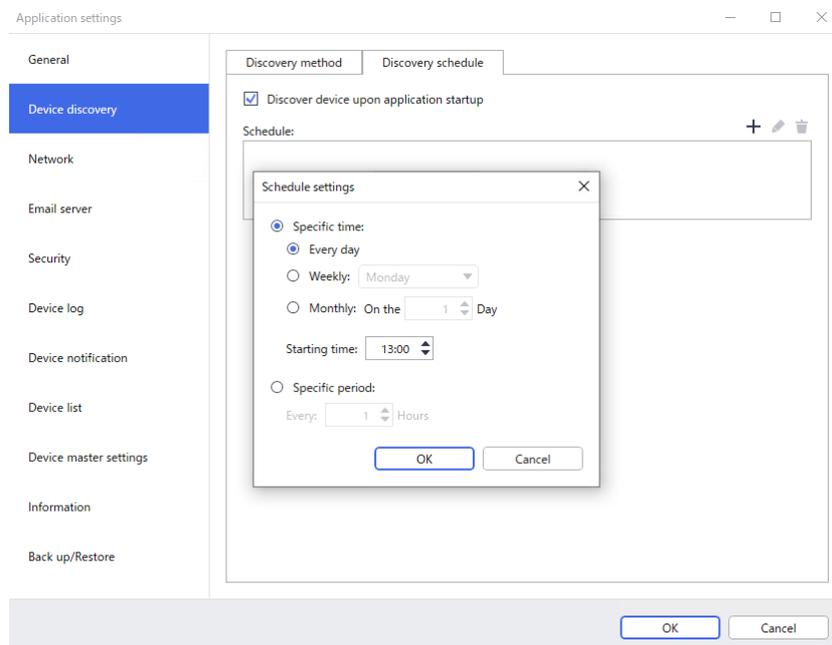


BRAgent runs on a computer that is on a different local network than the computer you are using. It discovers devices and then passes the discovery results to BRAdmin Professional 4.

Discovery Schedule Tab

To perform **Device discovery** regularly, configure both **Discovery method** and **Discovery schedule**.

Discover device upon application startup is enabled by default. If the device list shows no devices upon the application startup, the application automatically discovers the devices.



1. Click **+** of the **Schedule:** field to set the schedule.
2. Click **OK**.
3. Click **OK** to close the **Application settings** screen.



- To edit the setting items specified by **+** of each field above, select the item and click .
- To delete the setting items specified by **+** of each field above, select the item and click .

7.3 Configure the Network Settings

The screenshot shows the 'Application settings' dialog box with the 'Network' tab selected. The 'SNMP' sub-tab is active. Under 'SNMP version:', the 'Enable SNMP v1/v2c only' option is selected. The 'Timeout' is set to 3 seconds and the 'Retry count' is set to 3. Under 'SNMP v1/v2c settings:', the 'Community name' is set to 'public' for 'Get' and 'internal' for 'Set'. There is an 'Edit' button for 'SNMP v3 settings'. 'OK' and 'Cancel' buttons are at the bottom right.

To configure the **Network** settings, do the following:

1. Click the **SNMP** tab.
2. Select one of the options from the **SNMP version:** menu.
3. Configure the settings of the selected option.
4. Click the **Proxy** tab (the default setting is **Auto**).
5. (Optional) Select **Manual:**, specify the items in the **Server name:**, **Port:**, **User name:**, and **Password:** fields.
6. Click **OK** to close the **Application settings** screen.

7.4 Configure the Email Server Settings

To receive notifications or files via email for the **Device log**, **Device notification**, and **Device list** tasks, configure the **Email server** settings for the application.

1. In the **Email server** authentication method section, select either **OAuth2** or **SMTP server**, based on your email server settings.
2. Follow the instructions below for your authentication method.

OAuth2

1. Click **Sign in**. An external browser will open.
2. Follow the on-screen instructions and sign in with the account used to send emails. After signing in, your account name is displayed and the email address is set as the sender address.



- If you get the **Token expired** or **Invalid token** error messages, sign in again.
- If your computer or network is powered off for a period of time, sign in again.
- The OAuth2 sign-in settings are saved individually for each computer and cannot be exported or imported. Sign in separately on each computer.
- **Back up** does not back up OAuth2 settings.

SMTP Server (Default)

1. Configure the SMTP settings in the **SMTP server address:**, **Authentication Method:**, and **SMTP over SSL/TLS:** menus.
2. Click **OK** to close the **Application** settings screen.

7.5 Secure the Application with a Password

To specify or change the password for this application, do one of the following:

- **To set this application to require the password upon startup**
Select the **Request a password at application startup** checkbox. Set the password in the **Password setting** window.
- **To change the current password**
Click **Password setting** and type the password you want in the **Current password:** and the **New password:** fields.
- **To set this application to require no password upon startup**
Clear the **Request a password at application startup** checkbox.

Click **OK** to close the **Application settings** screen.

7.6 Device Master Settings

1. Click **+** of the **Profiles:** field to open the **Profile settings** screen.



-
- To edit the settings of an existing profile, select the profile from the **Profiles:** field, click , and then change the setting items you want.
 - To delete an existing profile, select the profile from the **Profiles:** field and click .
-

2. Type the profile name in the **Profile name:** field if you want to change the default profile name.
3. Type the password in **Device password:** field.
4. To always update the device's firmware automatically, select the **Update to the latest firmware** checkbox.
5. Type the setting file name you want in **Settings file:** or click the **Browse...** button to specify the setting file.
6. Specify the **Schedule:** as **Every day** or **Weekly:**
7. Specify the **Starting time:**.
8. Click **OK** to close the **Application settings** screen.

7.7 Create a Device Log Profile

1. Click **+** of the **Profiles:** field to open the **Profile settings** screen.



-
- To edit the settings of an existing profile, select the profile from the **Profiles:** field, click , and then change the setting items you want.
 - To delete an existing profile, select the profile from the **Profiles:** field, and then click .
-

2. Type the profile name in the **Profile name:** field if you want to change the default profile name.
3. Click **+** of the **Schedule:** field.
4. The Schedule setting window appears. Select the specific time, day, or period you want.

5. Configure the settings in the **Send/Save log** tab.

- To receive the log via email, select the **Send Email:** checkbox.
- Click **+** of the **Destination address (To):** field to type the email address to which the device log is sent.
- Type the sender address in the **Sender address (From):** field.
- Type the subject of the email in the **Subject:** field if you want to change the default subject.
- To save device log files, select the **Save a file:** checkbox to specify the destination folder.

The screenshot shows the 'Profile settings' dialog box with the 'Send/Save log' tab selected. The 'Profile name' field contains 'Device Log2'. The 'Schedule' field is empty. The 'Send Email:' checkbox is checked. The 'Destination address (To):' field is empty with a '+' icon to its right. The 'Sender address (From):' field is empty. The 'Subject:' field contains 'Devices Report'. The 'Save a file:' checkbox is unchecked. The 'OK' and 'Cancel' buttons are at the bottom.

6. Click the **Log file** tab.

- Type the log file name in the **Log file name:** field if you want to change the default log file name.
- Select log entry items you need from the **Information contained in the log file:** options.
- Select the file format from the **File format:** drop-down list and type the data format in the **Date format:** field.

7. Click **OK** to close the **Profile settings** screen.



- To include the computer's name in the log file name, include the "%PCNAME%" string in the **Log file name:** field.
- To include the date in the "yyyy-MM-dd_HHmm" format in the log file name, include the "%DATE%" string in the **Log file name:** field.
- A log file name can contain both the computer name and the date. Example: If your computer's name is "AAA", the "machinelog_%PCNAME%_%DATE%" string produces the "machinelog_AAA_2019-08-21_1113" file name.
- The available log entry items may vary depending on your target devices.

The screenshot shows the 'Profile settings' dialog box with the 'Log file' tab selected. The 'Profile name' field contains 'Device Log2'. The 'Schedule' field is empty. The 'Log file name:' field contains 'machinelog'. The 'Information contained in the log file:' section has several checkboxes checked: 'Status', 'Consumables', 'Consumables (Remaining life/Drum count)', 'Consumables (Replace count)', 'Paper jam:', 'Jam count', and 'Error history'. The 'File format:' dropdown menu is set to 'CSV'. The 'OK' and 'Cancel' buttons are at the bottom.

8. Click **OK** to close the **Application settings** screen.

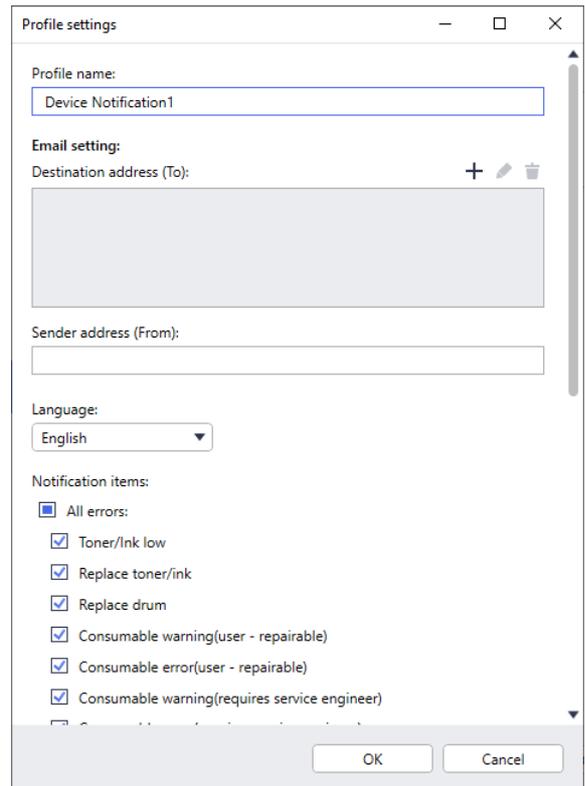
7.8 Create a Device Notification Profile

1. Click **+** of the **Profiles:** field to open the **Profile settings** screen.



- To edit the settings of an existing profile, select the profile from the **Profiles:** field, click , and then change the setting items you want.
- To delete an existing profile, select the profile from the **Profiles:** field and click .

2. Type the profile name in the **Profile name:** field if you want to change the default profile name.
3. Click **+** of the **Destination address (To):** field to type the email address to which the notification is sent.
4. Type the sender address in the **Sender address (From):** field.
5. Select the language from the **Language:** drop-down list.
6. Select the errors you want to be notified of.
7. (Optional) Select the **Send an e-mail when the problem is resolved** checkbox at the bottom of the list.
8. Click **OK** to close the **Profile settings** screen.
9. Specify the notification frequency in the **Specified period:** field.
10. Click **OK** to close the **Application settings** screen.



7.9 Create a Device List Profile

1. Type the file name in the **File name:** field if you want to change the default file name.
2. Click **+** of the **Schedule:** field to set the schedule for acquiring the list.
3. To receive the list via email, select the **Send Email:** checkbox.
 - Click **+** of the **Destination address (To):** field to type the email address to which the list is sent.
 - Type the sender address in the **Sender address (From):** field.
 - Type the subject of the email in the **Subject:** field if you want to change the default email subject.
4. To save the device list files, select the **Save a file:** checkbox to specify the destination folder.



- To include the computer's name in the file name, include the "%PCNAME%" string in the **File name:** field.
- To include the date in the "yyyy-MM-dd_HH:mm" format in the file name, include the "%DATE%" string in the **File name:** field.
- A file name can contain both the computer name and the date. Example: If your computer's name is "AAA", the "machinelog_%PCNAME%_%DATE%" string produces the "machinelog_AAA_2019-08-21_1113" file name.
- To edit the setting items specified by **+** of each field above, select the item and click .
- To delete the setting items specified by **+** of each field above, select the item and click .

5. Click **OK** to close the **Application settings** screen.

7.10 Application Improvement Program Settings

To keep improving this application, Brother would like to periodically collect usage information.

To modify the permission and settings for sharing user information and application usage data, select **Application Improvement Program**.

Your personal information will remain anonymous even if you allow Brother to share your general usage information.

7.11 Information

The following information about the BRAdmin Professional 4 application is available:

- To check the tool's application log in the case of errors, from the **Application log:** menu, click **Open**.
- To view the version information, from the **About this application:** menu, click **Version**.
- To check the application version, click **Check for software updates**. You can update the software if a newer version is available.
- To check the license information, click **License**.

7.12 Tool: Setting File Editor

Use the Setting File Editor to:

- Remove all device-specific settings from the settings file (.json, .dpk, .edpk) at once, or remove only unnecessary device settings, and save them.
- Create the setting files (.json, .dpk, .edpk) and profiles (.csv) necessary to run the Mapply function.
 - Add dynamic (Mapply) keywords to the settings file (.json, .dpk, .edpk) and save them.
 - Use an existing profile or create a new profile (.csv) with a field for the dynamic (Mapply) keywords added to the currently open setting file.

The Setting File Editor is not supported for labeling products.

1. To start the Setting File Editor, select **Tools**, and then click **Open**.
2. To open the settings file, do one of the following:
 - Click the **File** menu and then select **Open file**.
 - Click the **Open file** button in the center of the screen, and then click the settings file.
 - Navigate to the folder with the settings file, and then drag and drop the settings file directly into the designated area.
3. A dialog box appears, to confirm if you want to remove the device-specific settings. Click **Remove** to deselect all the settings listed in the dialog box, if required.
4. Do one of the following:
 - a) Remove items from the settings tree.

After saving the settings file, the deselected items are deleted from the file and are no longer displayed on the settings tree.
 - b) Use dynamic (Mapply) keywords.

Change or add a value in the settings file to a dynamic (mapply) keyword by selecting **Create dynamic referencing** in the **Advanced** menu.

Type the keyword in the **Dynamic (Mapply) keyword** field.
 - c) Set a dynamic (Mapply) keyword for keys in an array.
 1. Click the **Get Mapply CSV file** button to download the Mapply CSV template.
 2. Edit the downloaded Mapply CSV template and add the dynamic keyword.
 3. Import the Mapply CSV file that you have created.

Click **Import Mapply CSV file...** button, and then click **Save**.

- d) Export dynamic keywords using the **Export...** menu or the **Export...** button in the upper right corner of the screen.
- Select **Apply dynamic (Mapply) keywords to the deployment profile** to add the dynamic keywords to an existing deployment profile (CSV or ZIP file).
 - Select **Create a new deployment (Mapply) profile template** to create a new deployment profile (CSV file).



- Remove all device-specific settings at once by selecting **Unselect device specific settings** in the **Advanced** menu.
- The **Export...** menu and button appear when **Create dynamic referencing** is selected.

7.13 Back Up and Restore the Application's Settings and Data

To export or import backup files:

- **Back Up BRAdmin Professional 4**

To use all the settings including the device data and log data of BRAdmin Professional 4:

- To export all the settings and data of this application, click **Create backup file** of the **Back up BRAdmin Professional 4:** menu, specify the destination folder of the exported data, and then click **Back up**.
- To import all the settings and data of this application from an external file, click **Import backup file** in the **Back up BRAdmin Professional 4:** menu, select the file, and then click **Import**.

- **Back Up Application Settings**

To use the INI files that include only the application settings (without the device/log data) of BRAdmin Professional 4:

- To create an INI file, click **Create backup file** in the **Back up application settings:** menu, select the file, and then click **Back up**.
- To import an INI file, click **Import backup file** in the **Back up application settings:** menu, select the file, and then click **Import**.

7.14 Create and Manage Certificate Profiles

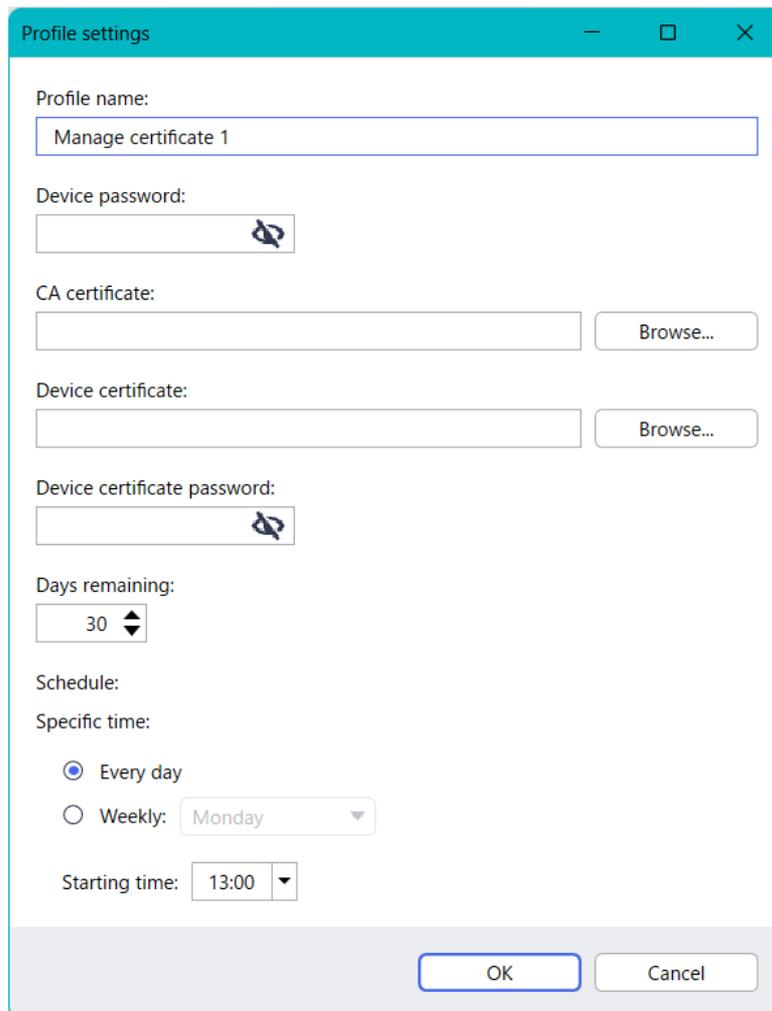
1. Click **+** above the **Profiles:** field to open the **Profile settings** screen.



- To edit the settings of an existing profile, select the profile from the **Profiles:** field, click , and then change the setting items you want.
- To delete an existing profile, select the profile from the **Profiles:** field, and then click .

2. Type the profile name in the **Profile name:** field if you want to change the default profile name.
3. Type the password in the **Device password:** field.
4. Type the certificate's folder path in the **CA certificate:** or **Device certificate:** field, or click the **Browse...** button to navigate to the folder.
5. For password-protected certificates, type the password in the **Device certificate password:** field. Keep certificate files safe from unauthorized access.
6. Set the number of days until the certificate expires in the **Days remaining:** field.
7. Specify the **Schedule:** as **Every day** or **Weekly**.
8. Specify the **Starting time:**.

9. Click **OK** to close the **Profile settings** screen.



The image shows a 'Profile settings' dialog box with a teal header and standard window controls (minimize, maximize, close). The settings are as follows:

- Profile name:** A text box containing 'Manage certificate 1'.
- Device password:** A password field with a masked input and a toggle icon.
- CA certificate:** A text box with a 'Browse...' button to its right.
- Device certificate:** A text box with a 'Browse...' button to its right.
- Device certificate password:** A password field with a masked input and a toggle icon.
- Days remaining:** A spinner box set to '30'.
- Schedule:** A section with the label 'Specific time:' and two options:
 - Every day
 - Weekly: Monday (with a dropdown arrow)
- Starting time:** A time selector box set to '13:00' with a dropdown arrow.

At the bottom right, there are two buttons: 'OK' and 'Cancel'.

8 Troubleshooting and Support

If you cannot discover one or more devices, see [8.1 If You Cannot Discover the Device](#).

For further details, check the application log from the **Information** menu (see [7.11 Information](#).)

If the problem persists, contact your local Brother technical support team.

8.1 If You Cannot Discover the Device

For all network connection types

Make sure that:

- Your computer is connected to the network.
- The target device is connected to the network.
- The target device is powered on.
- The discovery has not been interrupted by any security software, or Windows Firewall.
- The target device meets the discovery conditions and criteria.
- The target device is within the reach of the Broadcast packet. If it is not, you may need to try the unicast search, or use the BRAgent software.

For more information, see [7.2 Configure the Device Discovery Settings](#).

For USB-connected devices

Make sure that:

- The target device is using the correct driver.
- The target device is connected to the USB direct interface.
- The target device is not busy.

8.2 Insufficient Access Permissions

If BRAdmin notifies you that you cannot access the selected folder due to incorrect permissions, change the BRAdmin Service settings as follows:

1. Open **Control Panel**, click **System and Security**, and then select **Administrative Tools**.
Or, select **Windows Administrative Tools** from **All Apps**.
2. Double-click **Services**.
3. In the Services list, right-click **Brother BRAdmin Service**, and then select **Properties**.
4. Click the **Log On** tab, and then enter your account information in **This Account**. Make sure the account you use has the following privileges:
 - Administrator right of the computer that is used.
 - Permission to access the destination folder.
5. When prompted, restart the service and the application.

8.3 Troubleshooting

Error	Solution
Admin account locked	The admin password for the target device was entered incorrectly too many times. Wait until the password lock of the target device is released.
Already activated	The function you want to activate on the device has already been activated.
Already set	The device password has already been changed from the default login password.
Cannot convert to PJJ	Make sure you use a PJJ conversion table compatible with the input data.
Cannot convert to Setting file	Make sure you use a PJJ conversion table compatible with the settings file you want.
Connection error	Make sure the target device is connected and available to transfer the data.
Deploy results mismatch	One or more settings in the settings file have not been applied. Check the log file for more information.
	Sleep time and auto power off settings: if you want to set a value that exceeds 20 minutes, or to change the setting to OFF, try changing it from your machine's control panel.
Device certificate password error	Make sure you enter the correct device certificate password.
Device internal error	Reboot the target device and try again.
Device not found in Deployment profile	There are no target devices in the deployment profile (Mapply function).
Device is busy	Wait until the target device finishes its current job.
Failed to modify	One or more settings in the settings file have not been applied. Check the log file for more information.
File not found	Make sure you specify the file path correctly, and then try again.
File write error	Make sure that there is enough space in the destination folder, or that the files in the destination folder can be overwritten.
Firmware Update required	The schema version of the target device is older than the schema version of the JSON settings file. Update the device's firmware.
Firmware-update is disabled	Make sure the device Firmware-update setting is enabled.
Internal error	Make sure all settings are correct and then try again.
Invalid deploy setting file	Make sure the content and structure of the settings file are correct, and then try again.
Invalid file error	Make sure you select the correct DJF file or the correct target device.
License error	Make sure you enter the correct license code (20 digits).
New version schema required	The schema version of the JSON settings file is older than the schema version of the target device.
Not Admin Mode	Enable Admin Mode on the target device.
Not discovered	Make sure the target device is connected and available to transfer the data.
Not supported	Make sure all the target devices support the function/command you want, or select the target devices that support that function/command.
Partially complete	Some of the deployed solutions have been activated, and some are either already activated or not supported by the target devices. Check the CSV file stored at the path specified in Save the result file to: on the Manage solutions screen for more information.
Password incorrect	Make sure you enter the correct password.
Package password error	Make sure the package password is correct.
Permission error	Make sure you have the permission to access the specified folder or output folder.

Error	Solution
Port 9100 is disabled	Make sure the Port 9100 setting on the target device is enabled.
Serial number mismatch	When specifying the device identifier, make sure you specify the serial number that matches the serial number of the target device.
Server communication error	Make sure your network connection is active so that you can update the tool to the latest version.
Session timeout	This activation session has expired after more than 24 hours of inactivity. Try to activate the solution or function you want again.
Solution not supported	Make sure the target devices support the solutions you want to deploy.
Solution not supported/already activated	Some of the deployed solutions are either not supported or are already activated. Check the CSV file stored at the path specified in Save the result file to: on the Manage solutions screen for more information.
SNMP communication error	Make sure you specify the SNMP settings correctly.
SNMP v3 security error	Make sure your SNMP settings are correct. Try again when the target device is unlocked.
Unauthorized access error	The license code was entered incorrectly too many times. Wait until the lock of the license server is released. Make sure your license code is in the correct format (20 digits) and has not been used yet.
Write lock error	The Custom UI write lock is on. Turn the Custom UI write lock off before sending the Custom UI file.
Write lock password error	The Custom UI write lock password is incorrect.

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