

# *RISO Comcolor solution for PaperCut MF*

## Setup Guide

V2.0E

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# 1 Installation

This guide covers the installation of the PaperCut MF embedded application for compatible RISO Printers. The embedded application will allow the control and monitoring of copier usage and may serve as a print release station for network prints (for information on just tracking network printing see the PaperCut MF user manual).

## 1.1 Compatible RISO Printers

The following RISO Printers are capable of running the PaperCut MF embedded application:

- X1 series  
ComColor 9150, 9110, 7150, 7110, 3150, 3110, 2150  
ORPHIS EX 9050, 9000, 7250, 7250A, 7200, 7200L  
閃彩印王 9150, 7150, 2150,2120
- FW series  
ComColor FW 5230, 5231, 5000, 2230, 1230  
ORPHIS FW 5230, 5230A, 5231, 2230, 1230  
閃彩印王 FW 5230, 5231, 2230, 1230

*NB:The supported models include the R model.*

## 1.2 Requirements

Before enabling the PaperCut MF Embedded Application on the RISO Printer, ensure that basic monitoring of network printing has been setup up and tested as follows for this device.

- The device appears in the printer list in the PaperCut MF Admin Web interface
- There are at least a couple of print jobs in its print history after network printing.

The next steps are to ensure the following points are in place before continuing:

- PaperCut MF is installed and running on your network.
- You must have a valid embedded license(s) for the RISO Printer.
- Ensure that the RISO Printer is connected to the network.
- The network name and IP address of RISO Printer is known.
- It is recommended that the device is configured with a *static IP address*.
- Verify that firewalls or other network restrictions don't prevent the device's access to the PaperCut MF server on port 9191. Log into the PaperCut MF administration interface using a web browser (e.g. <http://papercut-server:9191/admin> ).

- Username and password is known for administrator access to the RISO Printer console or internal web interface.
- The RISO Printer must be running the following firmware and printer driver version or later.
  - (1) X1 series
    - Firmware : GMALL Ver. 7.06
    - NB:This should be used with PaperCut MF version14.1 or later.*
  - (2) FW series
    - Firmware : DIALL Ver.2.4.018
    - GDI printer driver : Ver. 2.4.007
    - NB:This should be used with PaperCut MF version17.0 or later.*
    - PS printer driver : Ver. 2.4.005
    - NB:This should be used with PaperCut MF version14.1 or later.*

You can confirm the latest firmware version with RISO Printer sales companies.  
Please contact them if required.

### 1.3 Compatible IC card reader

The following devices are supported for authentication:

- SAXA Inc , HR330C
- SONY , RC-S380/S
- Elatec , TWN4

Please contact the RISO Printer sales companies if you need to confirm which types of IC cards are supported.

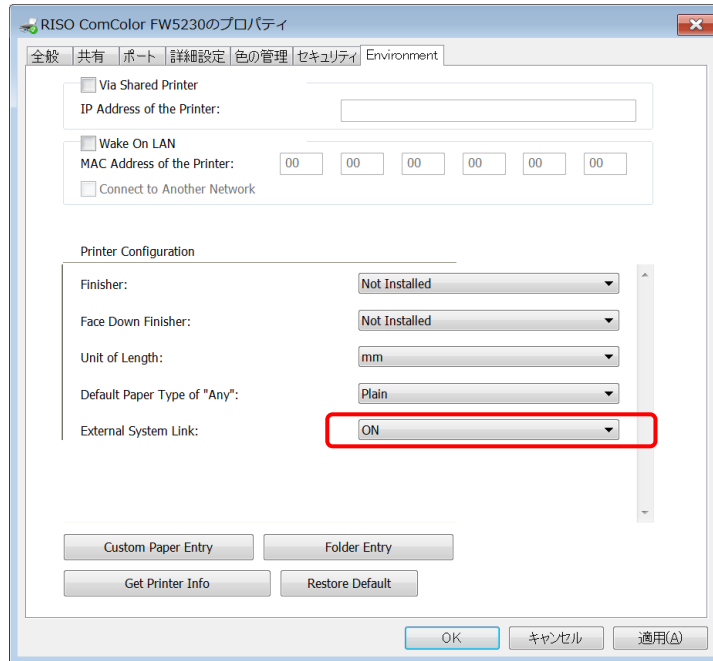
### 1.4 Setup Procedure for PaperCut MF Server and Client PC

- Ensure PaperCut MF is setup on your server and monitoring print activity before proceeding to install the embedded application.
- Log into the PaperCut MF administration interface using a web browser (e.g. <http://papercut-server:9191/admin> ).
- If 'Devices' doesn't appear in the PaperCut MF administration interface, please try the following steps.
  - 1 Navigate to 'Options -> Advanced'
  - 2 Tick the option 'Enable external hardware integration' .

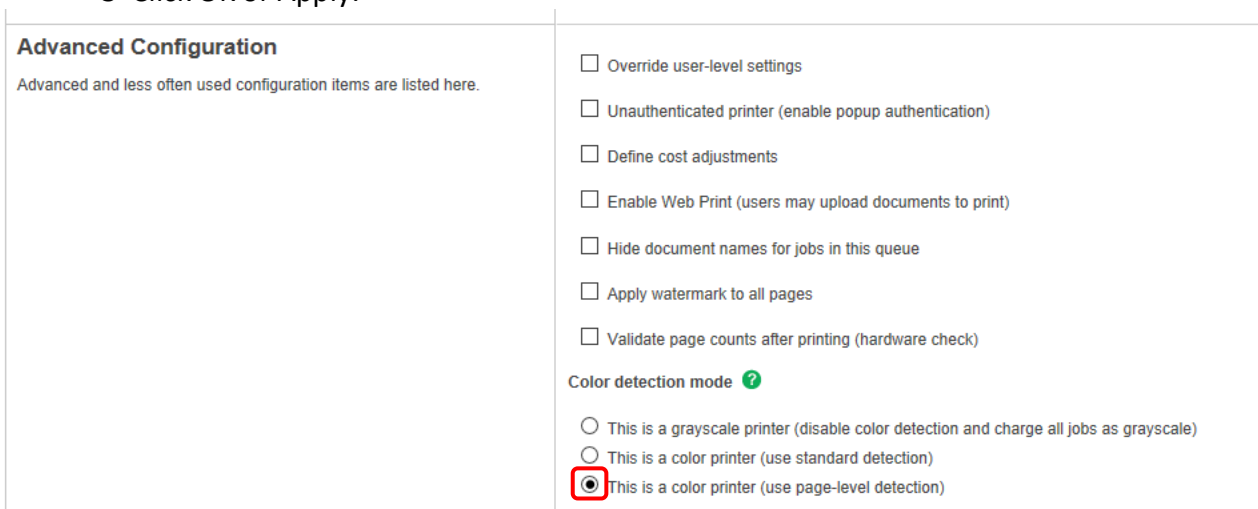
<b>External Hardware Integration</b>	<input checked="" type="checkbox"/> Enable external hardware integration (for supported devices only)
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- 3 Click OK or Apply to save if necessary.
- 4 Confirm 'Devices' tab is displayed.

- Ensure the printer driver for RISO Printer is installed on your server.
- Open the printer driver's properties, select 'Environment'-tab and set 'External system link' to 'ON'.  
(If the printer driver for RISO Printer with PostScript kit is Installed, this procedure is not required.)



- Set up the 'Color detection mode' in the following steps.
  - 1 Log into the PaperCut MF administration interface using a web browser, navigate to <Printers> and select RISO Printer.
  - 2 Select <Summary> and set 'Color detection mode' on 'Advanced configuration' to 'This is a color printer (use page-level detection) '.
  - 3 Click OK or Apply.

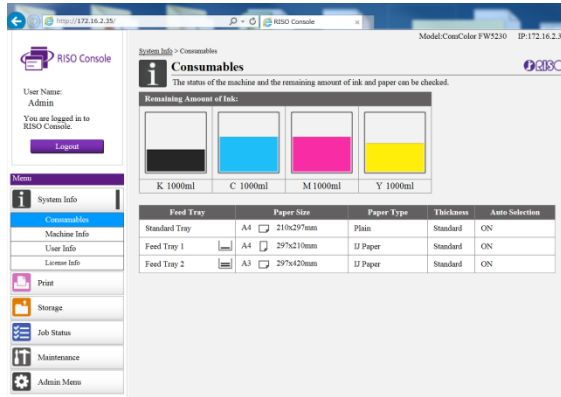


- Set the printer driver of the server shared on the client PC.

## 1.5 Enabling the embedded function for RISO Printer

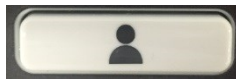
*NB: Hereinafter, The procedures and the pictures describe FW series. But these are basically same as other series which are capable of running the PaperCut MF embedded application.*

*NB: You can use the RISO Console through the web browser instead of operating the panel on the RISO Printer. (<http://IP Address of RISO Printer>)*

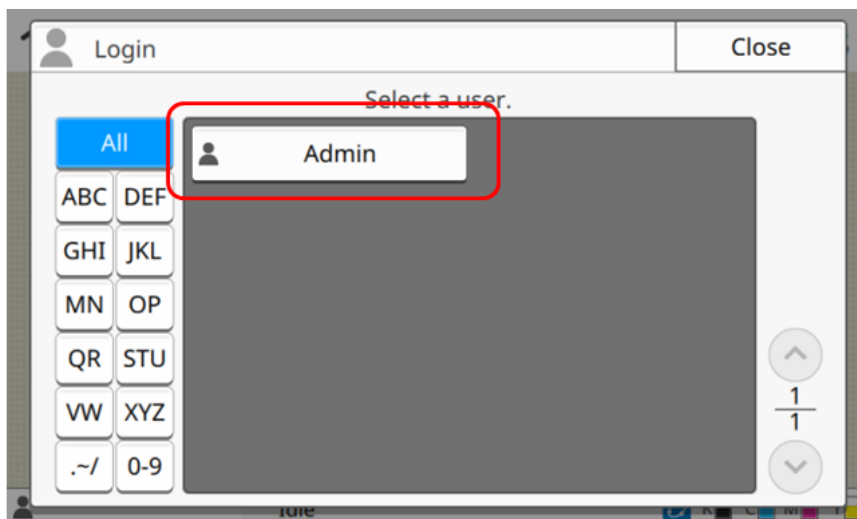


1. Select the Login Button.

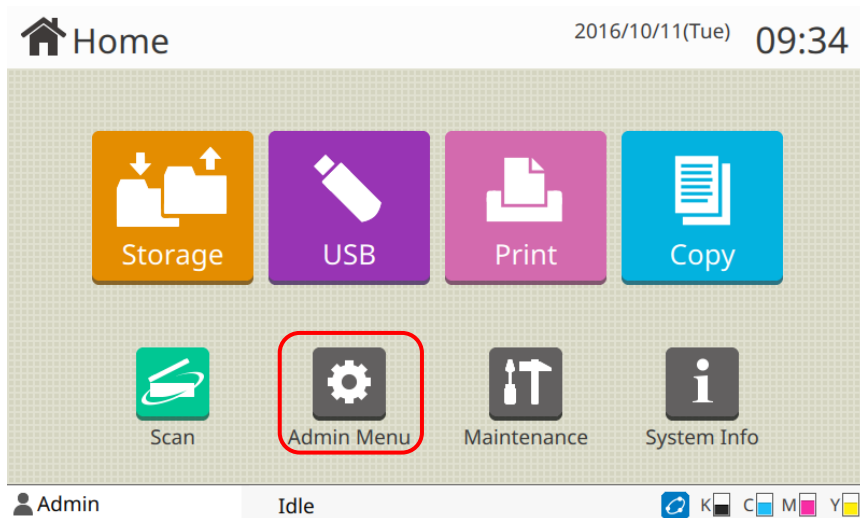
*NB: The Login button of X1 series is on the upper left corner of the screens.*



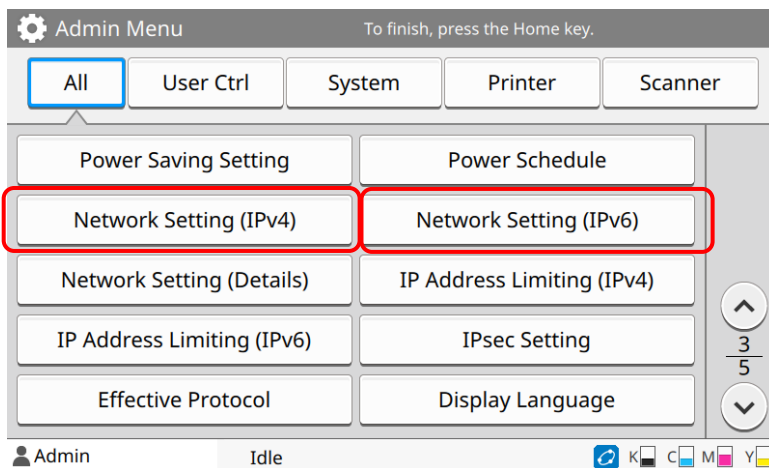
2. Select 'Admin' from user list and login.



3. Once logged in with Administrator rights, select 'Admin Menu'.



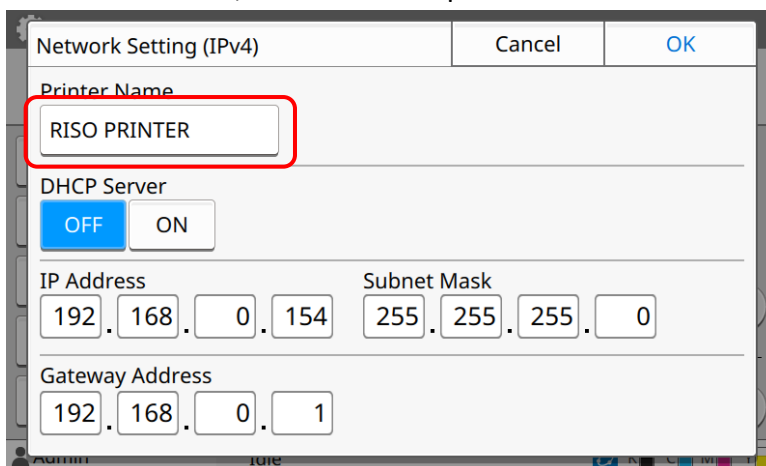
4. Select 'Network setting (IPv4)' or 'Network setting (IPv6)'.



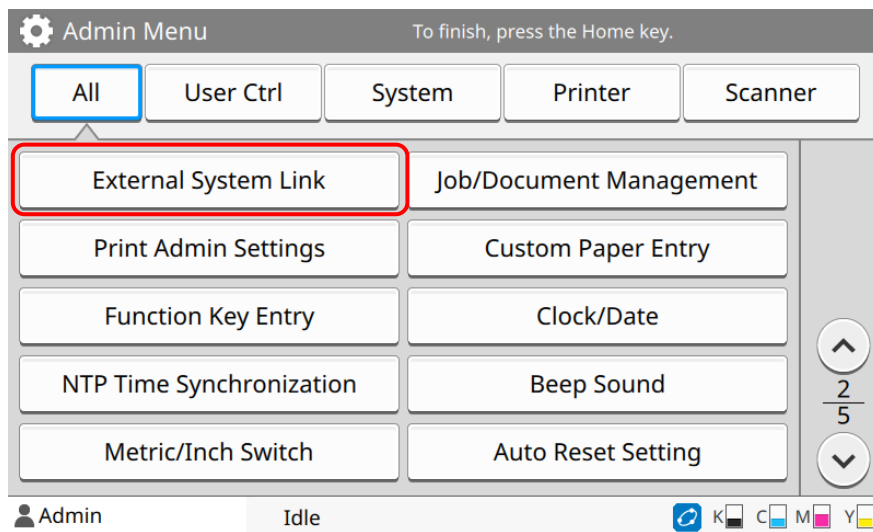
5. Change the default Printer name from 'RISO PRINTER' to an appropriate name that suits the location/dept of the RISO Printer.

*NB: The Printer Name is used to identify the RISO Printer in PaperCut MF under 'Devices ->External Devices'. The name should be unique.*

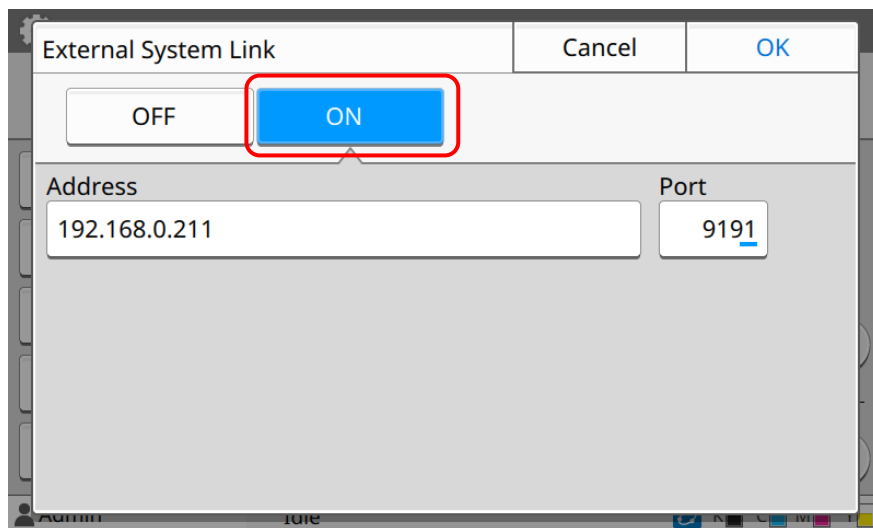
Once the Printer name has been set, return to the top of the Admin menu for the next steps.



6. Select 'External system link'.



7. Change the setting to ON and enter the appropriate details:  
Address = IP Address of server where PaperCut MF is running.  
Port = TCP port of PaperCut MF Server. (Default is 9191)  
Press OK to continue.



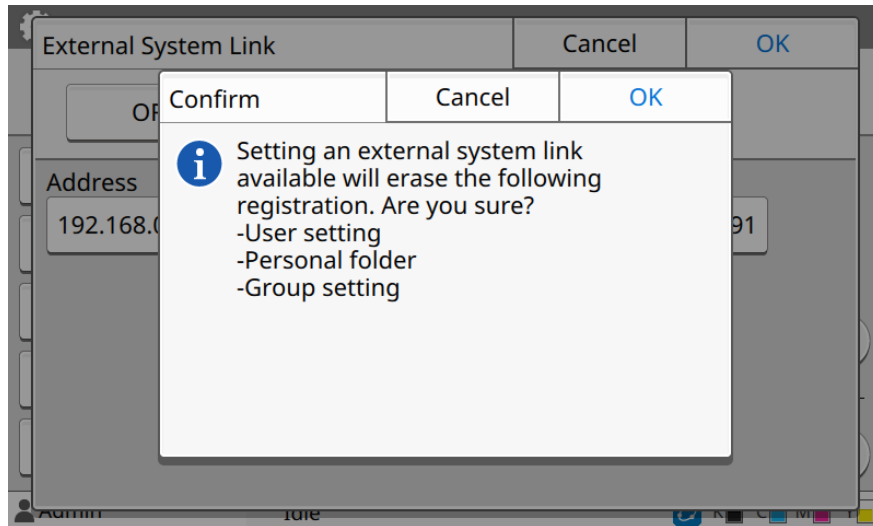


8. A confirmation screen will appear stating 'User Setting, Personal folder and Group Setting will be erased'. Press OK to confirm.

*NB: If Error 'W140-0400' is displayed, reboot the RISO Printer.*

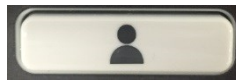
*NB: 'Admin password' and 'Auto Logout time' are initialized as below each time 'External system link' is set as ON.*

- 'Admin password' → 0000
- 'Auto Logout time' → 300

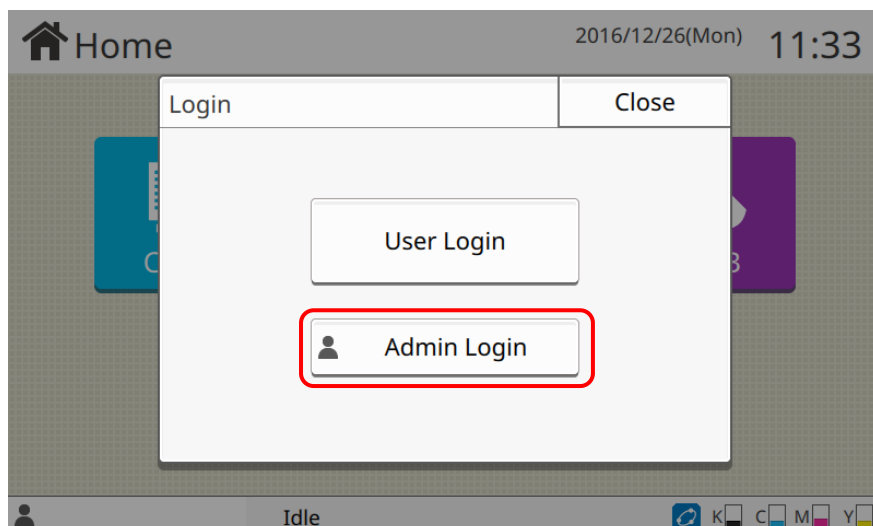


The next step is to enable authenticated access to the RISO Printer.

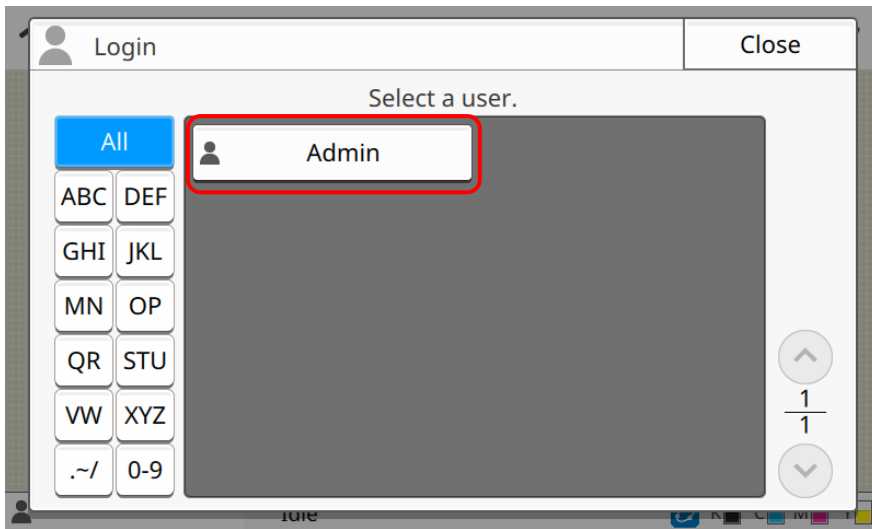
9. Select the Login Button.



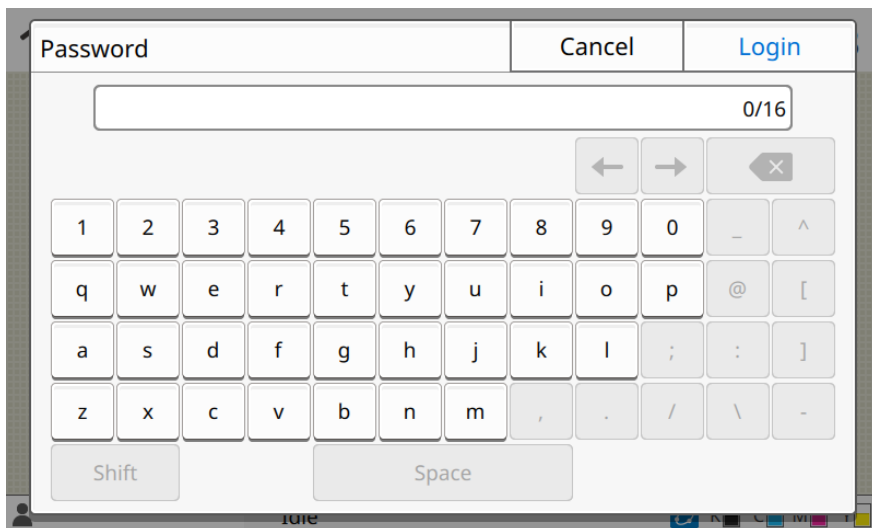
10. Select 'Admin Login'.



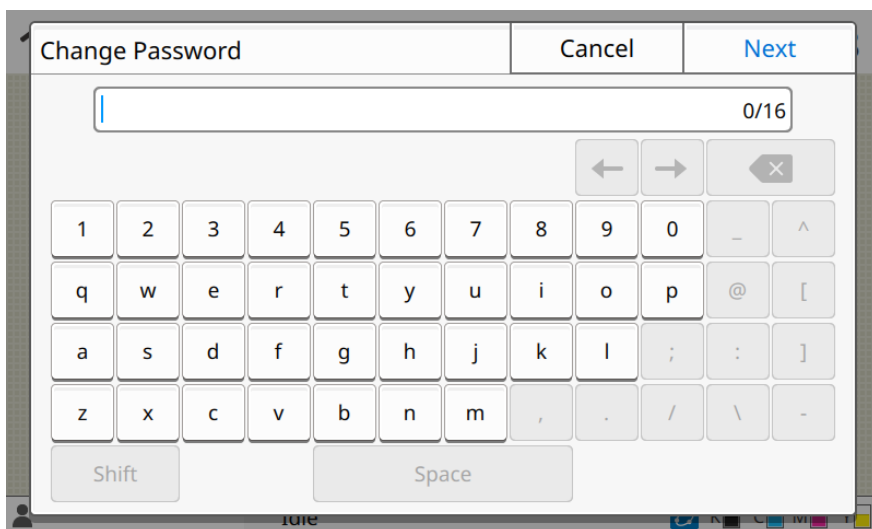
11. Select 'Admin'.



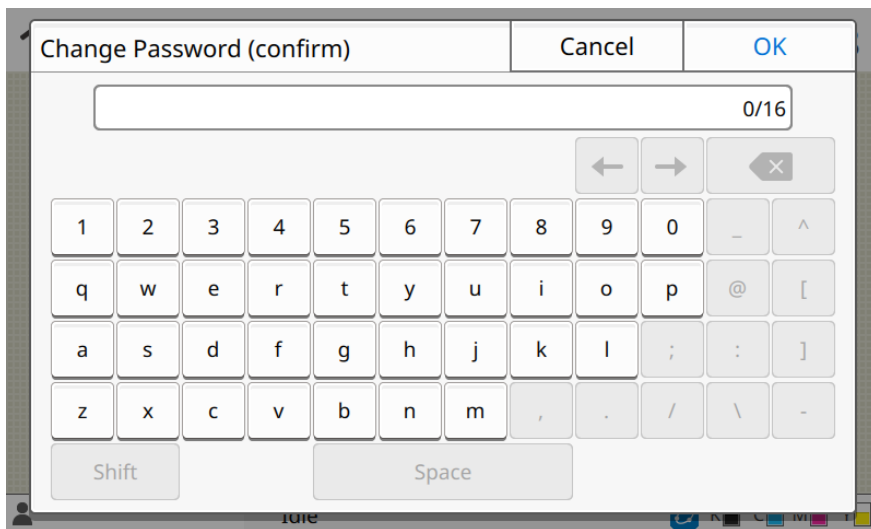
12. Input 0000 for password and press Login.



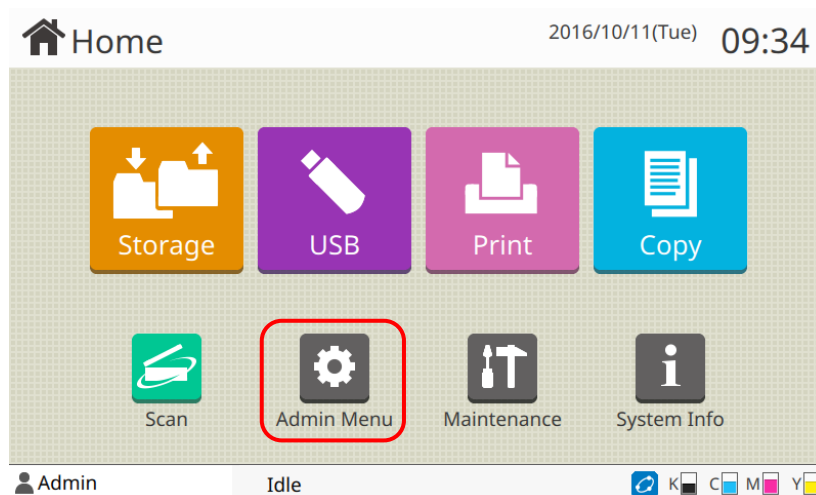
13. Input new password and press Next.  
*NB: You can create your own password here.*



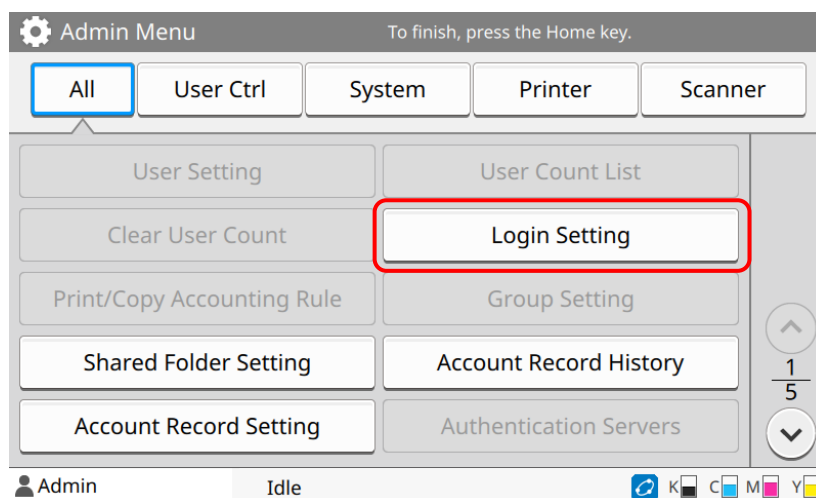
14. Input new password again and press OK.



15. Select 'Admin Menu'.



16. Select 'Login Setting'.



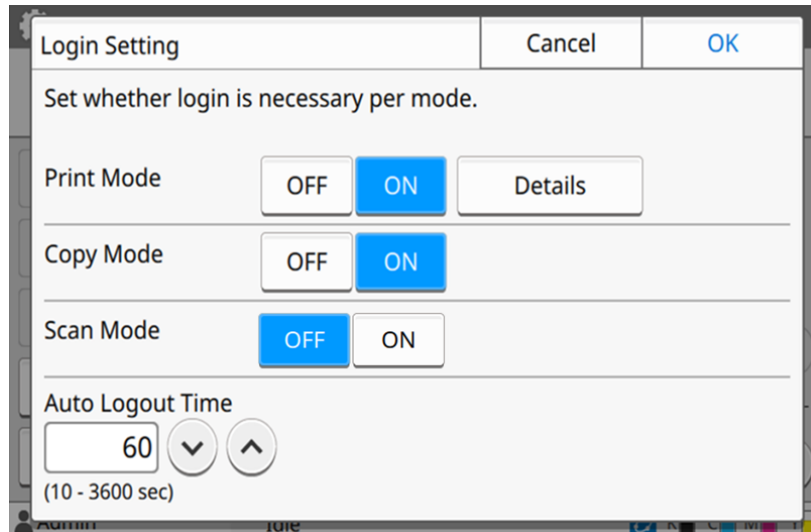
17. Change each mode which needs login from OFF to ON and press OK.

*NB: For Scan mode, PaperCut MF cannot control user restriction or charging.*

*NB: To prevent the misuse of others, be sure to push the login/logout button after the operation.*

*NB: The RISO printer automatically log you out when the device goes to sleep.*

*NB: It is impossible to invalidate 'Auto Logout Time'.*

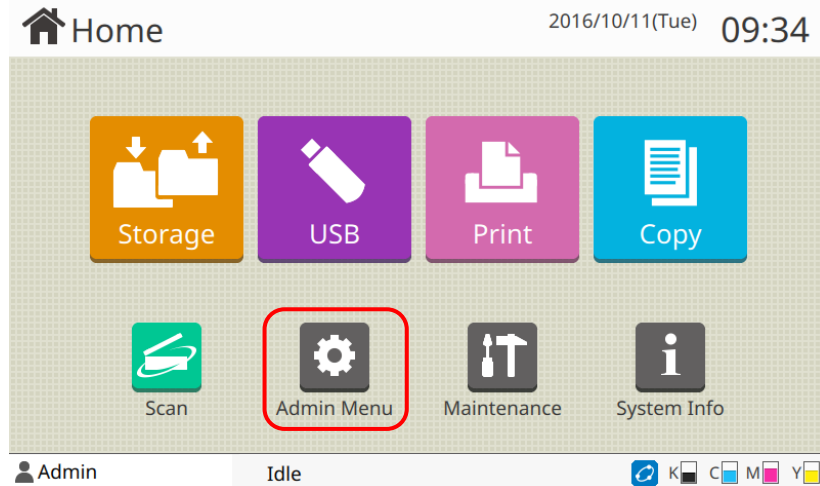


18. The RISO Printer is now locked. Access to Print and Copy functions are only available after successful authenticated login via PaperCutMF.

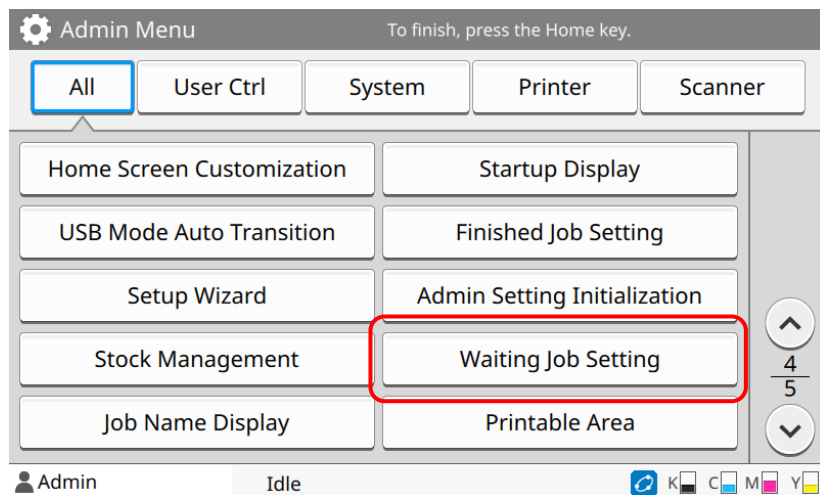
*NB: Authentication methods are Username/Password or IC Card.*



19. Select 'Admin Menu' again.

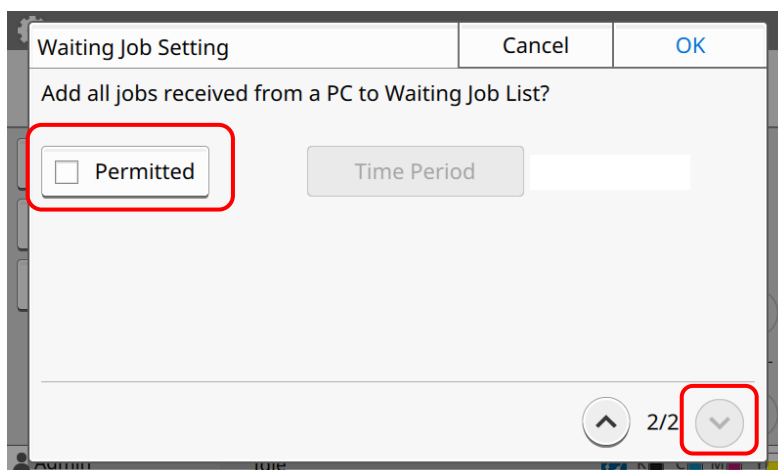


20. Select 'Waiting Job Setting'.



21. Go to next page and untick 'Permitted' and press OK.

*NB: If 'Permitted' remains ticked, it is possible that the device won't start printing after job release.*



*NB: In the case of X1 series, set 'Do you place all received jobs from PC in the waiting job list' to 'No'.*

## 1.6 Verification of Successful Installation

The RISO Printer will create a device entry in PaperCut MF for the embedded application.

Login to PaperCut MF as an Administrator and navigate to the 'Devices -> External Device List'. Select 'device/printer name' in the list.

The screenshot shows the 'External Device List' page in PaperCut MF. The navigation bar includes Dashboard, Users, Groups, Accounts, Printers, Devices, Reports, Options, Logs, and About. The breadcrumb trail is Location > Devices > External Device List. The page title is 'External Device List'. There are two tabs: 'External Device List' (active) and 'Scan Actions'. On the left, there is an 'Actions' sidebar with 'Create device' and 'Copy settings from device to device'. A search bar with 'Quick find:' and 'Go'/'Clear' buttons is present. Below it is a filter bar showing 'Filter off [edit]'. A table lists the device:

Device Name	Function	Type	Hostname	Status
<a href="#">device\RISO PRINTER</a>	Copier	Riso Embedded	192.168.0.154	Inactive

Below the table are 'Export/Print' and other utility icons.

Configure options such as Page costs, authentication method and other settings related to the RISO Printer.

The screenshot shows the 'Device Details: RISO PRINTER' page. The breadcrumb trail is Location > Devices > External Device List > Device Details. The page title is 'Device Details: RISO PRINTER'. There are several tabs: 'Summary' (active), 'Charging', 'Filters & Restrictions', 'Job Log', 'Statistics', and 'Advanced Config'. On the left, there is an 'Actions' sidebar with options like 'Reset Counts', 'Copy settings to other devices', 'Rename this device', 'Delete this device', 'View charging rules', 'View filter rules', 'View job log', and 'View statistics'. The main content area is divided into two sections:

- Configuration**: Simple configuration options. Advanced configuration options are available below and on the other tabs.
- External Device Settings**: Allows for the configuration of the external device. For example connection settings like IP addresses and ports.

On the right side, there are several configuration fields:

- Type/Model**: RISO ORPHIS FW5230
- Physical identifier**: net://192.168.0.154
- Location/Department**: (empty text input field)
- Enable/Disable**: Enabled (dropdown menu)
- Device type**: Riso Embedded
- Authentication methods**:
  - Username and password
  - Identity number
  - Swipe card

## 2 Configuration

Once the Installation section is complete, the RISO Printer is registered with PaperCut MF with default settings that are suitable for most environments. The following section covers how to change the default settings. The following settings are available via the device's 'Summary' tab in the PaperCut MF administration interface.

### 2.1 Authentication Methods

PaperCut MF supports several methods of authenticating users who walk-up to the devices to perform copying. The default authentication method is username and password.

'External Device Settings -> Authentication methods'

<p><b>External Device Settings</b> Allows for the configuration of the external device. For example connection settings like IP addresses and ports.</p>	<p><b>Device type</b> Riso Embedded</p> <p><b>Authentication methods</b></p> <p><input checked="" type="checkbox"/> Username and password</p> <p><input type="checkbox"/> Identity number</p> <p><input checked="" type="checkbox"/> Swipe card</p> <p><input type="checkbox"/> Require PIN (Not supported by this device type)</p>
--	---

*NB: Not all authentication methods are supported on all devices.*

The supported methods are:

Authentication Method	Description
Username and password	The user can use their domain/network username and password to log into the device.
Swipe card	The user can log in by swiping a card (i.e. Mifare RFID card).

### 2.2 Device Function

The device function setting defines how the device will be used.

*NB: Not all function settings are supported on all devices.*

RISO Printer Functionality is listed below:

Function	Description
Track & control copying	The device will track walk-up off-the-glass copying
Page Cost	Set appropriate costs by Paper size & colour mode.
Enable print Release	The device will act as a print release station.

<p><b>Tracking</b></p> <p><input checked="" type="checkbox"/> Track &amp; control copying</p> <p>Page cost ¥ 0.71 (standard)</p> <p><b>Print release</b></p> <p><input type="checkbox"/> Enable print release</p>
---

## 2.3 Page cost

To set the print job cost, open <Printers>-tab for print jobs and open <Devices>-tab for copy jobs.

<Printers>-tab

To define an advanced page cost for printing:

1. Log into the PaperCut MF administration interface using a web browser as admin user and select <Printers>
2. Select RISO Printer in the list
3. Click on the Advanced Charging tab.
4. Select most suitable charging type for the user environment.
5. Click the Apply button.

Charging type:  standard

**Standard Charging**  
Standard charging allows setting costs for each combination of paper size, color / grayscale and single / double sided (duplex).

Size	Color	Grayscale	Color duplex (each side)	Grayscale duplex (each side)
A3 (ISO_A3)	\$2.00	\$1.00	\$2.00	\$1.00
A4 (ISO_A4)	\$2.00	\$1.00	\$2.00	\$1.00
Default (other sizes)	\$2.00	\$1.00	\$2.00	\$1.00

Add size:

<Devices>-tab

To define an advanced page cost for copying:

1. Login as admin user and select <Devices>.
2. Select RISO Printer in the list
3. Click on the Advanced Charging tab.
4. Select most suitable charging type for the user environment.
5. Click the Apply button.

Copy charging type:  standard

**Standard Charging**  
Standard charging allows setting costs for each combination of paper size, color / grayscale and single / double sided (duplex).

Size	Color	Grayscale	Color duplex (each side)	Grayscale duplex (each side)
A3 (ISO_A3)	\$0.78	\$0.34	\$0.78	\$0.34
A4 (ISO_A4)	\$0.71	\$0.34	\$0.71	\$0.34
Default (other sizes)	\$0.71	\$0.34	\$0.71	\$0.34

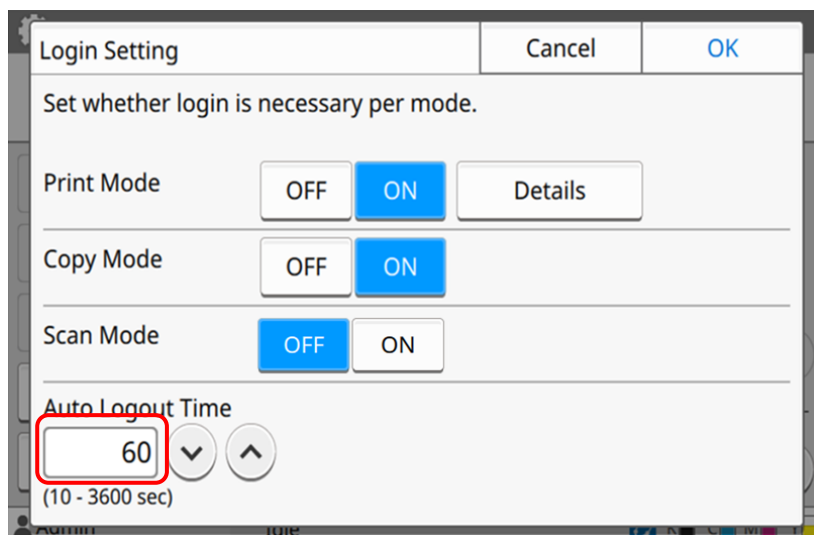
Add size:



## 2.4 Auto logout time

The timeout setting for RISO embedded can be set after logging into the RISO Printer (at the device or via web browser) as Admin and navigating to the “Login Setting” page.

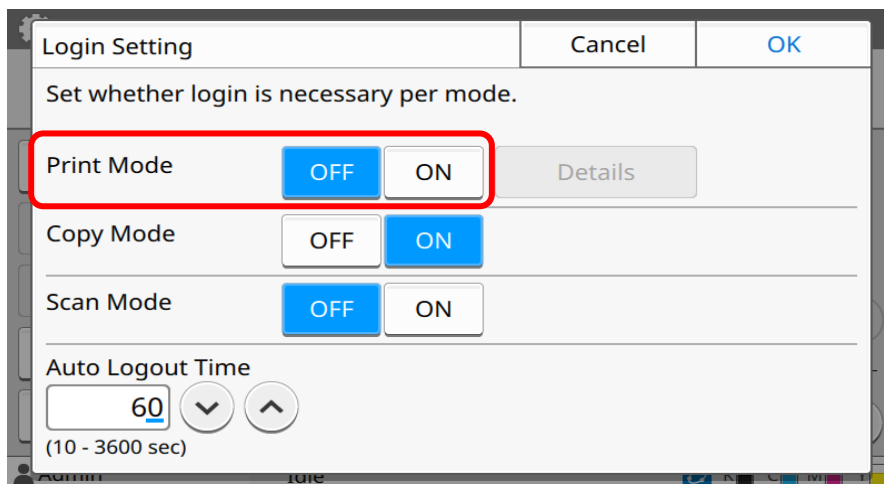
The Auto logout time can then be set from 10–3600 seconds. (default is 300sec)



## 2.5 Print release without login

To release the print job immediately after sending it from your computer workstation, you need to set Login Setting of Print Mode at RISO Printer OFF in addition to set hold/release queue unable. The details are described in “3.6 Scenario 5: Print release without login”

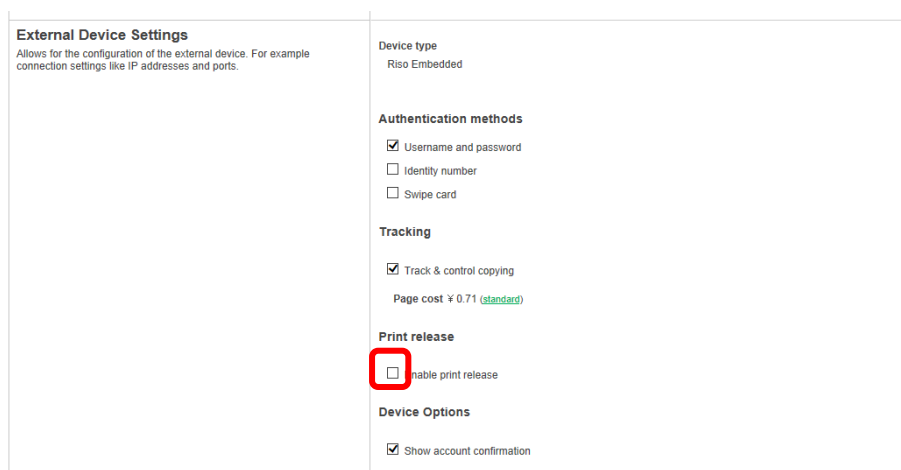
At the RISO Printer:



### Hold/release queue settings on Printers tab:



### Hold/release queue settings on Devices tab:



## 3 Post-install testing

After completing the installation and basic configuration it is recommended to perform some testing of the typical usage scenarios. This is important for two reasons:

1. To ensure that the embedded application is working as expected
2. To familiarize yourself with the features and functionality of PaperCut MF and the embedded application for the Riso Printer.

The following section outlines test scenarios that are applicable for most organisations.

### 3.1 Test preparation

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For the purpose of the test it is recommended that two test users are created so that each can be configured differently. These users are:

- ‘testusersimple’ – used to perform basic copier monitoring and control and to perform print release tests.
- ‘testuseradvanced’ – used to perform copier monitoring and control with account selection enabled (i.e. to charge copying to accounts/departments/cost centres/etc).

To add these users in PaperCut MF:

1. Create the ‘testusersimple’ and ‘testuseradvanced’ users in your Active Directory or LDAP directory.
2. Log into the PaperCut MF’s Admin web interface
3. Go to the ‘Options - >User/Group sync’ page and press ‘Synchronize Now’.
4. Once the sync is complete, the users will be added to PaperCut MF.

The next step is to configure the users.

To configure ‘testusersimple’:

1. In PaperCut MF, select the ‘Users’ tab
2. Select the ‘testusersimple’ user in the user list.

- Set the user's balance to \$ 50.00 and verify the account is set to "Restricted".

<p><b>Account Details</b></p> <p>To set the user's balance enter the value here. To adjust the amount, select the 'adjust' link. Making the user 'restricted' means that they will not be able to print when their account has no credit.</p>	<p>Balance</p> <p><input type="text" value="\$50.00"/> <a href="#">(adjust)</a></p> <p><input checked="" type="checkbox"/> Restricted</p> <p>Overdraft</p> <p><input type="text" value="Use default overdraft (\$0.00)"/> ▼</p>
---	---

- Verify that this user is set to "Automatically charge to personal account" in the "Account selection" options.

<p><b>Account Selection</b></p> <p>Account selection can be used to allow the user to select what account is charged, or even to confirm print jobs before they are sent to the printer. These options require running the user client tool on workstations.</p>	<p>Print account selection</p> <p><input type="text" value="Automatically charge to personal account"/> ▼</p>
--	---

- Press the 'Apply' button to save.

To configure 'testuseradvanced':

- In PaperCut MF, select the "Users" tab
- Select the 'testuseradvanced' user.
- Change the "Print Account Selection" option to "Show Standard account selection popup" and enable the account selection options.

<p><b>Account Selection</b></p> <p>Account selection can be used to allow the user to select what account is charged, or even to confirm print jobs before they are sent to the printer. These options require running the user client tool on workstations.</p>	<p>Print account selection</p> <p><input type="text" value="Show the standard account selection popup"/> ▼</p> <div style="border: 1px solid yellow; padding: 5px; margin-bottom: 5px;"> <p>⚠ This setting requires this user to run the client software at all times.</p> </div> <div style="border: 1px solid yellow; padding: 5px;"> <p>⚠ Consider using the advanced popup if users require advanced features.</p> </div> <p><b>Information to show in popup</b></p> <p><input checked="" type="checkbox"/> Allow user to charge to their personal account</p> <p><input checked="" type="checkbox"/> Allow user to select shared accounts (from list)</p> <p><input checked="" type="checkbox"/> Allow user to select shared accounts (using PIN/code)</p> <p><input type="checkbox"/> Allow user to perform printing as another user</p> <p><b>Default shared account</b></p> <p><input type="text"/></p> <p><small>(This account is pre-selected for fast access)</small></p> <p><b>When shared account is selected</b></p> <p><input checked="" type="radio"/> Charge shared account</p> <p><input type="radio"/> Charge personal account (and allocate to shared account for reporting)</p>
--	--

- Select 'Apply' to save.


The next setup is to create an Account for use by testuseradvanced.

1. Select the 'Accounts' Tab and click on the 'Create new Account...' from the action link on the left.
2. Enter an account name of "Test Account 1" and press Apply.

<b>Details &amp; Balance</b> Selected users may charge to shared accounts. The account name should be unique and descriptive. Access to the account is controlled either via a simple PIN or via group level control as defined under the Security tab.	<b>Account Name</b> <input type="text" value="Test Account1"/> <b>Sub Account of</b> NONE (this is a top level account) <input type="button" value="Change"/>
---	--

3. Select the Security Tab and allow 'testuseradvanced' access to the account by adding the user to the User list.

Details Adjustments & Charges **Security** Transactions Job Log

 **Control access to this account:**  
Allow the following users and groups to access this account.  
Access rules apply to selection from list. ([change](#))

**Groups:**  
 [All Users]

**Users:**  
No users selected

*NB: The following pages are available to confirm the user's balance on the panel of the RISO printer .*

- X1 series  
⇒ 'Copy' -> 'Functions' -> 'Check amount'
- FW series  
⇒ 'System Info' -> 'User Info' -> 'View Balance'

### 3.2 Scenario 1: Standard copying

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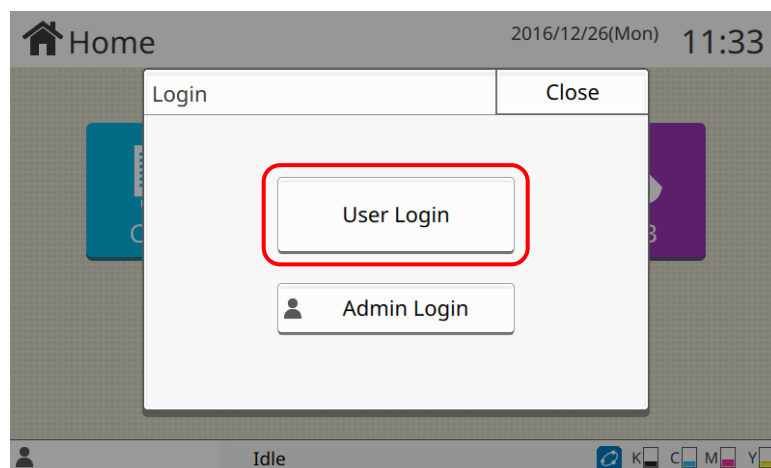
Standard copying involves monitoring/charging printing to a user's personal account. This is most commonly used for student printing or basic staff monitoring. Users can also be configured for unrestricted printing, which is commonly used for staff/employee use.

At the RISO Printer:

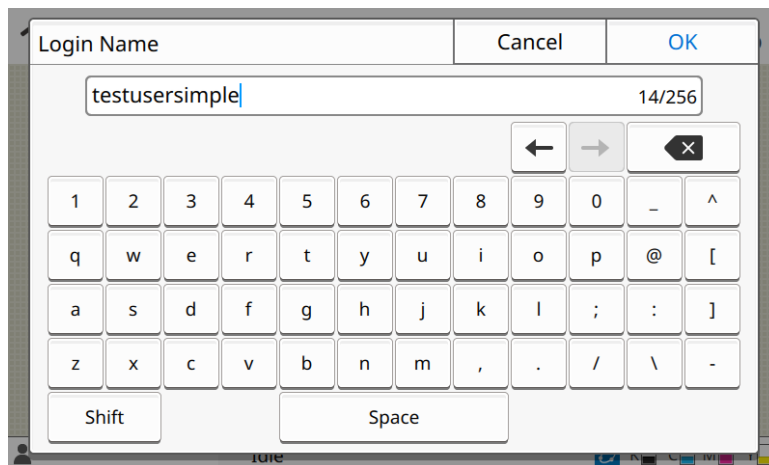
1. The RISO Printer should be showing the screen as shown below.



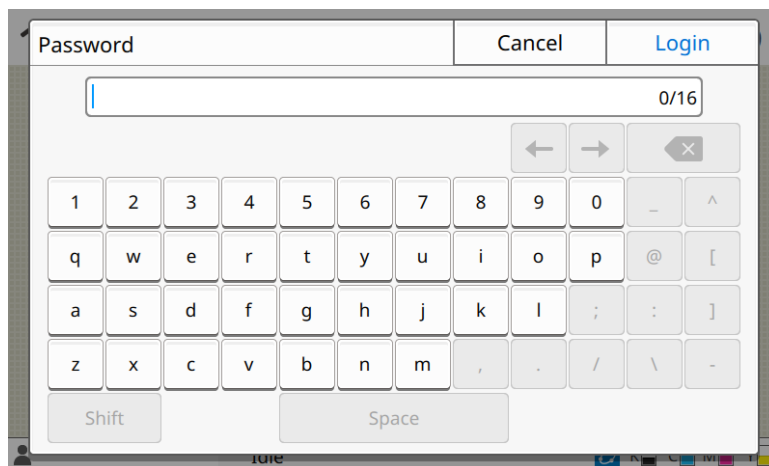
2. Press the Copy button.
3. Select 'User Login'.



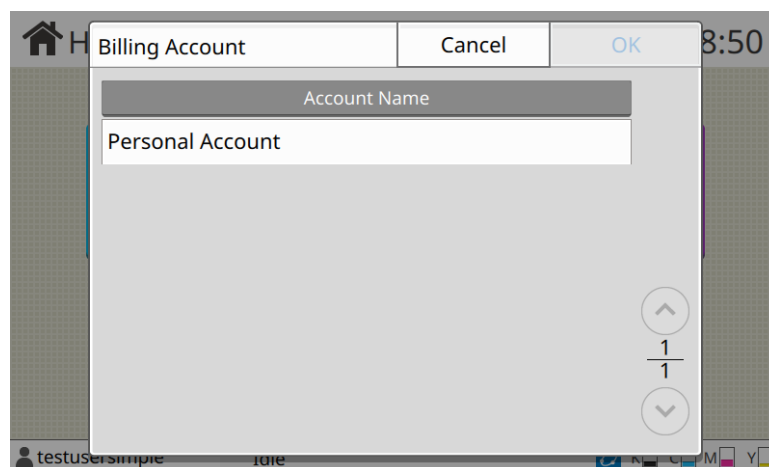
4. Enter 'testusersimple' as the Login Name and press OK.



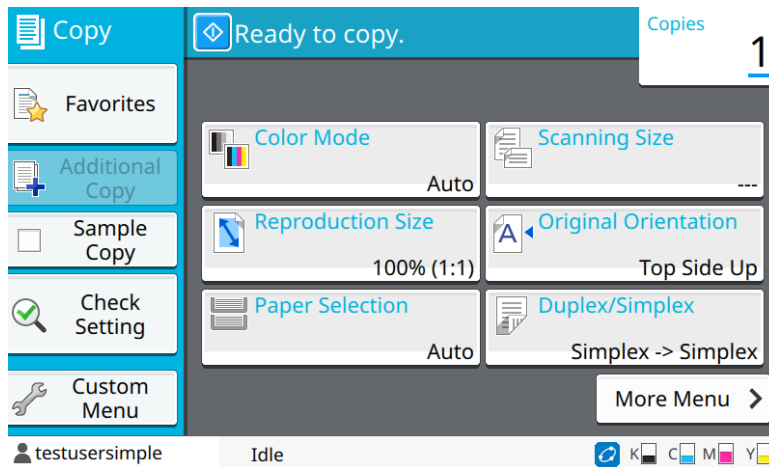
5. Enter the user's password and press OK.



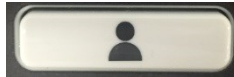
6. You will be prompted with the Billing account selection.
7. Choose 'Personal Account' and press OK to continue.



- The copy mode screen is now displayed.
- Perform various test copies (mono & colour) to check the functionality of the Riso embedded application.



- When you have finished press the Logout button.



The next step is to verify the copier activity was correctly recorded against the user's account.

- Login into PaperCut MF as an administrator
- Select the RISO Printer from the 'Devices' tab.
- Select the 'Job log' tab to view the recent copying activity of the RISO Printer.

Date	User	Charged To	Pages	Cost	Document Name	Attribs.	Status
Nov 10, 2016 10:33:35 AM	testusersimple	testusersimple	1 (Color: 0)	\$0.34	[copying]	A4 (ISO_A4) Duplex: No Grayscale: Yes	Printed [refund] [edit]
Nov 10, 2016 10:33:01 AM	testuseradvanced	TestAccount1	1 (Color: 0)	\$0.34	[copying]	A4 (ISO_A4) Duplex: No Grayscale: Yes	Printed [refund] [edit]

- Verify the details of the test copy jobs that were performed earlier are correct.



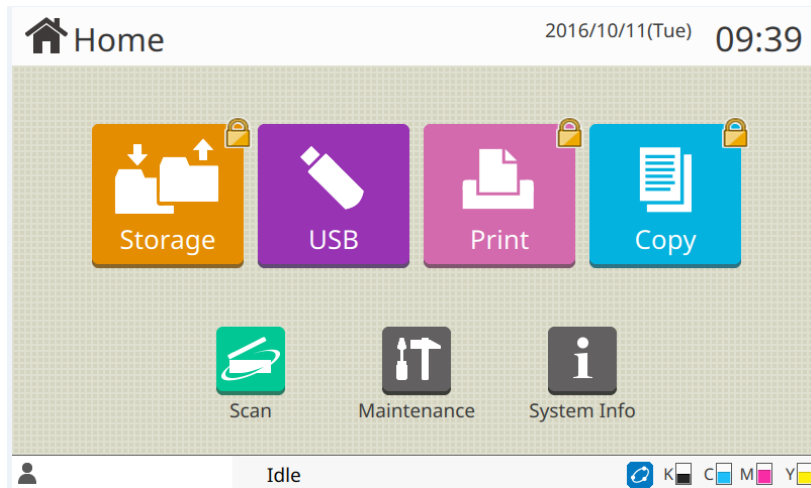
### 3.3 Scenario 2: Copying with account selection

---

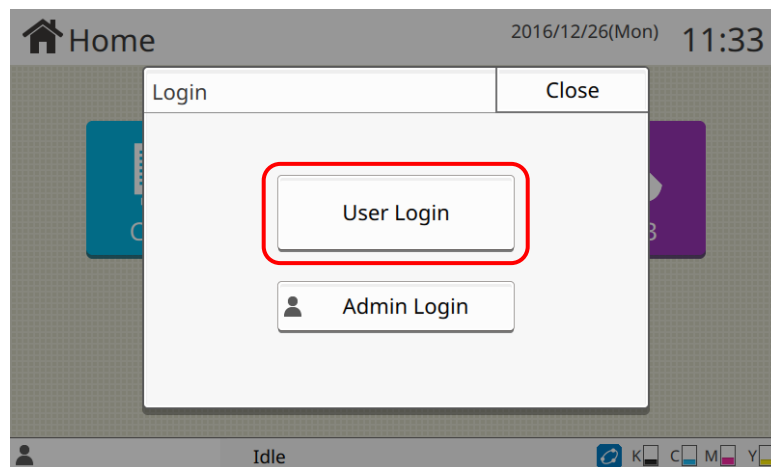
You can charge the copy either to a Shared Account , which is used for monitoring/ charging printing to a class or division, or your personal account.

At the RISO Printer:

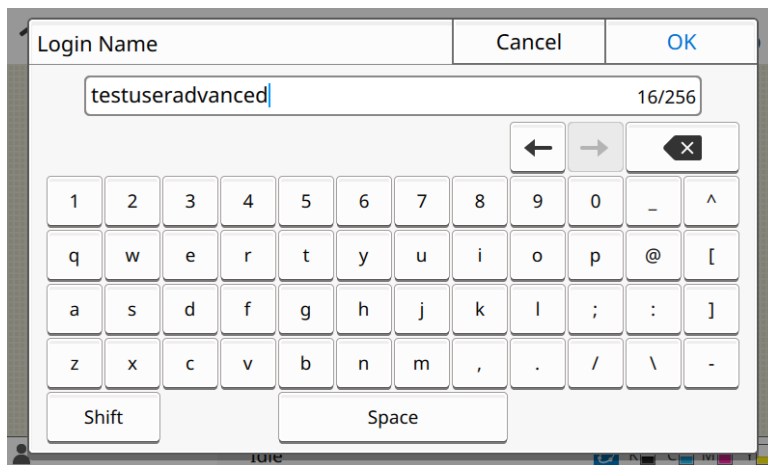
1. The RISO Printer should be showing the screen as shown below.



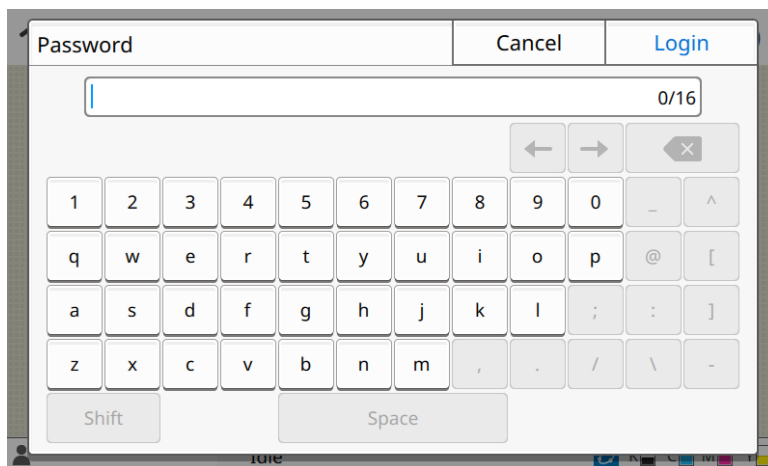
2. Press the Copy button.
3. Select 'User Login'.



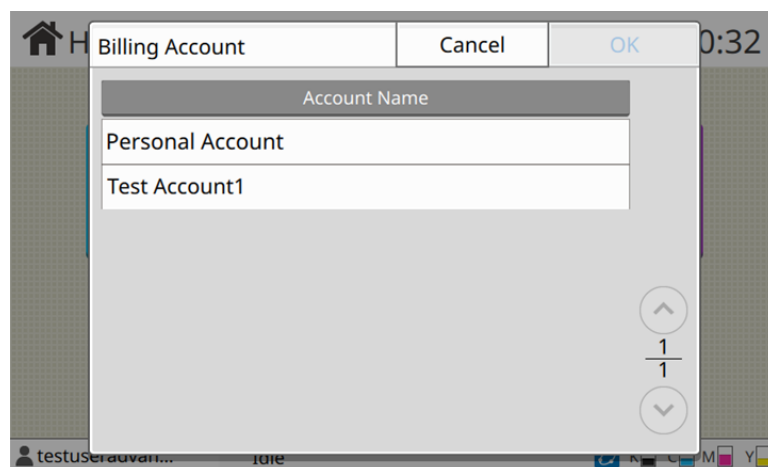
4. Enter 'testuseradvanced' as the Login Name and press OK.



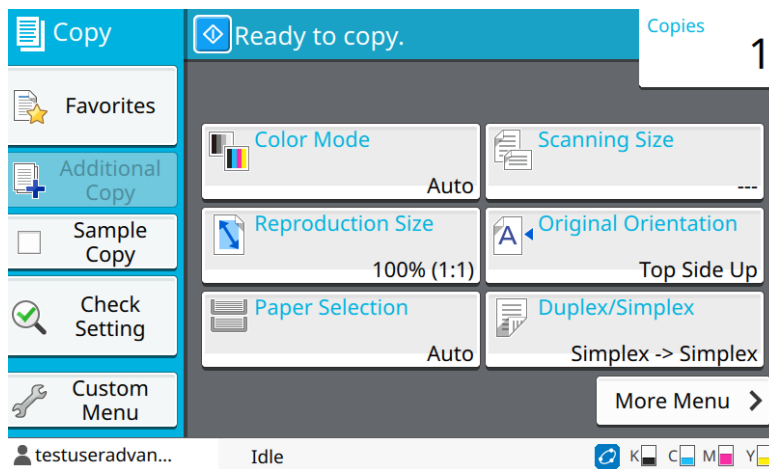
5. Enter the user's password and press OK.



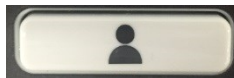
6. You will be prompted with the Billing account selection.
7. Choose 'Test Account1' and press OK to continue.



8. The copy mode screen is now displayed.
9. Perform various test copies (mono & colour) to check the functionality of the Riso embedded application.



10. When you have finished press the Logout button.



The next step is to verify the copier activity was correctly recorded against the Shared Account.

1. Login into PaperCut MF as an administrator
2. Select the RISO Printer from the 'Devices' tab.
3. Select the 'Job log' tab to view the recent copying activity of the RISO Printer.

Date	User	Charged To	Pages	Cost	Document Name	Attribs.	Status
Nov 10, 2016 10:33:35 AM	testusersimple	testusersimple	1 (Color: 0)	\$0.34	[copying]	A4 (ISO_A4) Duplex: No Grayscale: Yes	Printed [refund] [edit]
Nov 10, 2016 10:33:01 AM	testuseradvanced	Test Account1	1 (Color: 0)	\$0.34	[copying]	A4 (ISO_A4) Duplex: No Grayscale: Yes	Printed [refund] [edit]

4. Click 'Test Account1' in the 'Charged To' column and verify that the copy job(s) were charged correctly in the 'Details' page.

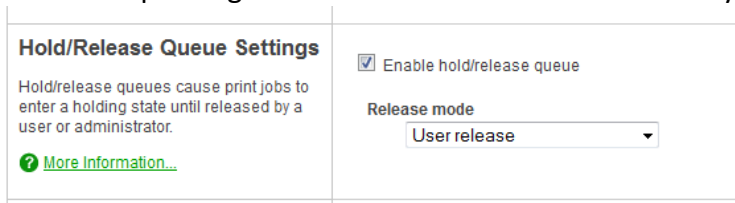
### 3.4 Scenario 3: Print release with RISO Printer panel

---

The operation panel of the RISO Printer can be used for print release. In case you want to release a job automatically when you login, set 'Automatically release user's jobs upon login' to ON. For a full description of PaperCut MF hold/release queues and release stations, please read the PaperCut MF manual.

Hold/release queue settings on 'Printers' tab:

1. Login to PaperCut MF as Admin and select the 'Printers' tab.
2. Select the print queue for the RISO Printer that will be used for testing.
3. Scroll down to the Hold/Release Queue Settings section and tick the 'Enable hold/releasequeue' option.
4. Press OK or Apply to save. All printing will now be held until it is released by a user.



<b>Hold/Release Queue Settings</b> Hold/release queues cause print jobs to enter a holding state until released by a user or administrator. <a href="#">More Information...</a>	<input checked="" type="checkbox"/> Enable hold/release queue Release mode User release
---	---

Hold/release queue settings on 'Devices' tab:

1. Select the 'Devices' tab
2. Select the RISO Printer.
3. Navigate to the 'External Device Settings' section and tick 'Enable print release'.
4. Select the RISO Printer to enable for hold/release.
5. **Keep 'Automatically release user's jobs upon login' off.**  
*NB: If you want to release job automatically when you login ,tick it.*

Enable print release

Displays jobs for release from the selected queues

Filter printer/device groups...

- pc002234\4F Showroom FW5230
- pc002234\4F Showroom FW5230 PS
- pc002234\4F RISO ORPHIS FW5230
- pc002234\4F RISO ORPHIS FW5230 PS
- pc002234\4F ShowRoom CC with Mailer
- pc002234\4F RISO ORPHIS FW5230

Enable find me printing support

Users have permission to:

release their own print jobs

Automatically release user's jobs upon login

6. Leave the other settings as they are and then press OK or Apply to save the settings.

Printing test:

1. Login to a computer workstations as 'testusersimple'.
2. Print a series of test jobs to the RISO Printer print queue configured in the previous steps. All the prints should be held in the hold/release queue.
3. To confirm that all the jobs are held, select 'Printers->Jobs Pending Release' from the PaperCutMF Admin interface.
4. In the list of jobs confirm the user name is 'testusersimple'.

Submit Time	Printer	User	Document	Client	Pages	Cost	Action
Nov 15, 2016 5:04:29 PM	pc002234\4F RISO ORPHIS FW5230	testusersimple	Microsoft Word - 文書 1	PC002234	1	\$1.00	<a href="#">Print</a> <a href="#">Cancel</a> <a href="#">Override</a>
Nov 15, 2016 5:04:29 PM	pc002234\4F RISO ORPHIS FW5230	testusersimple	Microsoft Word - 文書 1	PC002234	1	\$1.00	<a href="#">Print</a> <a href="#">Cancel</a> <a href="#">Override</a>

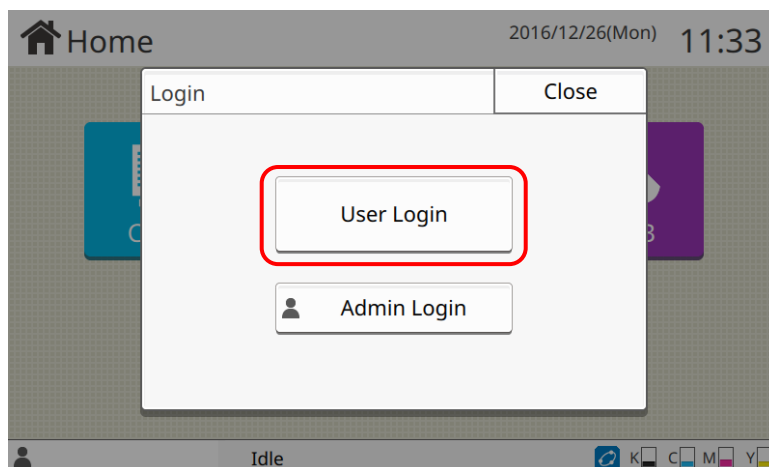
Print job release:

At the RISO Printer:

1. On the home screen press the Printer button.

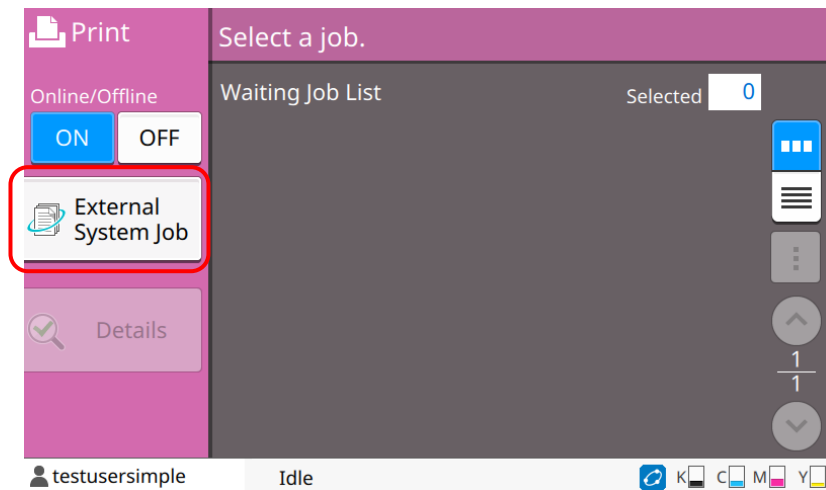


2. Select 'User Login'.

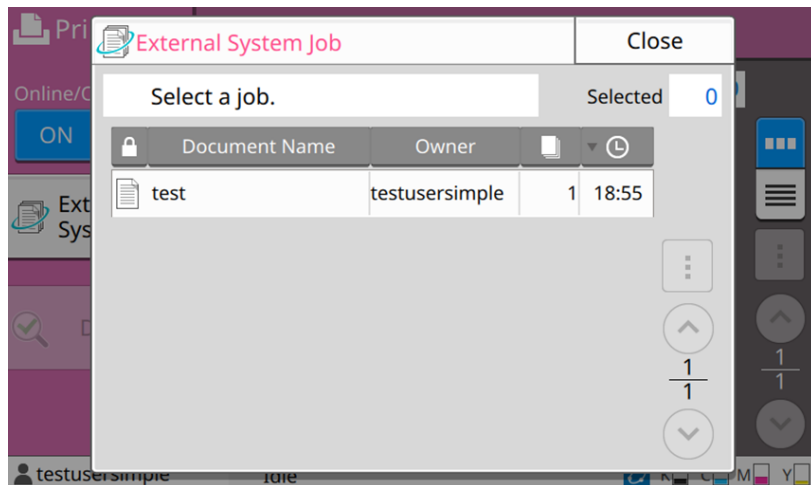


3. Login as 'testusersimple'.

4. Select 'External System job'



5. The jobs on hold are shown in the list.



6. Select a print job and press 'Print'.

7. Confirm the correct job was printed.

### 3.5 Scenario 4: Print release with IC card

You can release print job by IC card authentication. In case you want to release job automatically when you login, set 'Automatically release user's jobs upon login' to ON.

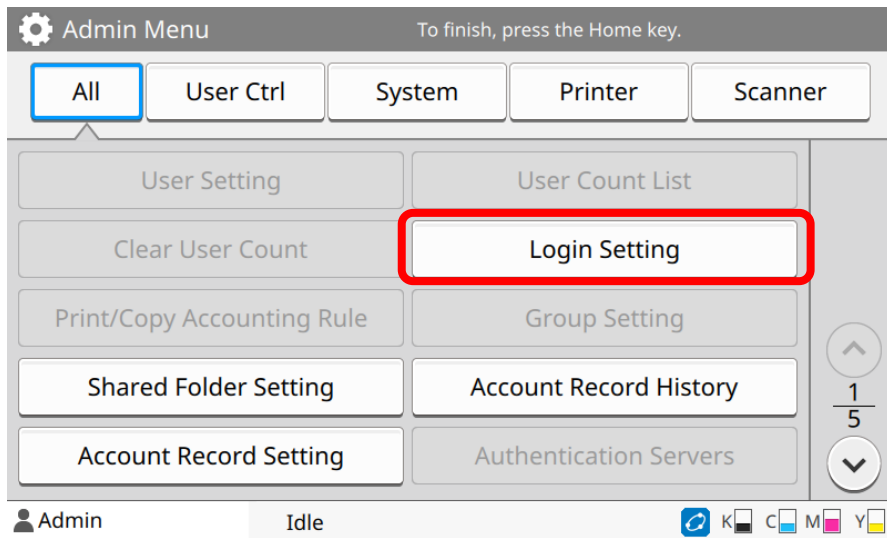
If you set 'Automatically release user's jobs upon login' to OFF, you need to select the job to release in Scenario 3.

Installation of RISO IC Card Authentication kit II

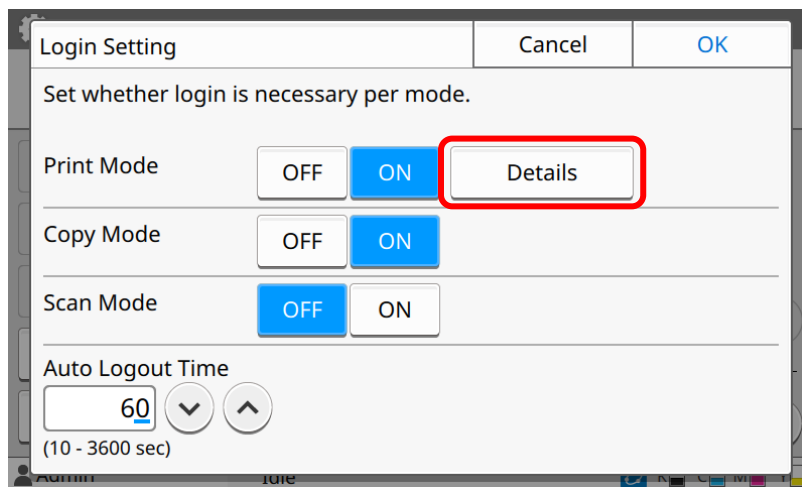
Install RISO IC Card Authentication kit II with referring installation procedure guide.

At the RISO Printer

1. Login as Admin and open 'Login Setting'.

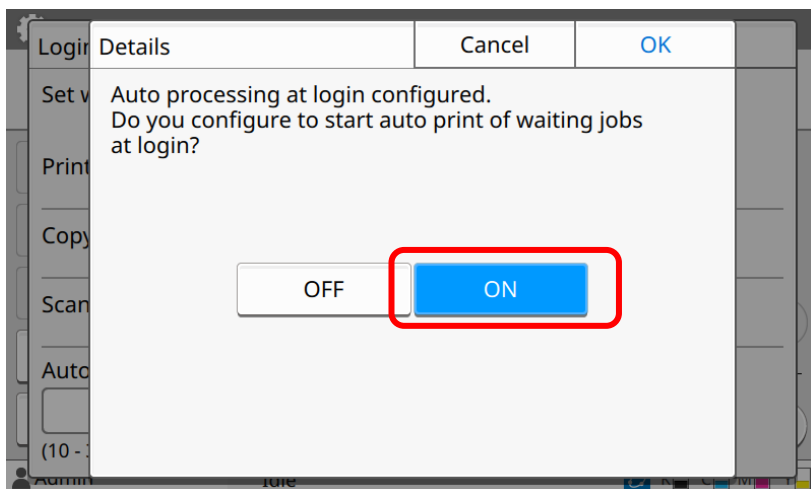


2. Press 'Details'.





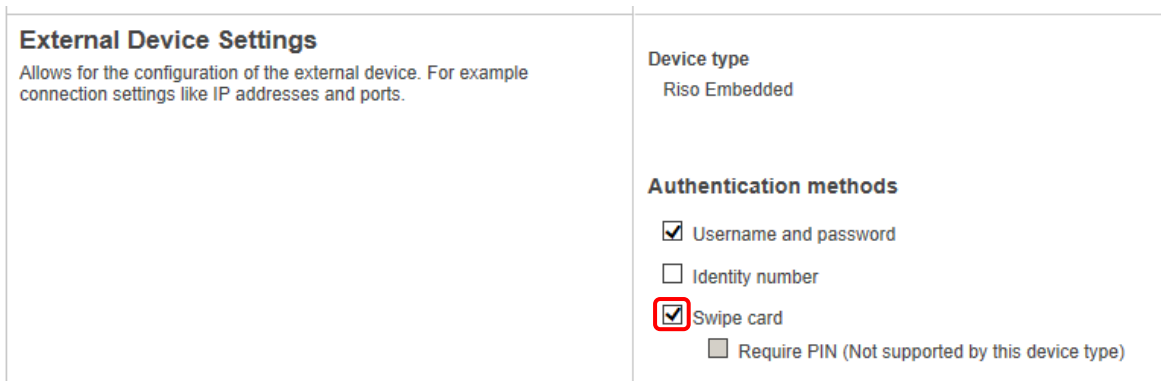
3. Select 'ON' and press OK.



### IC card registration

Once 'External System Link' is set to On, the RISO Printer does not manage user information. You cannot register IC card on the operation panel of the RISO Printer. Register IC card on PaperCut MF.

1. Login PaperCut MF as Admin.
2. Open Device Details of 'RISO Embedded'.
3. Set Authentication method to 'Swipe card'.



- If IC card number does not exist on your AD server, open the user on 'User' tab and set manually the IC card number for each user into PaperCut MF.

<p><b>Other Details</b></p> <p>Provides additional information about the user, like their office, department and identity numbers. Notes are private and only visible to other administrators.</p>	<p><b>Department</b></p> <input type="text"/> <p style="text-align: right;"><a href="#">View/edit history</a></p> <p><b>Office</b></p> <input type="text"/> <p style="text-align: right;"><a href="#">View/edit history</a></p> <p><b>Card/Identity Numbers</b></p> <p>Primary <input type="text" value="123412341234"/></p> <p>Secondary <input type="text"/></p> <p><b>Card/ID PIN (digits only)</b></p> <input type="text"/>
--	---

Hold/release queue settings on Printers tab:

- Login to PaperCut MF as Admin and select the 'Printers' tab.
- Select the print queue for the RISO Printer that will be used for testing.
- Scroll down to the Hold/Release Queue Settings section and tick the 'Enable hold/release queue' option.

<p><b>Hold/Release Queue Settings</b></p> <p>Hold/release queues cause print jobs to enter a holding state until released by a user or administrator.</p> <p><a href="#">? More Information...</a></p>	<p><input checked="" type="checkbox"/> Enable hold/release queue</p> <p><b>Release mode</b></p> <p><input type="text" value="User release"/></p>
--	--

- Press OK or Apply to save. All printing will now be held until it is released by a user.

Hold/release queue settings on Devices tab:

- Select the 'Devices' tab
- Select the RISO Printer.
- Navigate to the External Device Settings section and tick 'Enable print release'.
- Select the RISO Printer to enable for hold/release.

9. Set 'Automatically release user's jobs upon login' on.

**Print release**

Enable print release

**Displays jobs for release from the selected queues**

Filter printer/device groups...

- pc002234\F Showroom FW5230
- pc002234\F Showroom FW5230 PS
- pc002234\F RISO ORPHIS FW5230
- pc002234\F RISO ORPHIS FW5230 PS
- pc002234\F ShowRoom CC with Mailer
- pc002234\F RISO ORPHIS FW5230

Enable find me printing support

10. Leave the other settings as they are and then press OK or Apply to save the settings.

Printing test:

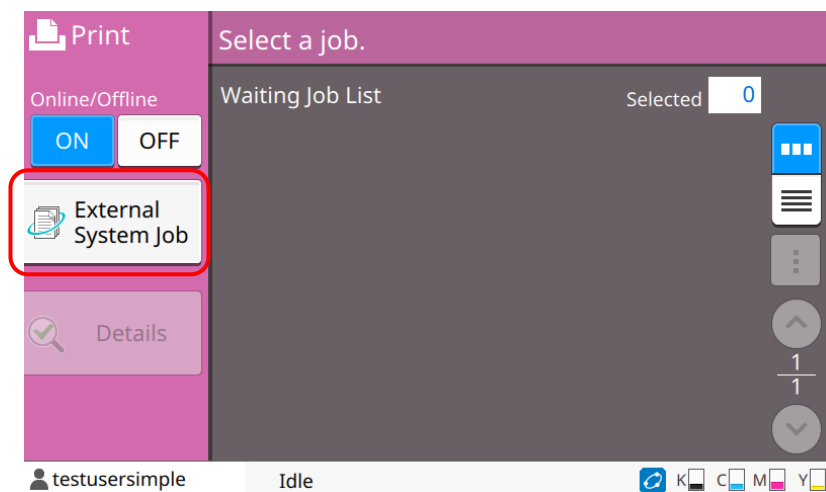
1. Login to a computer workstations as 'testusersimple'.
2. Print a series of test jobs to the RISO Printer print queue as configured in the previous steps. All the prints should be held in the hold/release queue.
3. To confirm that all the jobs are held, select 'Printers->Jobs Pending Release' from the PaperCutMF Admin interface.
4. In the list of jobs confirm the user name is 'testusersimple'.

Next step is releasing the print job.

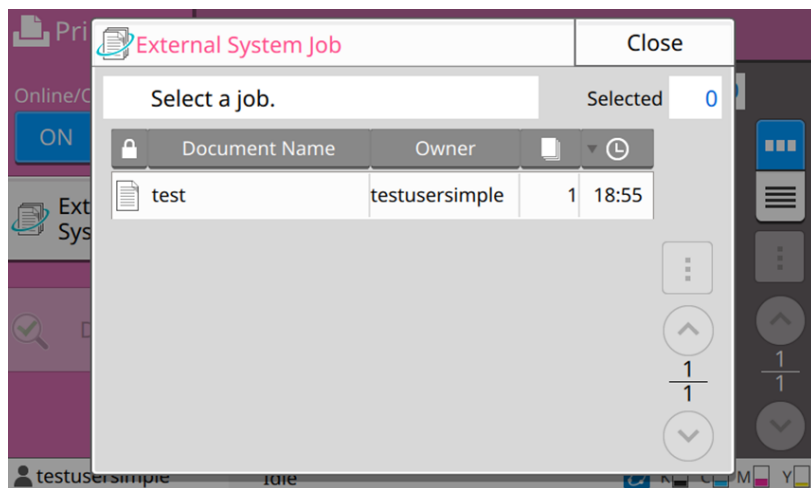
Print job release:

At the RISO Printer:

1. On the home screen, place the IC card on the IC card reader.
2. Confirm login as 'testusersimple'.
3. press the Printer button at the home screen.
4. Select 'External System job'



5. The jobs on hold are shown in the list.



6. Select a print job and press 'Print'.

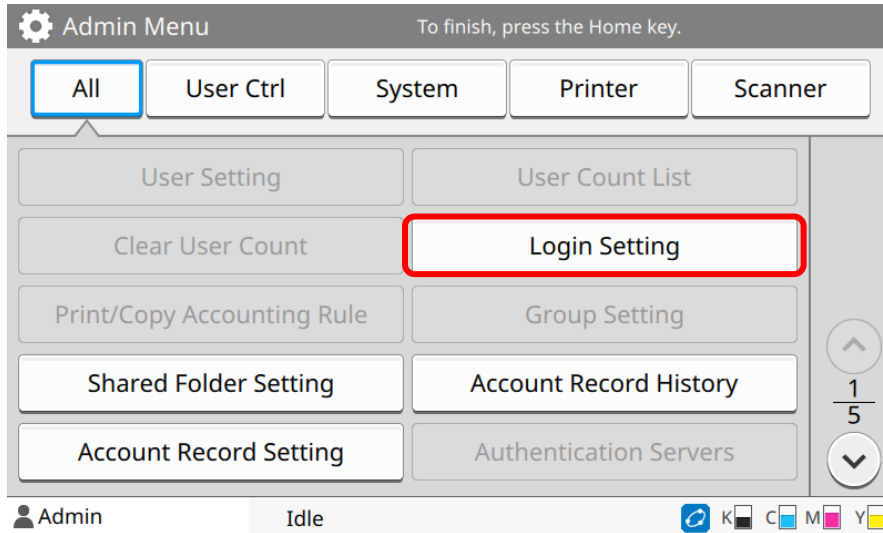
7. Confirm the correct job was printed.

### 3.6 Scenario 5: Print release without login

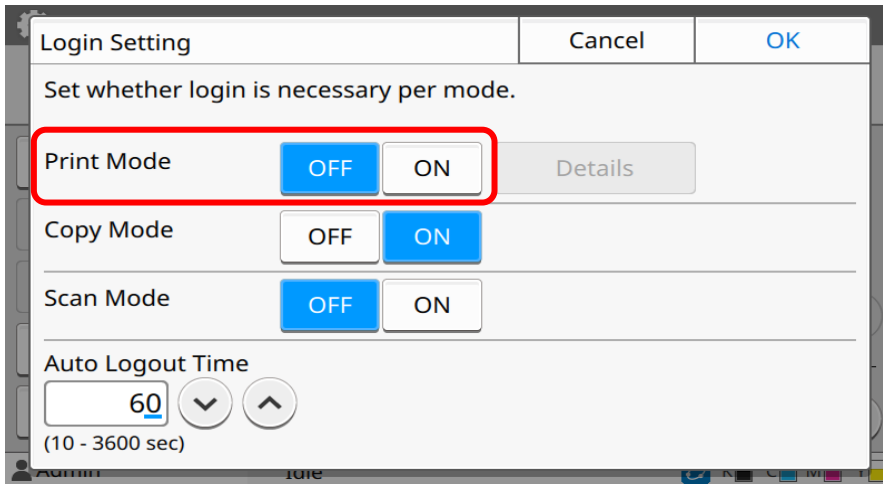
To reduce the amount of steps and save time, you can release the print job immediately after sending it from your computer workstation.

At the RISO Printer:

1. Login to the ComColor as Admin and open 'Login Setting'.



- 2 Change Print Mode from ON to OFF and press OK.



*NB:USB print and re-print are not charged in the setting of this Scenario. If you want to set them charged , follow the settings for Scenario 3 or 4. And you can set these functions off in the following pages of Admin menu.*

*USB print : 'Home Screen Customization' -> 'Display Setting' -> 'USB Save' -> 'Use'*

*Re-print : 'Finished Job Setting' -> 'Prohibit'*

### Hold/release queue settings on Printers tab:

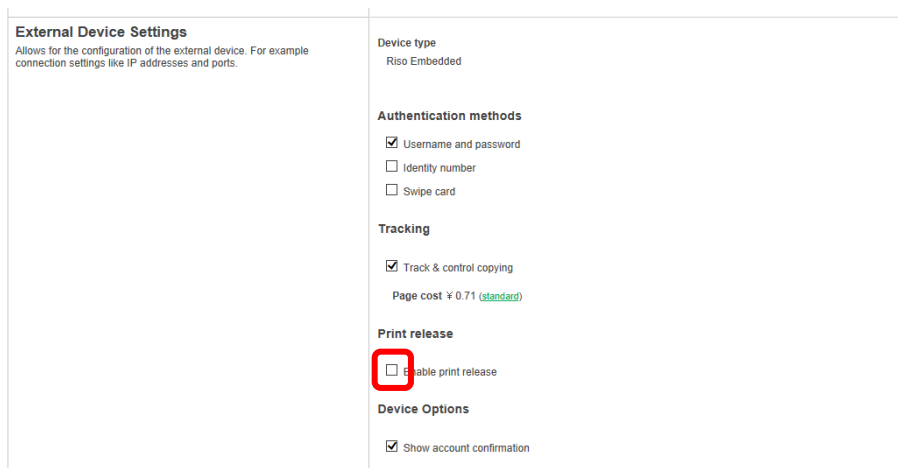
1. Login to PaperCut MF as Admin and select the **'Printers'** tab.
2. Select the print queue for the RISO Printer that will be used for testing.
3. Scroll down to the Hold/Release Queue Settings section and **untick** the **'Enable hold/release queue'** option.



4. Press **OK** or **Apply** to save.

### Hold/release queue settings on Devices tab:

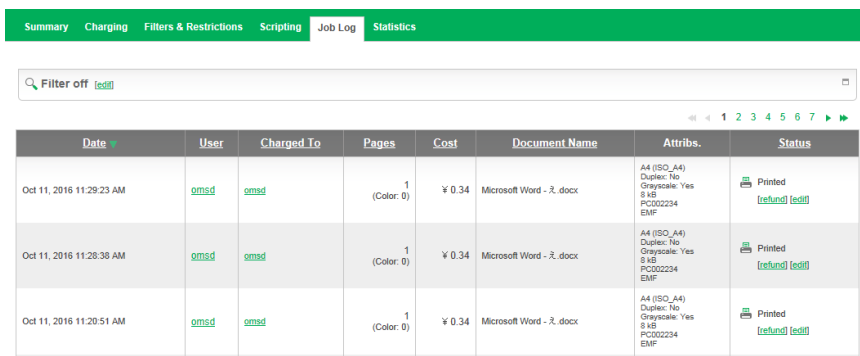
1. Select the **'Devices'** tab
2. Select the RISO Printer.
3. Navigate to the External Device Settings section and **untick** **'Enable print release'** in Print release.
4. Then press **OK** or **Apply** to save the settings.



## Printing test:

Verify that print jobs were correctly recorded after printing.

1. Login to a computer workstations as 'testusersimple
2. Print a series of test jobs and confirm the print output from the RISO Printer.
3. Login into PaperCut MF as Admin and select the 'Printers' tab
4. Select the RISO Printer which printed a series of test jobs.
5. Select the 'Job log' tab and view the recent print jobs of the RISO Printer you selected.
6. Verify the details of the test print jobs.



The screenshot shows the 'Job Log' tab in the PaperCut MF interface. The table displays three print jobs, all of which were successfully printed. Each job is a Microsoft Word document (2 pages) with a cost of ¥ 0.34. The jobs were printed on A4 (ISO\_A4) paper with the following attributes: Duplex: No, Grayscale: Yes, Sides: Sides, PC002234, and BMF.

Date	User	Charged To	Pages	Cost	Document Name	Attribs.	Status
Oct 11, 2016 11:29:23 AM	<a href="#">omsd</a>	<a href="#">omsd</a>	1 (Color: 0)	¥ 0.34	Microsoft Word - 2.docx	A4 (ISO_A4) Duplex: No Grayscale: Yes Sides: Sides PC002234 BMF	Printed <a href="#">[refund]</a> <a href="#">[edit]</a>
Oct 11, 2016 11:28:38 AM	<a href="#">omsd</a>	<a href="#">omsd</a>	1 (Color: 0)	¥ 0.34	Microsoft Word - 2.docx	A4 (ISO_A4) Duplex: No Grayscale: Yes Sides: Sides PC002234 BMF	Printed <a href="#">[refund]</a> <a href="#">[edit]</a>
Oct 11, 2016 11:20:51 AM	<a href="#">omsd</a>	<a href="#">omsd</a>	1 (Color: 0)	¥ 0.34	Microsoft Word - 2.docx	A4 (ISO_A4) Duplex: No Grayscale: Yes Sides: Sides PC002234 BMF	Printed <a href="#">[refund]</a> <a href="#">[edit]</a>

## 4 Known Issues

The PaperCut MF embedded application for the RISO Printer has some functional limitations.

### 4.1 Stopping copy halfway for lack of balance.

If there is a balance shortage, the RISO Printer will stop the copy job halfway and charge the money equivalent to the output. Be sure to confirm that the account has enough balance before copying.

### 4.2 Job charged even if it cancelled.

The print job is fully charged after starting print release even if you press the stop button on the panel of RISO printer and cancel the job. Be sure not to cancel unnecessarily.

### 4.3 No support for Color Restrictions

Restricting color printing for groups is not currently supported.

### 4.4 No support for ID number (with PIN) login

RISO Printer supports "Username and password" and "Swipe card" as a means of user login, and it does not support ID numbers for user identification.

### 4.5 No support for Integrated Scanning.

Integrated Scanning, which also includes scan tracking, is not currently supported.

### 4.6 No support for Secure communications

Secure communication between RISO Printer and PaperCut MF server on port 9192 (HTTPS) is not currently supported.

### 4.7 No support for Card self-association

Card self-association which allows a user to associate their IC card with their account through swiping a new IC card on the device and inputting the password is not currently supported. The user needs to ask the administrator to change his authentication card (For managing card/ID numbers, see the PaperCut MF user manual).



## 4.8 No support for Account Confirmation setting

The option of 'displaying the account confirmation page' which shows the account information including the name and the balance after 'account selection' page is not currently supported.

## 4.9 Limited support for shared Account

The following options of shared Account are not currently supported on the panel of the RISO Printer.

And only a maximum of 100 accounts are shown on the panel of the RISO Printer.

- Search and Code
- Shared account invoicing options
- Default account

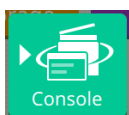
## 4.10 Limited login to RISO Console

RISO Console is available to everyone even if RISO Printer is connected to PaperCut MF server, but the functions which require the user login will be limited only for Admin authority.

## 4.11 Limited function for Scan mode

The following operations & limitations for scan mode occur when a RISO Printer is connected to PaperCut embedded.

Access to all scan functions is restricted by means of enabling Login Setting for Scan mode [ON].



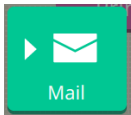
### Scan to Console (HDD)

Jobs are held on the internal storage of the RISO printer. Scan jobs are stored under a user account at the time of scanning.

**Login setting for Scan mode [ON]** - When PaperCut embedded is enabled on the RISO Printer, there are no internal user accounts (except for Admin). User authentication is performed against external user accounts.

Only internal user accounts can access the web Console (HDD) internal storage area. It is not possible to login to the web Console as an external user to retrieve the scan jobs. Only Admin can access the web Console.

**Login Setting for Scan mode [OFF]** - All scan jobs are held on the internal storage of the RISO Printer under a common user account (Owner). Access to the Console (HDD) internal storage area is open to un-authenticated users (public access). All users connecting to the web Console can view & download all scan jobs.

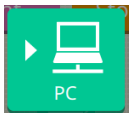


### Scan to email

An email address list is created & maintained by Admin, the lists is stored internally on the RISO Printer.

**Login setting for Scan mode [ON]** - Only authenticated users (external accounts) will have access to the email address list. If granted permission by Admin, users can create & add storage locations to the destination list.

**Login Setting for Scan mode [OFF]** – All users will have access to the email address list. If granted permission by Admin, users can create & add storage locations to the destination list.



### Scan to PC

A list of PC storage destinations is created & maintained by Admin, the list is stored internally on the RISO Printer.

**Login setting for Scan mode [ON]** – Only authenticated users (external accounts) will have access to the storage destination list. If granted permission by Admin, users can create & add storage locations to the destination list.

**Login Setting for Scan mode [OFF]** – All users will have access to the destination address list. If granted permission by Admin, users can create & add storage locations to the destination list.

## 4.12 Interface

RISO Printer interface options are limited as follows when the RISO Printer is connected to PaperCut MF server.

- For FW series, there is no “select all jobs” button on the print release screen.
- For FW series, the "External System job" must be pressed to access print jobs pending release from the PaperCut MF Server.
- For FW series, the print job details page doesn't show the total page count.
- The Billing Screen appears even when an automatically charge to Personal Account or Default Shared Account has already been assigned to the user's profile. Please ignore it and press the button of the account on the screen to progress to the next step.

## 4.13 Monitoring / Charging

RISO Printers have the following limitations for monitoring/charging.

- USB print can print the data when a USB memory is inserted in the RISO Printer and is charged and logged as 'Copy job' on the PaperCut MF server.
- Slip sheets are not charged.
- . Blank pages are not printed with the setting of 'Blank page detection', but they are charged.
- The mono-cyan and mono-magenta jobs are charged as 'Color'.
- Print jobs which include multiple page sizes are charged according to the output size of the first page for all pages.

## 4.14 Printer drivers which are subject to monitoring/charging

Only the printer drivers which are associated with PaperCut MF are subject to monitoring/charging. It is recommended that only these drivers are enable to be used by network communication control.

(e.x 'IP Address Limiting' in the RISO Printer)

## 5 FAQ & Trouble shooting

### 5.1 What is the IP address of my PaperCut MF Server?

Use operating system command-line tools such as ipconfig or ifconfig to determine this.

### 5.2 I have thousands of Shared Accounts representing my clients. Will the system handle this?

No, the RISO Printer can only display a maximum of 100 Shared Accounts.

### 5.3 The panel shows “Information may not be sent ...”?

This indicates that the RISO Printer is unable to connect to the PaperCut MF server over the network. The embedded application will continually try to connect to the server, so if there is a temporary network outage it will start working once the connection is available again.

Common causes of this problem are:

- The PaperCut MF application server is not running.
- There are firewalls or a network routing configuration that is stopping the network connection from being established. Check firewalls on the PaperCut MF server or with your network administrator.
- There is a network outage that is stopping the connection being established. Try accessing the web interface of the RISO Printer to check that a network connection can be established.
- The PaperCut MF server IP was not set correctly.

### 5.4 Copy Jobs are not tracked in PaperCut MF?

Have you enabled device job logging?

Confirm that the appropriate job type is being tracked within PaperCut MF on the device details page.

### 5.5 I don't know how to confirm the balance of the login user.

The following pages are available to confirm the user's balance on the panel of the RISO printer .

- *X1 series*  
⇒ 'Copy' -> 'Functions' -> 'Check amount'
- *FW series*  
⇒ 'System Info' -> 'User Info' -> 'View Balance'