



Payment kiosk by
coins or bank cards for
prints, copies and scans
in self-service

User's manual
v.1.6.0

CMprint



≧ SAFETY ≦

This CARTADIS product and supplies are manufactured and certified to strict safety regulations, electromagnetic regulations and established environmental standards.

≧ WARNING! ≦

Any unauthorised alteration, which may include the addition of new functions or connection of external devices, may impact the product certification. Please contact your CARTADIS representative for more information.

⇒ Warning markings

All warning instructions marked on or supplied with the product should be followed.

⇒ Electrical supply

This product shall be operated from the type of electrical supply indicated on the product's data plate label. If you are not sure that your electrical supply meets the requirements, please consult your local power company for advice.

To disconnect all electrical power to the product, the disconnect device is the power cord. Remove the plug from the electrical outlet.



⇒ Operator accessible areas

This product has been designed to restrict operator access to safe areas only. Operator access to hazardous areas is restricted with covers or guards which would have to be removed using a tool. Never remove these covers or guards.

⇒ Maintenance

Any operator product maintenance procedure will be described in the user documentation supplied with the product. Do not carry out any maintenance on the product which is not described in the customer documentation.

⇒ Cleaning your product

Before cleaning this product, unplug the product from the electrical outlet. Always use materials specifically designated for this product. The use of other materials may result in poor performance and may create a hazardous situation. Do not use aerosol cleaners; they may be flammable under certain circumstances.

***For more information on Environment, Health and safety in relation to this CARTADIS product and supplies, please contact the following customer help lines:
Europe: +33 1 48 77 40 60.***



The CE mark applied to this product symbolises CARTADIS declaration of conformity with the following applicable European Union Directives as of the dates indicated:

⇒ January 1, 1995:

Council directive 73/23/EEC, amended by Council Directive 93/68/EEC, approximation of the laws of the member states related to low voltage equipment.

⇒ January 1, 1996:

Council directive 89/336/EEC, approximation of the laws of the member states related to electromagnetic compatibility.

A full declaration of conformity, defining the relevant directives and referenced standards, can be obtained from your CARTADIS representative.

≧ WARNING! ≦

In order to allow this equipment to operate in proximity to Industrial, Scientific and Medical (ISM) equipment, the external radiation from the ISM equipment may have to be limited or special mitigation measures taken.

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1 Introduction

The **CMprint** enables self-service payment for printing, copying and scanning, with payment by coin or credit card. It is compatible with most printers and MFPs.

The payment methods available depend on the options you choose when you place your order. In the following document, we'll use the terms **CMprint** or **coin mechanism** indifferently.

The main customer operations with the CMprint are:

- Copy
 - In cash, inserting coins displays the credit on the screen.
 - By bank card, after having selected the information of the job to be carried out, the amount of the transaction is evaluated.
Once validated, the user presents their bank card to pay for their copy credit which is displayed on the screen.
- USB print
 - Inserting the USB key at the bottom of the touch screen to enable selecting files and pages, as well as printing parameters (format, black & white or colour, number of copies), and document preview.
 - In cash, the credit must be equal to or greater than the selection.
 - By credit card, the user presents their credit card to pay for prints.
- Email printing through **PrinterKiosk**
 - If the operator has subscribed to the **PrinterKiosk** option, the following function is available:
The user sends one or more documents by e-mail and receives in return an e-mail indicating a print code.
On the MFP, the user enters his print code and is invited to select the options for the document to be printed (format, black & white or colour, number of copies), and can then pay in cash or by credit card.

- Scan (*this requires the MFP to be AirScan (eSCL) compatible*)
 - Load the document on the MFP glass or into the document feeder (depending on the scanner configuration), and the preview of scanned documents will be displayed on the CMprint screen.

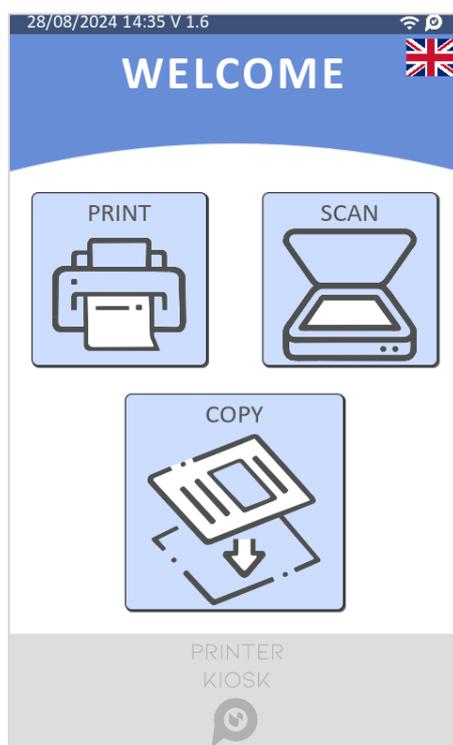
 - The user can then pay for their documents using cash or a bank card. After payment, the documents will be transferred to the USB stick (scan-to-USB option) or downloaded to the smartphone by scanning a QR Code (scan-to-smartphone option).

2 Customer journey

2.1 Home screen

From this page, three buttons give access to CMprint main features (the buttons can be disabled in the administration menu):

- “COPY button” is dedicated for copy features
- “PRINT button” is dedicated for printing features (USB Print and **PrinterKiosk** printing).
- “SCAN button” is dedicated for scanning features (Scan-to-USB and Scan-to-Smartphone).



At the top right side, a “flag button” is displayed (the displayed flags correspond to the available languages of CMprint). Clicking on this “flag button” moves to the language selection page:

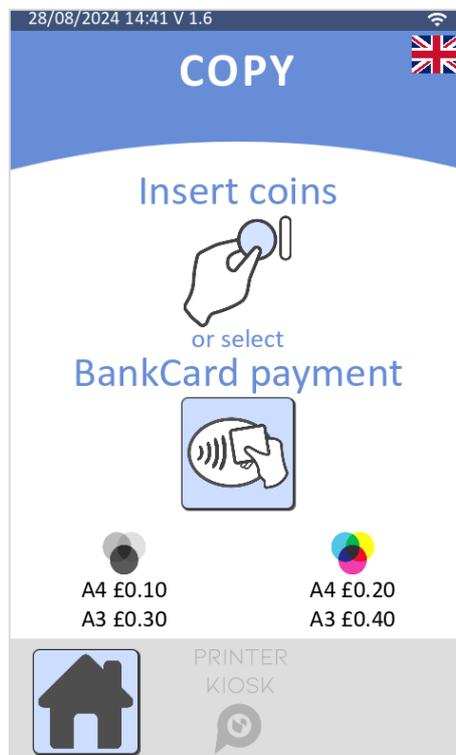


Users can choose the language by clicking on the corresponding flag.

From the home screen, users can also insert coins. CMprint displays the copy menu upon coin insertion.

2.2 Photocopy

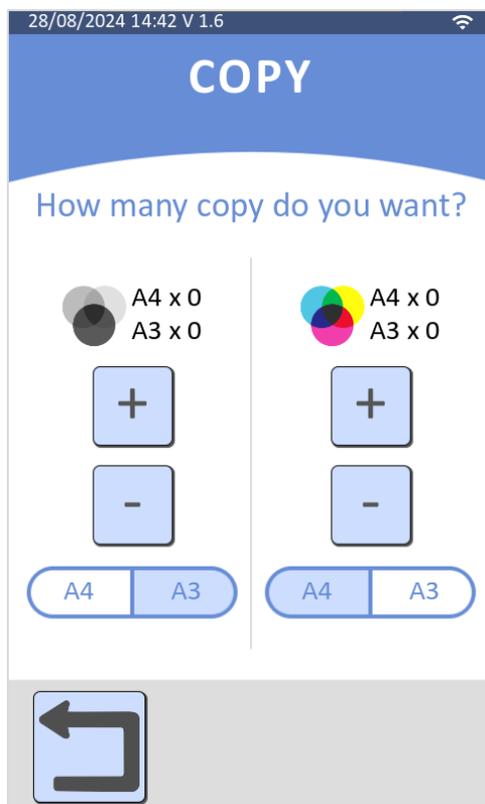
The PHOTOCOPY menu allows you to pay for selected copies from the MFP interface.



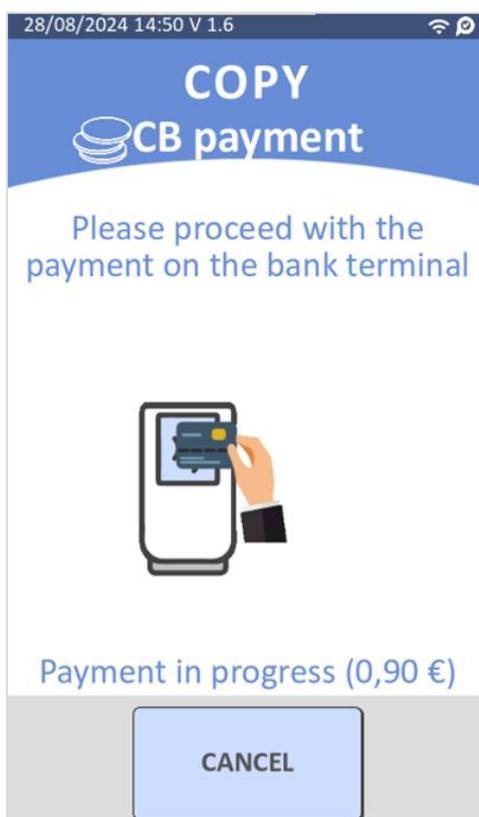
To release copies on the MFP, users must add credit on the CMprint by using the available means of payments:

- For a cash payment, by inserting coins (if this option is available)

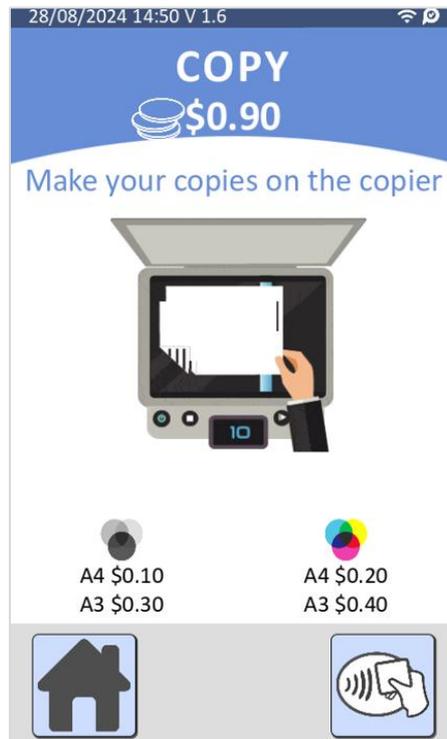
- For a bank card payment (if this option is available), by following the steps below:
 - Select the “Bank Card payment button”,
 - Select the number of pages to copy.



- Click on the basket.
- Pay on the bank terminal.



If there is enough credit, the MFP is ready to make copies and the following screen is displayed:



The user's credit will be debited depending on its use.

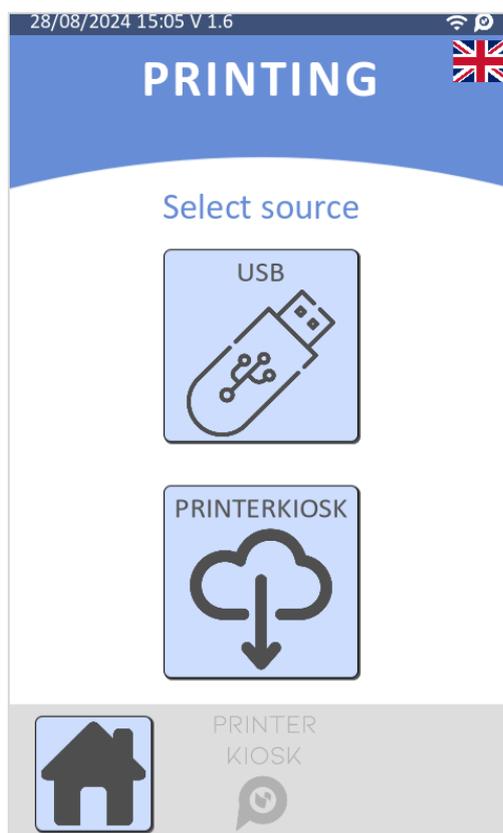
When the credit reaches the value of 0, the CMprint returns to the COPY home page.

2.3 Printing

The CMprint provides the three following printing modes:

- USB printing,
- Email printing (*enabled if the **PrinterKiosk** option is subscribed*),
- PC Prints.

From this screen, users choose the print mode:



2.3.1 USB printing

USB printing enables PDF files and image documents to be printed from a USB Key.

The supported document formats are:

- PDF
- Image (jpeg, jpg, png, gif).

The supported USB Key file systems are:

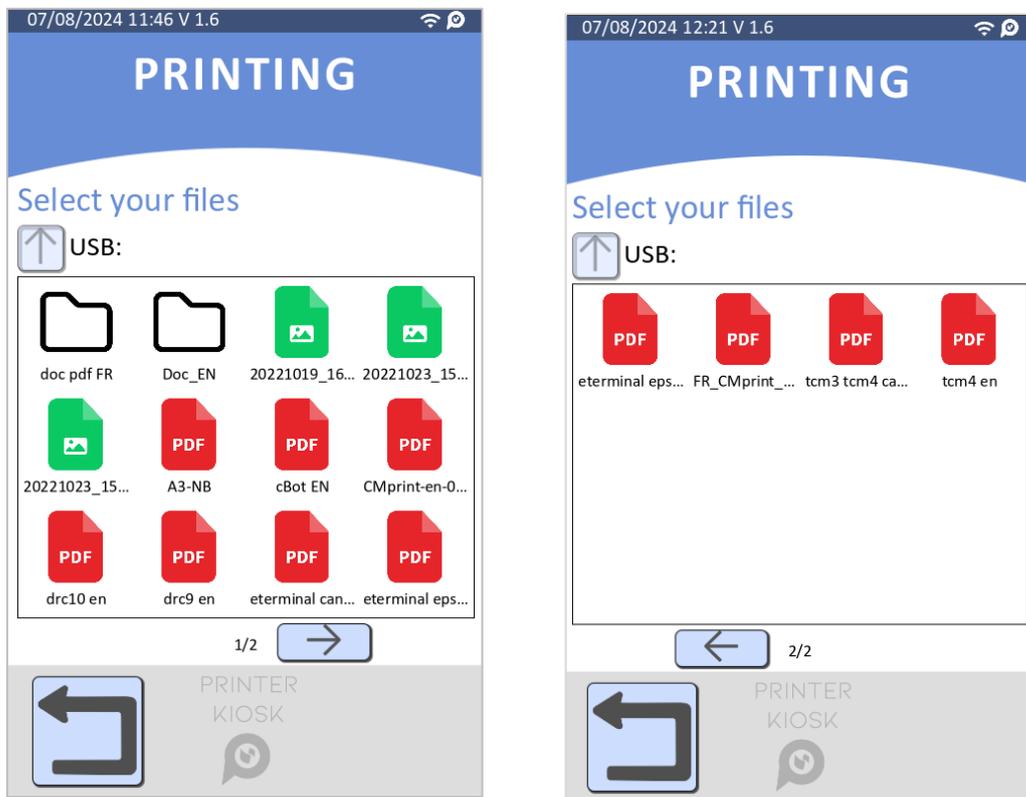
- FAT32
- FAT.

Once USB printing has been chosen, the following page is displayed:



When a user plugs in their USB key on the CMprint, he can browse the documents.

The user can swipe (left or right) or click on the “arrow button” to move to the different pages.



ATTENTION! Only the supported documents are shown.

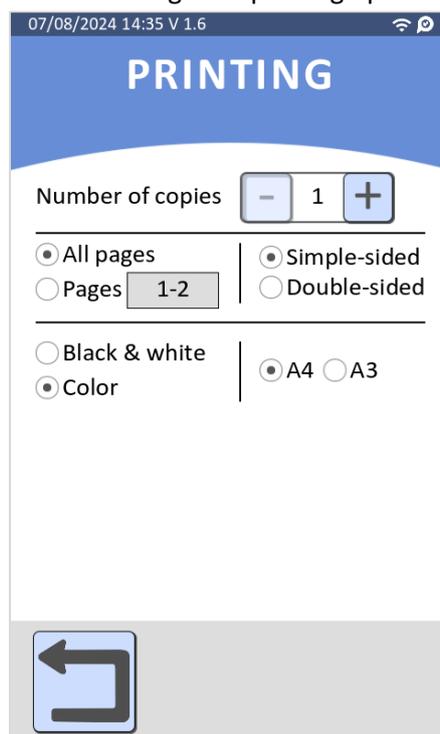
Once a document has been selected, CMprint analyses it in order to:

- Calculate its price,
- Load its preview.

Once finished, the document printing page is displayed:



The user can swipe left to change the current page and click on the image to zoom on the preview. From the OPTIONS menu, users can also change the printing options:



The available options depend on the MFP features. For example, if the MFP does not feature an A3 tray, the A3 option are disabled.

The following options are available:

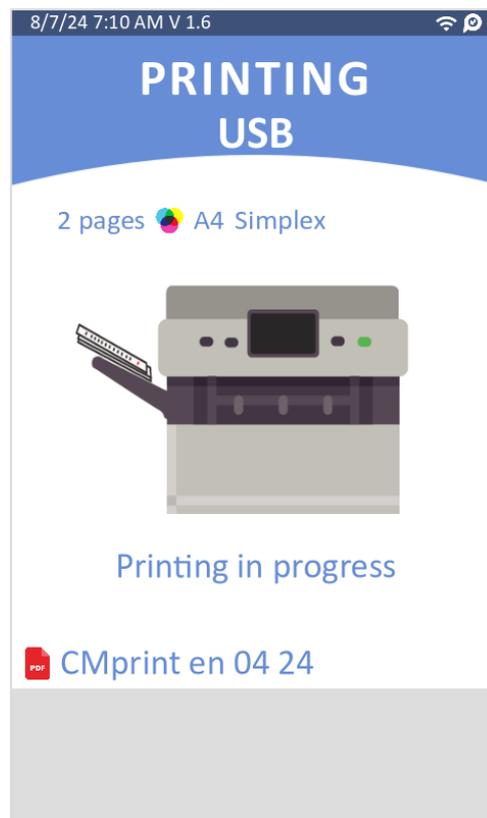
- Number of copies.
- Page selection.
- Duplex.
- Colour.
- Format.

ATTENTION! Click on “back button” to save the selected options.

The price and preview will be updated according to the selected options.



Once the document has been paid, the page printing in progress is displayed:



The printing progress screen disappears when printing is finished on the MFP or the printer.

There is a print error management and if an error occurs (paper jam...), the credit remains available on the CMprint and users can try to print again.

2.3.2 Email printing (through PrinterKiosk)

Email printing is only provided through PrinterKiosk option.

For further information, please visit www.printerkiosk.com.

A unique e-mail address is associated with your printer and will be given to you by PrinterKiosk's technical department when you set up your printing site.

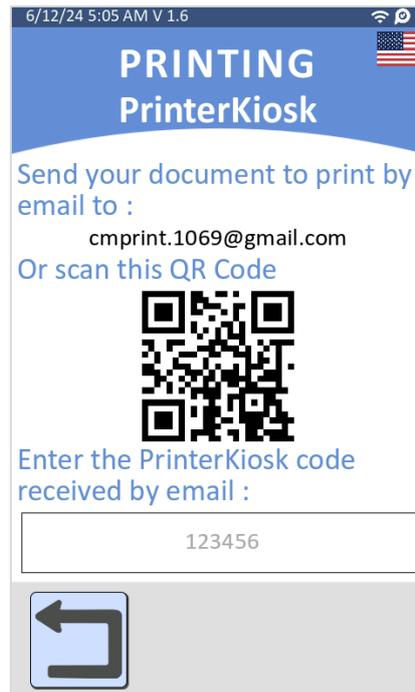
The user sends one or more documents by email to the address dedicated to your MFP or printer. This email can be sent from any geographical location, and you don't need to be near the printer when sending your email.

In return, the user receives an email with a print code. The user can then collect their printouts from the addressed MFP/printer on the CMprint, the printing code has to be entered and the document printing options selected (page selection, black & white or colour, number of copies).

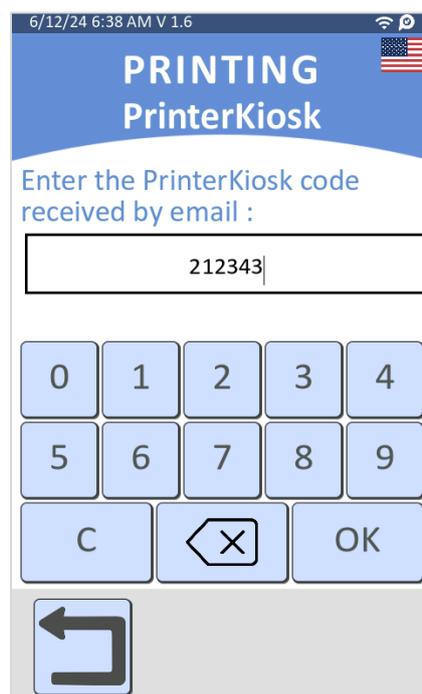
The supported document formats are:

- PDF
- Image (jpeg, jpg, png, gif)
- Doc (docx, doc, odt)
- Presentation (odp, ppt, pptx)
- Text (txt, rtf, xps)

When the user clicks on the “**PrinterKiosk**” button, the following page is displayed. This page provides detailed instructions on how to use the PrinterKiosk feature. Users are guided to either send their document to the provided email address or scan the displayed QR code.



After sending the document, users should enter the PrinterKiosk code received by email into the provided field. Usually, the code consists of 6 digits.



Once a valid code has been entered, the documents sent by email can be viewed and selected and the following pages are displayed:



From now, the printing customer journey is similar to the USB printing customer journey.

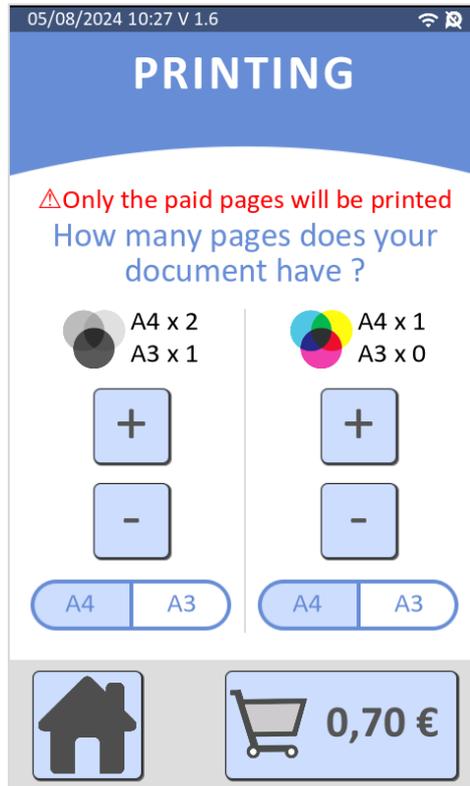
The **PrinterKiosk** option also allows you to have access to the merchant portal allowing you to see the commercial activity of CMprint (<https://www.printerkiosk.com> then Partner space).

2.3.3 PC Prints

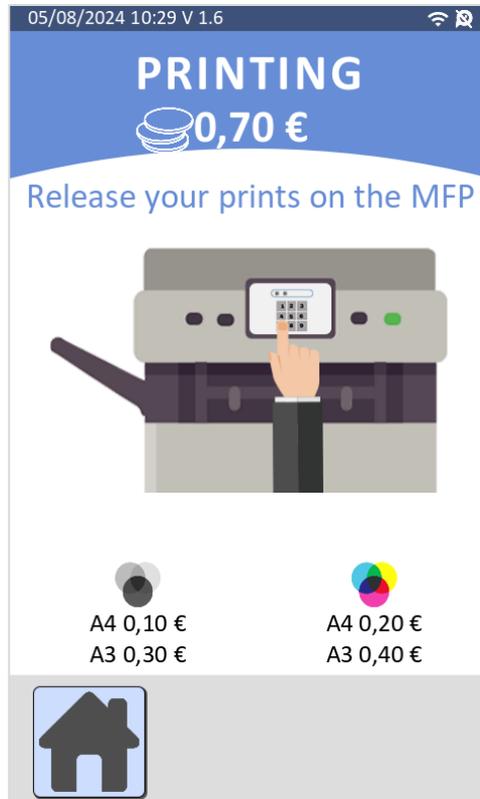
Some MFPs brands offer the possibility to set up a PIN code in the Print Driver through the Secure Print option on the PC. If this option is activated, users must enter the PIN code to release the document on the MFP. The “PC Prints” feature allows users to pay for print jobs with the CMprint for jobs submitted from computers on the LAN.

This feature can be activated from the menu *Admin > Configuration > Client features*. The PC Prints feature is incompatible with USB and Email printing. This means that if PC Prints is activated, USB Prints and PrinterKiosk Prints will be automatically deactivated.

When the user clicks to the Print button, the below screen will be displayed allowing them to select the number of colour or black and white pages of the submitted document.

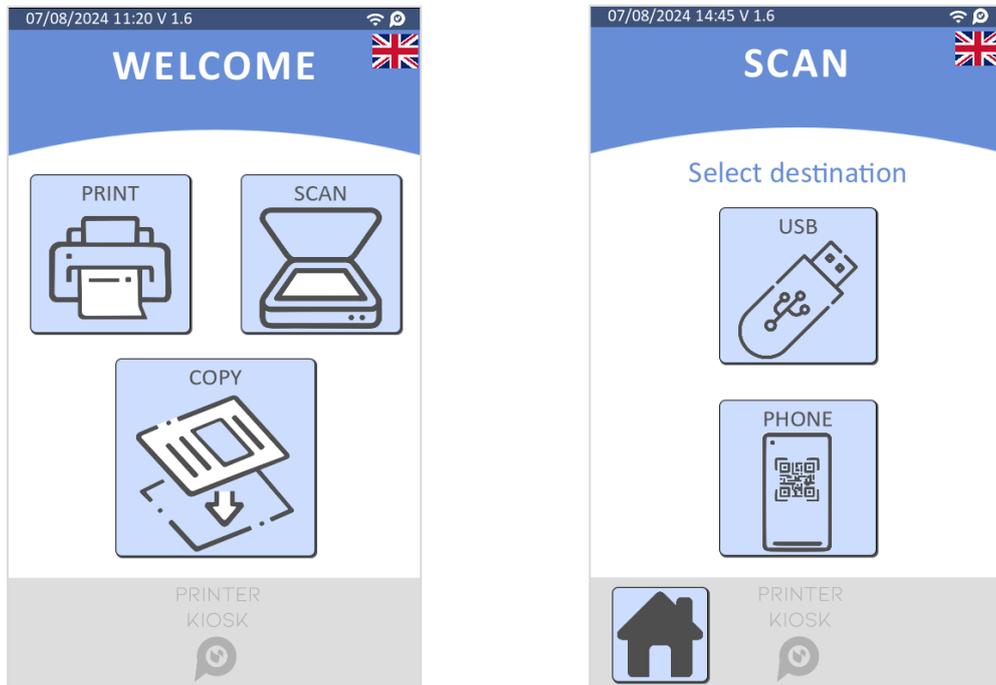


Once the user pays the document price, the MFP will be unlocked. CMprint displays an animation to guide the user in releasing their jobs on the MFP using the PIN code entered in the Print Driver.



2.4 Scan

If CMprint connects to an AirScan (eSCL) compatible MFP, the scanning features will be activated. The user can access this function through the scan button on the home page. Subsequently, the user has the option to choose either scan-to-USB or scan-to-smartphone. Please note that the scan-to-smartphone feature is exclusively available to PrinterKiosk subscribers. If scan-to-USB is selected, the user must insert a USB key at the bottom of the touchscreen.

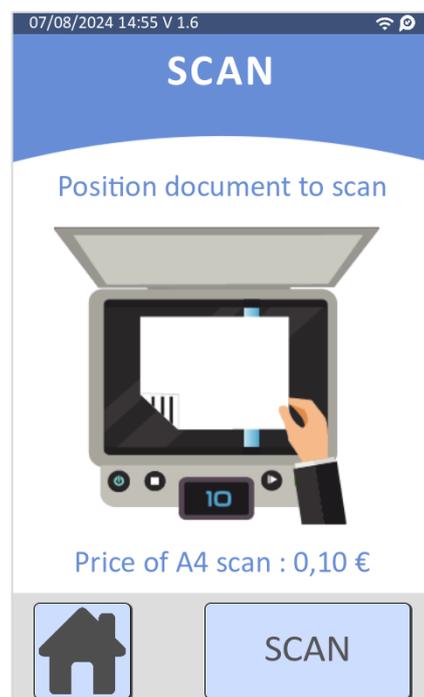


Depending on the scanner configuration, the user can scan documents either on the MFP glass or in the paper tray (an animation corresponding to each configuration is displayed on the CMprint to guide the user).

ADF scan animation

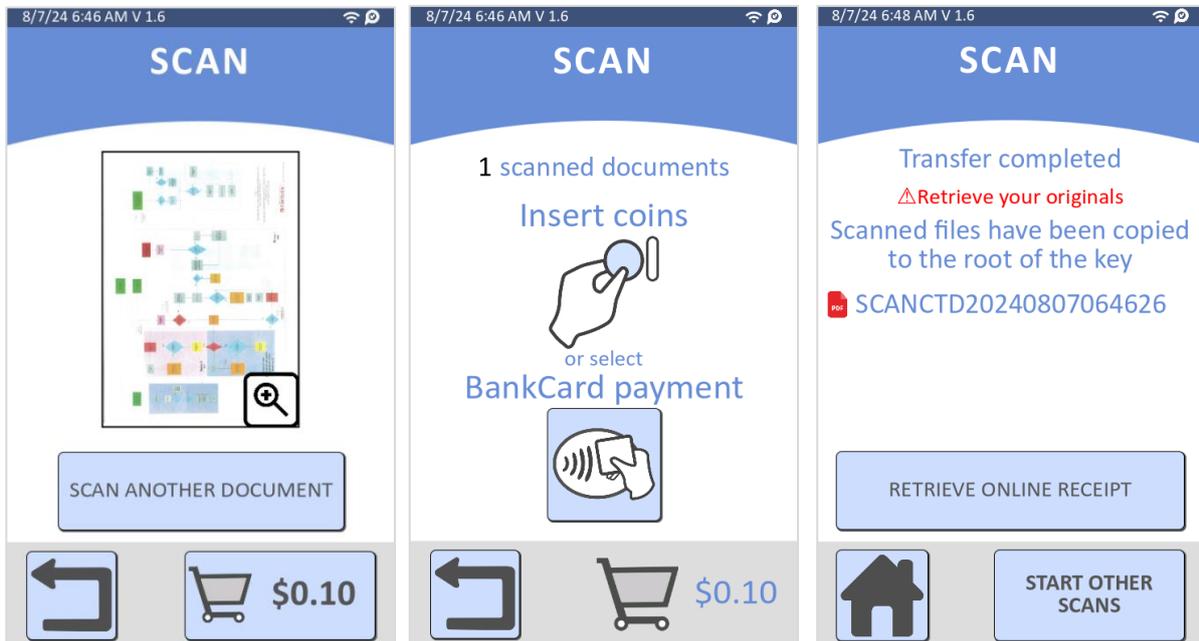


Flatbed scan animation



A preview of the scanned documents is available if the scan finishes successfully. If not, an error message is displayed to the user.

The scanned documents will be transferred on the USB stick after payment by cash or bank card.



If the user selects “scan to smartphone”, at the end of scanning process, they scan the displayed QR code with their smartphone to retrieve the scanned documents.

2.5 Dematerialized receipt

If the dematerialized ticket is activated and there is no connection problem with the receipt server (CartadisArchives), when the user completes their operation (copy/print/scan) CMprint displays a QR Code. By scanning this QR Code the user can retrieve their receipt on their smartphone. When the user saves the receipt to the mobile file system using the share button, the receipt server generates a PDF file named **CMprint_receipt_XXXX_YY.pdf** (XXXX is the CMprint serial number, YY is the receipt number).

The header and footer of the receipt can be customized (see § 4.2.2.1.4 – [General configuration/USB Import](#))



Below is an example of a receipt:

| | |
|--------------------------------|-----------------------|
| CARTADIS | |
| 1, Av. Louison Bobet | |
| 94120 Fontenay-sous-Bois | |
| Tel. : 01 48 77 40 60 | |
| <hr/> | |
| CUSTOMER RECEIPT | |
| Tuesday 14 March 2023 15:04:27 | |
| CMprint-1007 | |
| No.Receipt: 85 | |
| <hr/> | |
| Service Payment | Photocopy BankCard |
| <hr/> | |
| Total | £0.90 |
| VAT(20.00%) | £0.15 |
| Excluding tax | £0.75 |
| Thanks for your visiting | |

2.6 Miscellaneous

2.6.1 Inactivity

There is an inactivity timeout during the customer journey. The default value is 3 minutes.

The timer triggers after a 3-minute inactivity time. When this timer triggers and the current balance is 0, CMprint returns on the home page (configurable in the administration menu).

2.6.2 Reset Credit Timer and overpayment

There is a credit reset delay during the customer journey. The default value is 6 minutes.

When this timer triggers, the CMprint returns to the home page and resets the current credit to 0.

A message warns the user 30 seconds before the credit is reset. The lost credit is saved into the statistics and is visible in the collection file in the overpayment section.

2.6.3 MFP error management

When the MFP is not ready (no paper, toners empty, error on printer, network error), an error message is displayed to the user when he tries to pay for the service.

The MFP properties administration menu provides details to diagnostic the issue.

3 PrinterKiosk

3.1 Introduction

PrinterKiosk is an optional email-based printing service. As long as you have the “Cartadis'n Pay” credit card option and subscribe to the PrinterKiosk contract, you can share your printing resources with other PrinterKiosk network partners.

As a partner, you will benefit from the promotion carried out by Cartadis to promote the PrinterKiosk network, you will recover the PrinterKiosk network's clientele and thus increase your printing volume and profitability.

PrinterKiosk is composed of several elements:

- A website dedicated to end-users. Here, users can search for the nearest printing point, consult prices and submit documents for printing by sending an email dedicated to your printing medium.
- A website dedicated to partners, enabling them to track the commercial activity of your printing point.
- A PrinterKiosk server that receives emails from users and redirects them to the printing device.
- Of the CMprint coin acceptor.
- Of the Cartadis'n Pay credit card payment system



3.2 Operating principles

The www.printerkiosk.com website helps people who need to print documents, providing them with the means to find the nearest printing point and guiding them on how to send their document to the chosen printer.

A unique email address is associated with each printer, and the user sends an email with any attached documents in PDF, Office or JPEG format. In return, the user receives an email confirming the address where the printer is located, and a 6-digit code that the user must enter on the CMprint coin acceptor screen.

Example of information to be displayed near the printing point:


PRINTER KIOSK

New: Email Printing Service « Printerkiosk »

- 1 Send your document (10 MB maximum in PDF, JPG or Microsoft Office format) by email to **bobigny@printerkiosk.com** or scan the QR code at the bottom of this page.
- 2 Within 30 seconds, you will receive a return email containing a 6-digit release code.
- 3 On the CMprint payment terminal screen, choose «Print»  then «PrinterKiosk» .
- 4 Enter the received release code.
- 5 Make your payment on the CMprint terminal, with cash or card.
- 6 Retrieve the printed document.

Visit www.printerkiosk.com





We respect your privacy:
 You do not have to open an account.
 We do not keep any documents; they are destroyed after printing or after 24 hours.
 You remain anonymous; we do not keep email addresses.

Further information available on the www.printerkiosk.com website:


PRINTER KIOSK

[About](#)
[Assistance](#)
[Print a file](#)
[Partner](#)



Print nearby safely

24/7

Find a printer

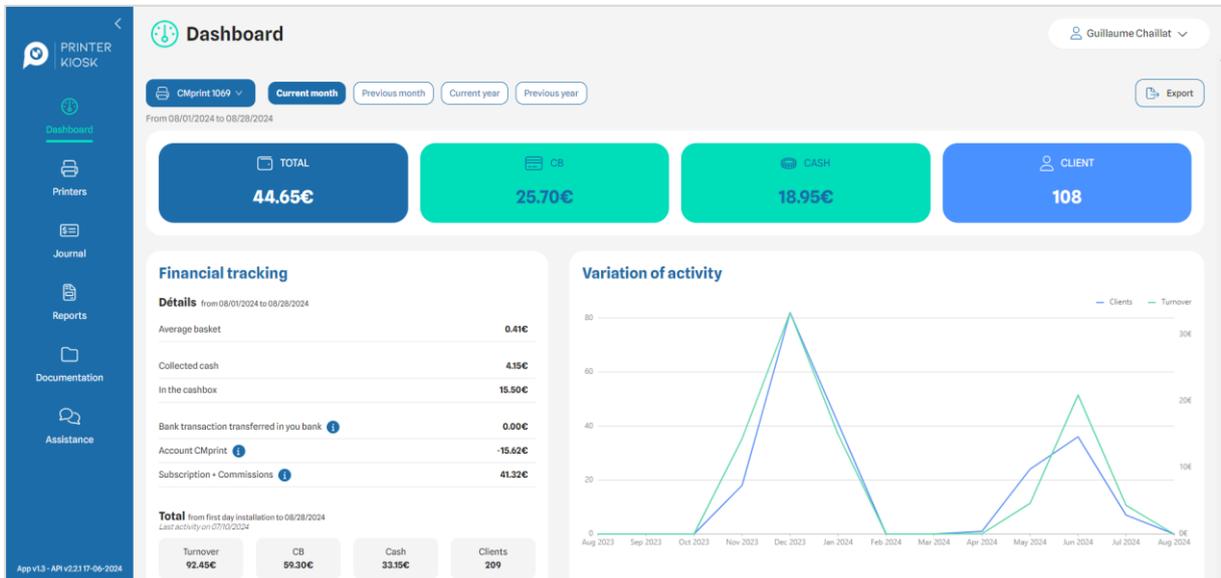
or [Locate me](#)

How it works ?

On computer or smartphone

3.3 Partner site

The PrinterKiosk service includes a “partner” site that allows you to monitor the commercial activity of your printing point. This partner site can be accessed from the main site www.printerkiosk.com, using the login and password provided to you by our technical team.



3.4 Subscription conditions

PrinterKiosk is an option of your CMprint, and is subject to the presence of the “Cartadis'n Pay” credit card payment option and subscription.

The PrinterKiosk option implies that:

- Your CMprint is equipped with the “Cartadis'n Pay” credit card payment option.
- You have expressed your agreement with the General Terms of Use.
- You provide the following official documents:
 - Scan of the identity card of the manager of your company (or his representative)
 - Scan of your organization’s KBIS
 - Scan of your bank details
 - CMprint operating address
- You agree with the pricing conditions:
 - Charges applied to each bank transaction
 - Cost of subscription to the payment gateway and contribution to PrinterKiosk server operating costs.

4 Administration

4.1 Installation

4.1.1 Prerequisites

- 230VAC (1A) power socket near CMprint.
- RJ45 socket with INTERNET connection (for USB printing, PrinterKiosk option and advanced remote assistance).

4.1.2 Installation type

Depending on your printing equipment, the connection of the CMprint to it is different.

If you have a printer (non-MFP):

The only connection between the CMprint and your printer is a network connection Ethernet. No specific interface is required.

If you have an MFP (multifunction printer supporting the “copy” function). An internal connection specific to your MFP model is required to control your MFP's “copy” mode:

- **Konica Minolta and Canon MFPs**
These MFPs require a “serial” communication to control their copy mode. The SERIAL interface option must be ordered with your CMprint system.
Depending on the exact model of your MFP, a specific link cable between CMprint and MFP will also need to be ordered, please consult the [CartadisDB - Cartadis](#) website to identify the model you will need.
- **Kyocera, Ricoh, Sharp, Toshiba and Xerox MFPs**
These MFPs require a “parallel” communication to control their copy mode. The MFP interface option must be ordered with your CMprint system.
Depending on the exact model of your MFP, a specific link cable between CMprint and MFP will also need to be ordered, please consult the [CartadisDB - Cartadis](#) website to identify the model you will need.

4.1.3 Copier interface

The MFP must be properly configured to enable the coin vendor mode (according to the copier's brand, external accessory must be ordered).

Moreover, the copier hardware interface (MFP or SERIAL, see § 4.1.2) and a Cartadis cable must be connected to the CMprint.

For more information on supported MFP models, please consult the **CartadisDB** tool (see Appendix 6.1).

If the CMprint is connected to a Sharp MFP, activate the Sharp mode of the MFP interface by connecting a jumper to the 2 pins labelled JP2.

4.1.4 MFP connection

To use printing and scan features, the MFP IP address must be setup on the CMprint (see § 4.2.2.4-MFP).

Scan feature requires the MFP to be AirScan (eSCL) compatible. The compatibility can also be checked through **CartadisDB** online documentation.

4.2 Administration menus

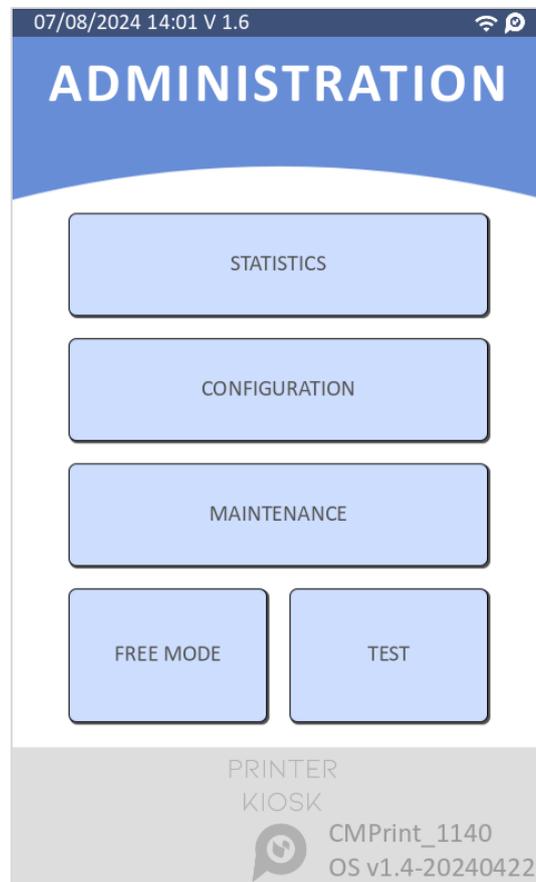
4.2.1 Administration top menus

The ADMINISTRATION menu is accessible by turning the administration key on the front side of the CMprint.

The 5 following sub-menus are available:

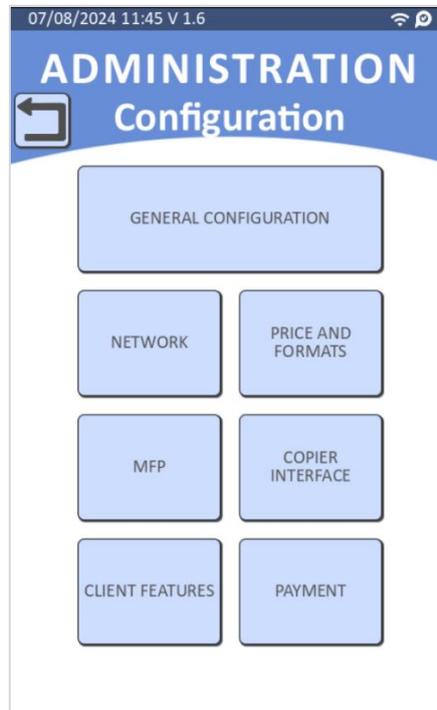
- STATISTICS: manage accounting.
- CONFIGURATION: install and configure the CMprint.
- MAINTENANCE: make specific maintenance operations on the CMprint.
- TEST: test the CMprint and its peripherals.
- FREE MODE: make copies, prints and scans jobs without having to pay.

The CMprint serial number and OS version are displayed in the footer of this screen.



4.2.2 Configuration menus

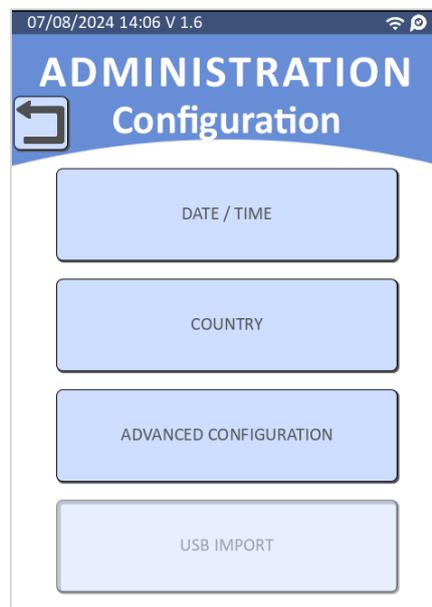
The Configuration menu is composed as follows:



The available functions are:

- **GENERAL CONFIGURATION:** configure the general parameters.
- **NETWORK:** configure the network settings.
- **PRICE AND FORMATS:** configure the prices and paper formats.
- **MFP:** configure the MFP settings and display the MFP properties.
- **COPIER INTERFACE:** configure copier interface advanced settings.
- **CLIENT FEATURES:** configure client features.
- **PAYMENT:** configure means of payments and advanced bank terminal parameters.

4.2.2.1 General configuration



4.2.2.1.1 Date / Time

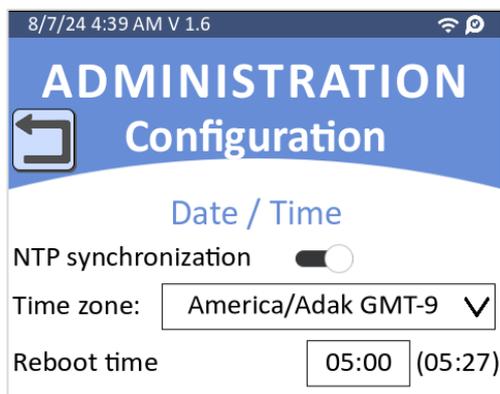
After selecting the country, the technician must set the date and time:

- enable NTP synchronization if your CMprint is connected to Internet,
- disable NTP synchronization if not and set date and time in a valid format,
- select time zone of the CMprint (listed time zones depend of the country selected on the CMprint).

It is required that the CMprint restarts once every 24 hours to optimize its operation.

The default value 5.00 means a restart around 5 am every day, this reboot time can be modified in this menu.

Note: In this setting, a random delay between 0 and 60 min is applied for rebooting within the configured hour (the real reboot time is visible under bracket). The reboot time is delayed in case a customer is using the device.



4.2.2.1.2 Country

Country selection is required to:

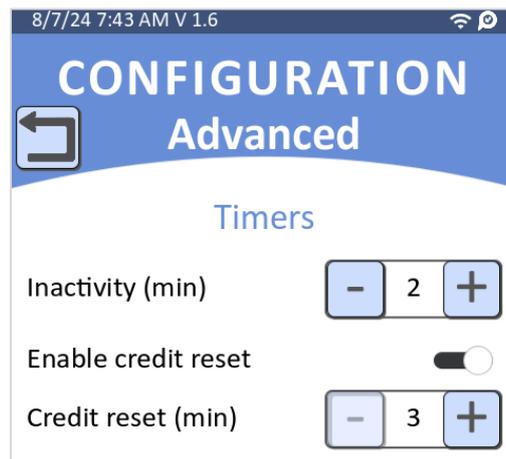
- Display the currency,
- Set the default language,
- Set the default time zone.

ATTENTION! All statistics and counters are erased when the country changes. You must select the country just once during the CMprint life.



4.2.2.1.3 ADVANCED CONFIGURATION

This menu allows to modify the inactivity delay and reset credit delay (available from the version 1.4, see § [2.6.1](#) and [2.6.2](#)).



4.2.2.1.4 USB IMPORT

a) Header and footer customization for statistics collect file and dematerialized receipt

The technician can import the ticket header for the statistics file by clicking on this button. As of version 1.2, the technician can also import the ticket header and/or footer for the dematerialized receipt.

Add a file **header.txt** and/or **footer.txt** on root of USB Key and press the “USB IMPORT” button.

To get good results on the statistics collect and the receipt, the header and footer files must have maximum of 40 lines and 50 characters in UTF-8 per line.

b) Importing IPP printer driver file

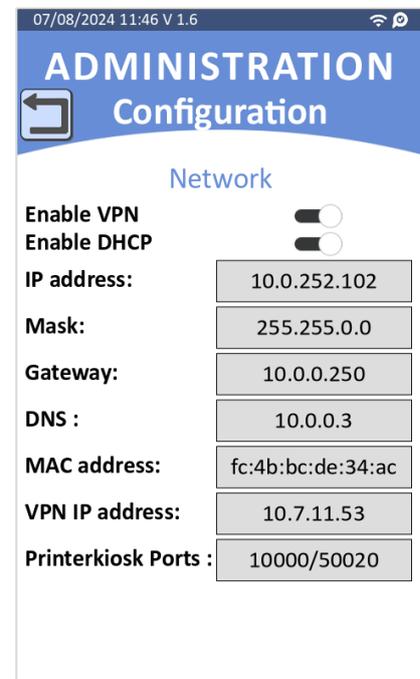
It is also possible to import IPP printer drivers by adding the files named **Generic_BW.ppd** (for a black & white printer) and/or **Generic_Color.ppd** (for a colour printer) on root of USB Key and press the “USB IMPORT” button.

4.2.2.2 Network

If you have a DHCP server on your network, you can enable DHCP setting or you can setup manually the IP when DHCP mode is disabled. In this case, the IP address, gateway and DNS server must be configured.

“VPN IP address” is the address of the secure VPN client installed on CMprint. It allows remote troubleshooting for advanced support. From version 1.2, you have the possibility to disable the VPN connection.

If the PrinterKiosk feature is enabled and the PrinterKiosk subscription is activated, from version 1.6, its ports are displayed at the end of the network screen.



4.2.2.3 Prices and formats

a) Prices

Copy, print and scan prices are set in this menu.

The VAT rate can also be configured in the prices and formats menu (available since version 1.2). VAT information is indicated on the customer's dematerialized receipt.

Since version 1.4, it is possible to scan for free by setting the scan price to 0.

ATTENTION! Please note the valid format as shown in the example, and click on the “Save” button (top right) to apply the price changes.

b) Paper formats

Since version 1.2, the CMprint supports US paper sizes. The MFP paper format (A4/A3, Letter/Legal, Letter/Ledger) can be configured in this menu. Letter/Legal is the default format for US installations.

8/7/24 7:52 AM V 1.6

ADMINISTRATION Configuration

Change prices

A4: \$ A4: \$
 A3: \$ A3: \$

Scan: \$

VAT: %

Paper sizes :

A4/A3 Letter/Legal
 Letter/Ledger

4.2.2.4 MFP

a) MFP settings

07/08/2024 14:52 V 1.6

ADMINISTRATION Configuration

MFP settings

IP address:

Printing protocols :

IPP IPPS LPD/LPR
 AppSocket/HP JetDirect

Print driver :

Driverless PostScript

This menu is used to set up the Print Driver using the MFP IP address.

By default, the printing protocol is IPP. New printing protocols (IPPS, LPD/LPR, AppSocket/HP JetDirect) are supported by CMprint version 1.2 or higher. If your CMprint connects to an MFP that only supports IPP/IPPS protocol in a version lower than 2.0, auto-creation of printer driver by MFP IP address (driverless option) will not be possible.

CMprint will use the default PostScript driver (Postscript driver option) that may not reflect the correct properties of the MFP. In this case, you can import the original driver of your MFP from the “USB IMPORT” menu (see § 4.2.2.1.4 – [General Configuration/USB Import](#)) and return to the MFP menu and select the custom driver option.

If the connected MFP is AirScan (eSCL) compatible, from the version 1.2 the scan function is automatically activated during the configuration by MFP IP address. The scan function can be disabled by unchecking the scan option.

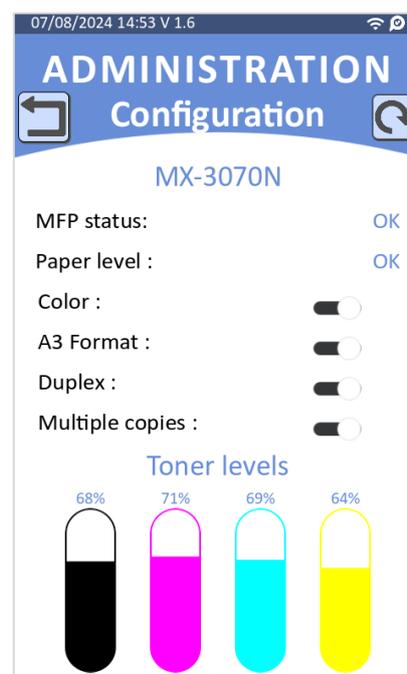
To print and/or scan on the MFP, you need to enter the MFP IP address and click on the “Save” button. Attention: the MFP IP address must be a static IP. An error message may appear if the MFP is not online. If the MFP is successfully detected, the MFP properties and the scanner properties are displayed through the “MFP PROPERTIES” button and the “SCAN PROPERTIES” button.

b) MFP Properties

On this page, the MFP properties are displayed:

- Name of the MFP
- MFP status (Ok, Offline, In error)
- MFP functionalities
- Paper levels (OK, Low or No paper)
- Toner levels

Information: If the MFP status is detected as faulty or offline, the CMprint informs the customer of the error. If paper or toner information is not available, the CMprint indicates “unknown” for paper levels and -1% for toner levels, but the CMprint does not consider the MFP as faulty.

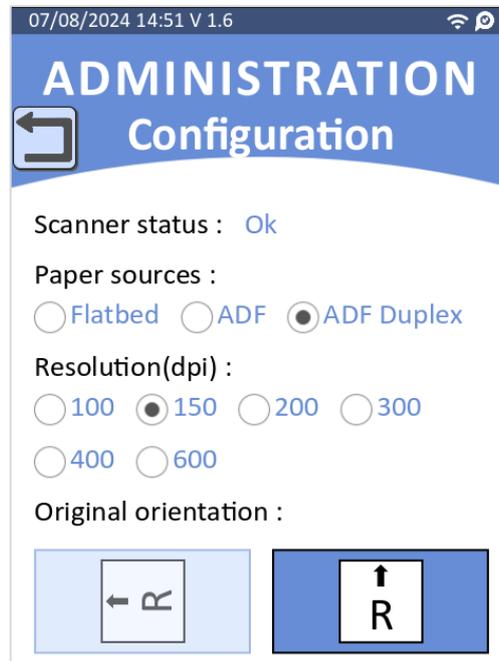


c) Scanner properties

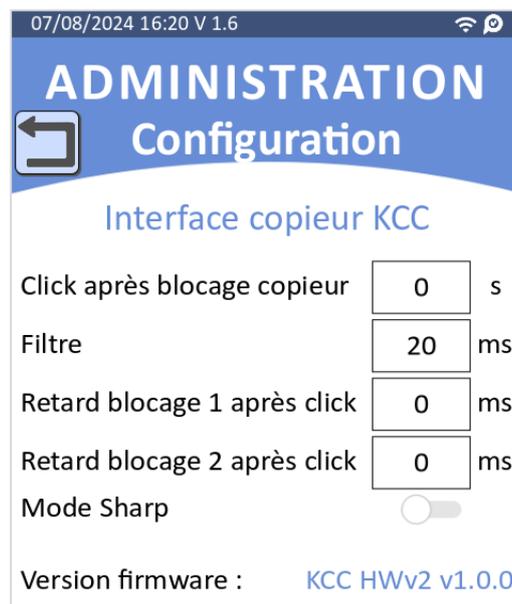
This screen displays:

- Scanner status (Ok, Offline)
- Paper sources:
 - Flatbed (Scan on the MFP glass)
 - ADF (Scan simplex into the document feeder)
 - ADF Duplex (Scan duplex into the document feeder)
- Resolution (in dpi)
- Orientation (available from the version 1.4)
 - The default scan orientation will be determined by the tray size.

- If the tray is large or of an unknown size, the default orientation will be portrait, and the orientation can be changed in the scan properties menu.
- Otherwise, if the tray is small, only the landscape orientation will be available and displayed on the scan properties menu.



4.2.2.5 Copier interface (advanced)



The Copier interface menu is intended for experts. It shows information about the copier interface and allows to tune some advanced parameters.

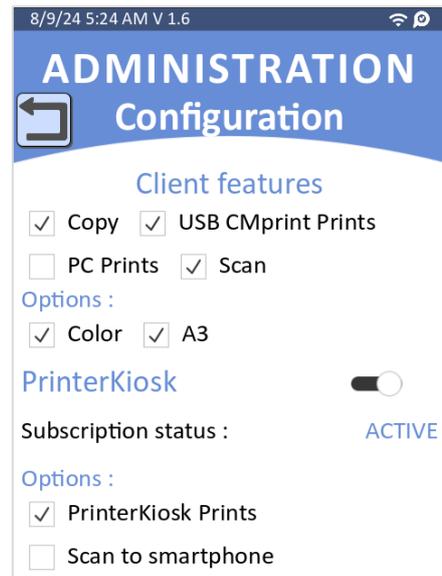
Activate the Sharp Mode if the CMprint is connected to a Sharp MFP (check that there is a jumper on the 2 pins labelled JP2 of the interface card).

4.2.2.6 Client Features

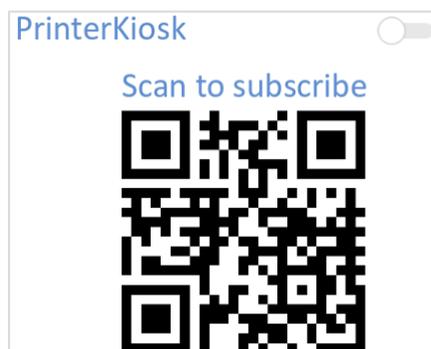
All MFP features listed below can be enabled or disabled in this menu. For example, unchecking the “Enable copy” option disables the copy function if the CMprint connects to a machine with print-only capability; in this case, the CMprint will not display the copying menus.

- Copy
- USB printing
- PC Prints
- Scan
- Options: Colour and large format (A3/Legal/Ledger)
- PrinterKiosk
 - Email printing
 - Scan to smartphone feature

ATTENTION! It is required that the functionalities that you enable are available on the MFP connected to the CMprint.



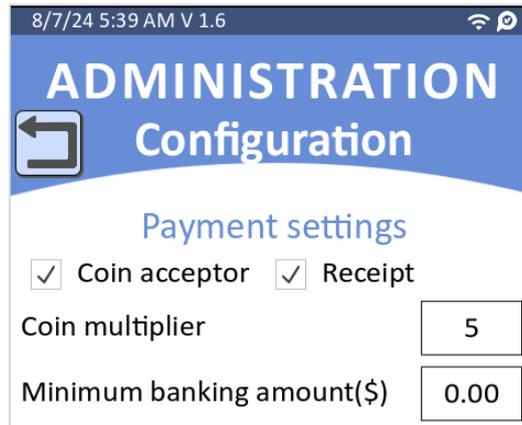
A QR code to go to the PrinterKiosk web page will be displayed if the PrinterKiosk feature is deactivated



4.2.2.7 Payment (advanced)

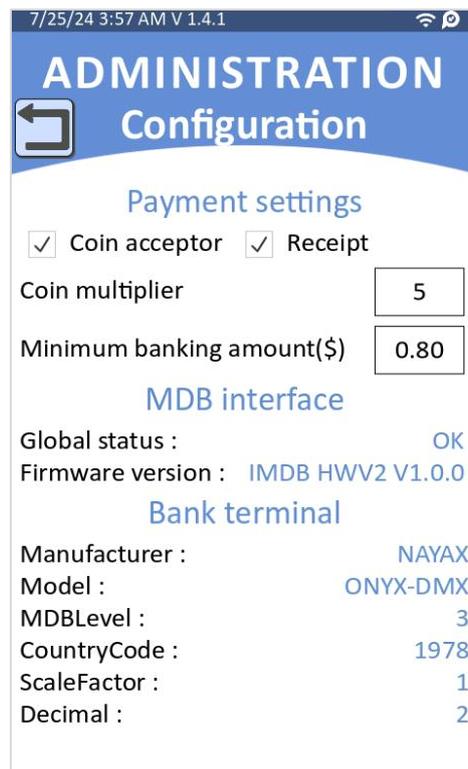
The “Payment settings” section allows you to:

- Enable/disable the payment by coins (if coin-operated, the number of different coins accepted is 6).
- Enable/disable the dematerialized receipt (available from version 1.3)
- By default, the coin multiplier = 5 allows acceptance of a range of coins from 0.05 to 5.00. If you want the CMprint to accept a higher range of coins from your country, you'll need to change this setting. For example: if the coin multiplier is changed to 10, the coin range would be between 0.10 and 10.
- Set up the minimum amount for bankcard payment (available from the version 1.4).

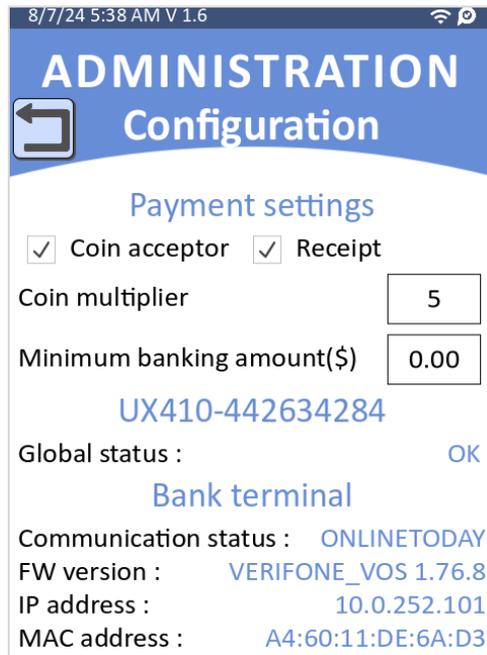


You can also consult the information on the bank card terminal if it is connected via the MDB communication protocol (such as NAYAX bank terminals):

- MDB interface is an embedded electronic interface card connected between the CMprint and the bank card terminal. When its status is OK, the information about the connected bank card terminal is displayed.



From version 1.4 onwards, the CMprint is compatible with the new **Cartadis'n Pay payment solution with the Verifone UX410 terminal**. The status of the UX410 terminal and all its information are displayed in this menu. The Cartadis'n Pay terminal does not use the MDB protocol, but communicates with the CMprint via an Ethernet network.



4.2.3 Statistics menus

The Statistics menu provides various accounting information and manages the cash collection.



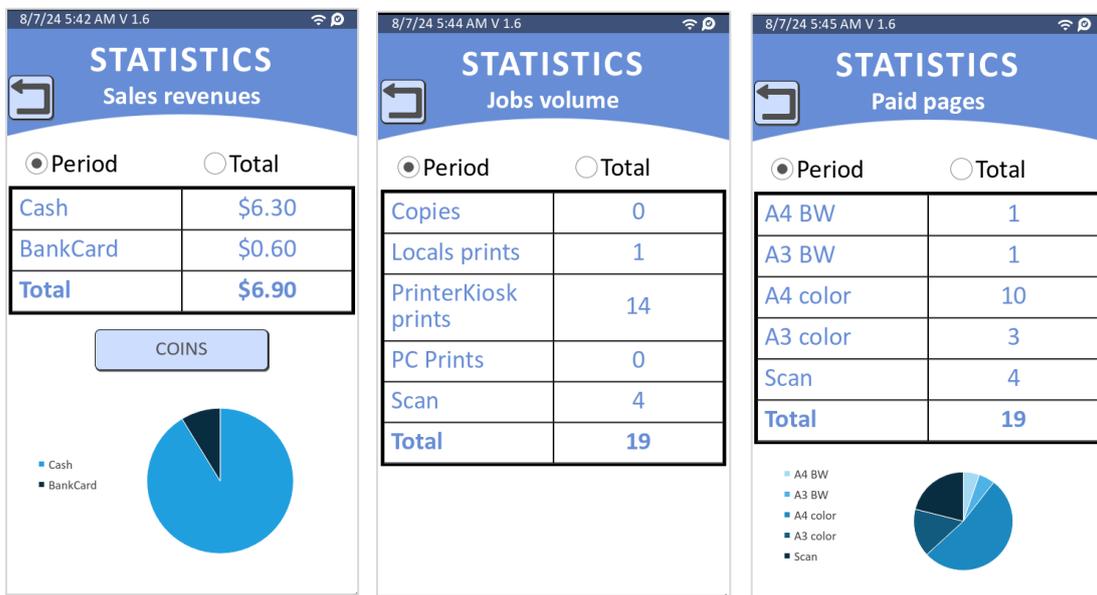
4.2.3.1 Counters

The CMprint manages the following counters statistics:

- SALES REVENUE: breakdown of sales by payment method.
- JOBS VOLUME: breakdown of sales by type of print job (Copy, Print from USB...).
- PAID PAGES: breakdown of sales by document type (A3 / A4, B&W / Colour).

Two types of counters are available:

- Reference counters: these counters are never reinitialized. They are initialized to 0 at the factory, then incremented according to sales.
- Periodic counters: these counters are reinitialized each time an operator is doing a cash collection (see § 4.2.3.2).



The above pie charts show an overview of counters.

From version 1.6, the inserted coin quantity statistics can be accessible from the menu *Statistics > Sales revenues > Coins*



4.2.3.2 Cash collection

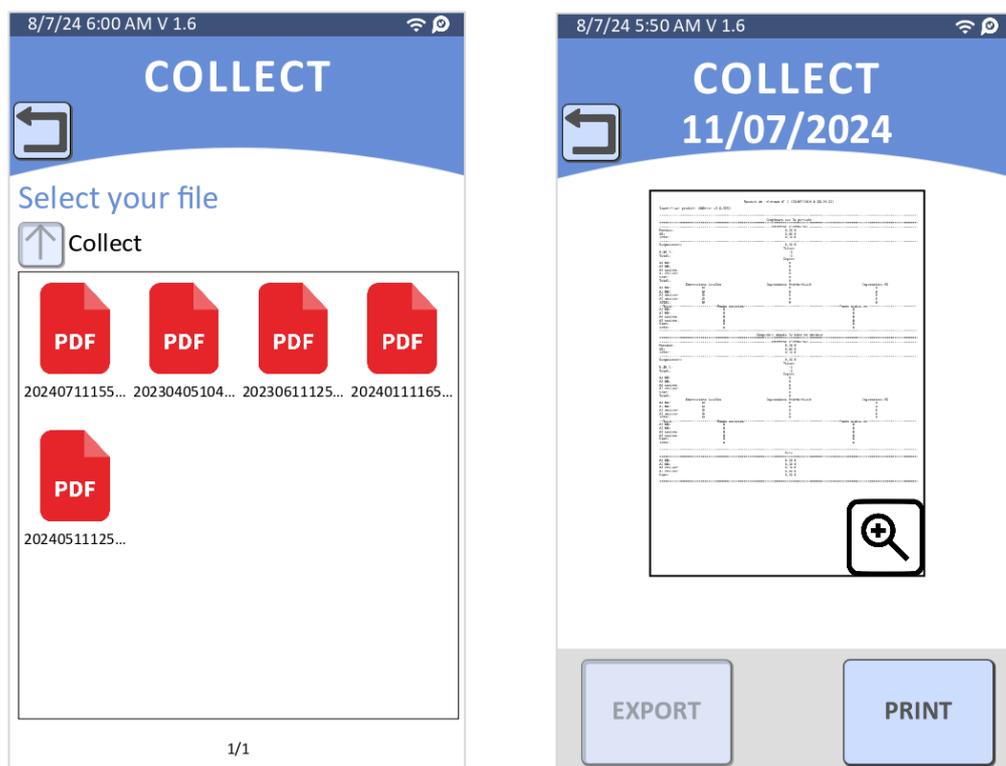
The procedure for cash collection is:

- Physically collect cash from the cash coin box.
Staff in charge of collection can exchange cash boxes without having access to the cash (if ZKITCAISSE-CMPRINT option purchased).
- Inform the CMprint of the cash collection by pressing the “COLLECT” button.
- A receipt of the collected cash information is stored.

Note: At the cash collection stage, the periodical counters are reset, and if any credit remains from the last customer, it will be reset and placed on overpayment.

Collect receipt can be printed on the MFP at the moment of cash collection or later from the COLLECT HISTORY menu. It can also be stored on a USB key.

The collect receipt is a PDF file with the name showing the collect details (for example: 20220318151834_1000_Collect.pdf >>> 20220318 = date _ 151834 = 15h18mn34s _ 1000 = CMprint serial number).



Collect receipt header can be customized by importing an header.txt file using the “IMPORT USB” feature (see § [4.2.2.1.4 – General configuration/USB Import](#)).

4.2.3.3 Counters export

A backup of all counters can be exported to a USB stick. The file is in “.tar.gz” format and can be opened with a tool such as “7zip” (e.g. CMprint_Counters_1000_202202021010.tar.gz).

4.2.4 Maintenance menu

This menu allows you to:

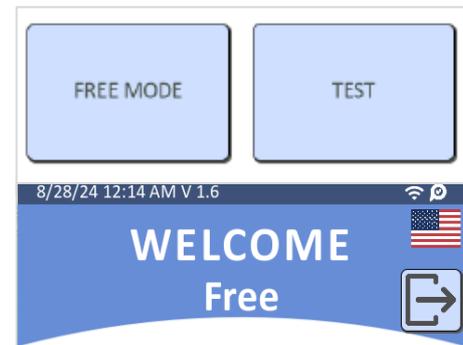
- Restart the device,
- Update the CMprint software by plugging in a USB key that contains the firmware package.
- Manually install a peripheral interface firmware (available from version 1.2). Compatible peripheral interfaces:
 - KCC: parallel copier interface (from hardware version CI21210)
 - SIM: serial copier interface (from hardware version CI21510)
 - iMDB: Bank card terminal interface (from hardware version CI21410)
- Enable/Disable remote operation (available from version 1.3). Enabling remote operation allows you to operate the CMprint remotely on your computer or on a mobile device such as a smartphone, using VNC software (RealVNC software recommended).
- Recover logs on a USB stick (available from version 1.4)



4.2.5 Free mode

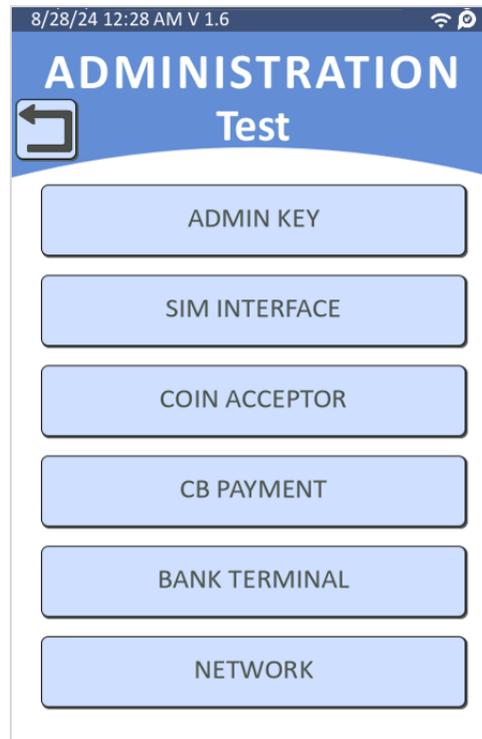
By clicking on the “FREE MODE” button (since version 1.2, the “FREE MODE” button has been moved to the bottom left of the Administration menu), the operator can use CMprint in customer mode without having to pay.

“FREE MODE” is displayed on the top bar to indicate that it is currently active.

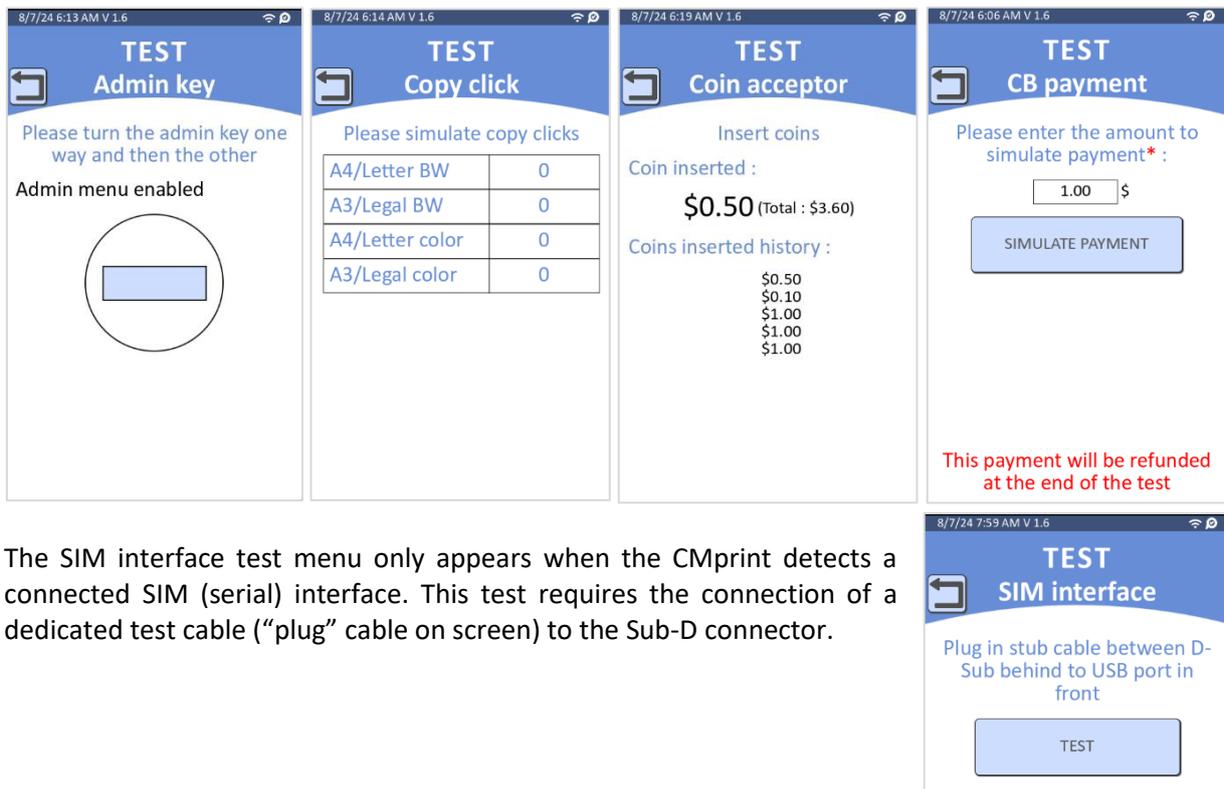


4.2.6 Test menu

Test menu allows the operator to perform the various tests below:



The Test menus let you check if the admin key is running correctly (ADMIN KEY menu), if there are no counting problems with the parallel interface card (COPY CLICK menu) and the different means of payment (COIN ACCEPTOR and CB PAYMENT menus) are functional.

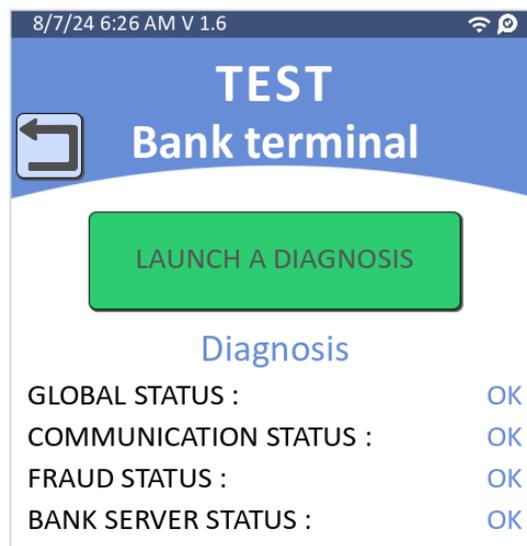


The SIM interface test menu only appears when the CMprint detects a connected SIM (serial) interface. This test requires the connection of a dedicated test cable ("plug" cable on screen) to the Sub-D connector.

Network test menu allows to perform a ping test with an IP address.



If a UX410 terminal is connected, the credit card terminal test menu appears, allowing you to perform a terminal diagnostic and display the results.



4.3 Diagnostics

4.3.1 Information bar



The information bar is displayed at the top of all CMprint screens.

It contains diagnostic information:

- On the left side:
 - Date and time
 - CMprint firmware version.

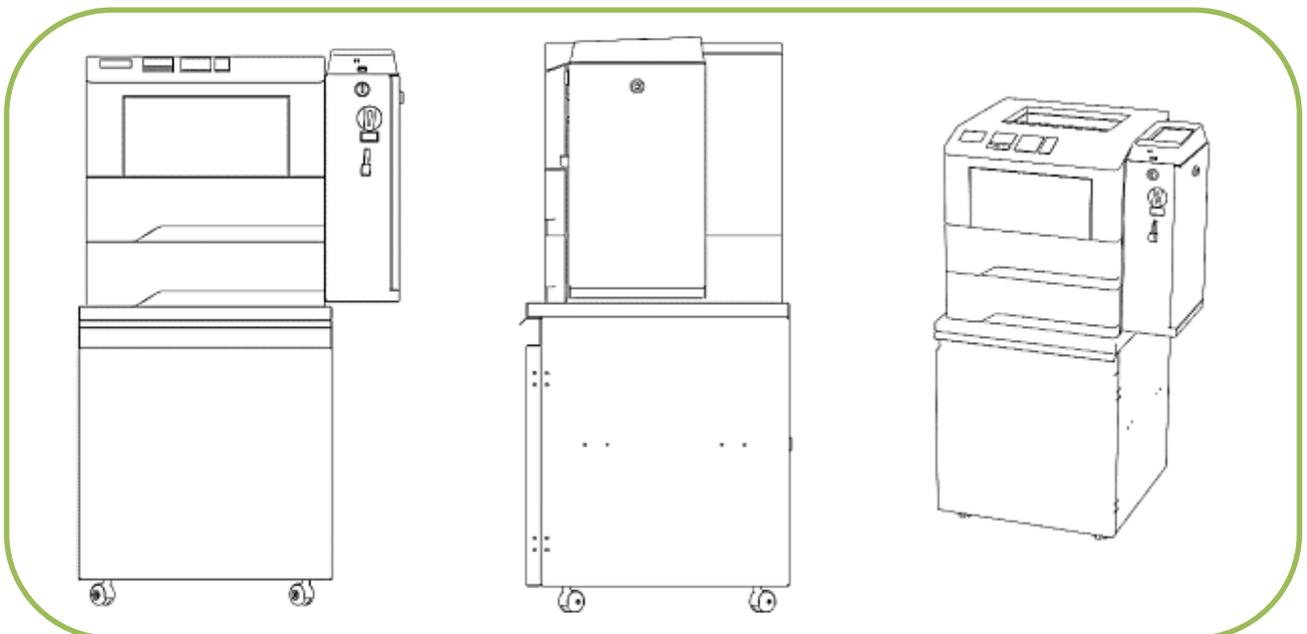
- On the right side:
 - Wireless network logo: shows the network status.
If the CMprint is offline the logo is crossed out.
 - PrinterKiosk logo: Shows the PrinterKiosk server connection status.
If PrinterKiosk usage is in error, the logo is crossed out. This information is only displayed when PrinterKiosk is enabled.

5 Installation

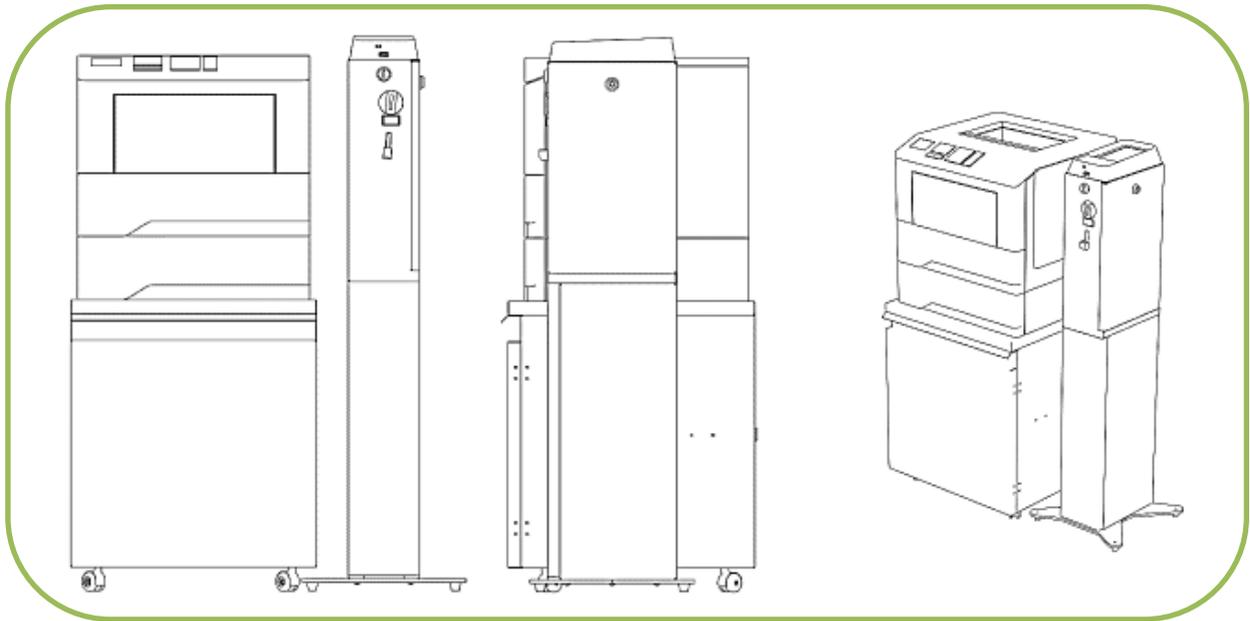
5.1 Mechanical fastening

The Cartadis CMprint can be mounted directly on the MFP or on the optional Cartadis CMprint stand (ref. ZPIEDCMPRINT) sold as an option.

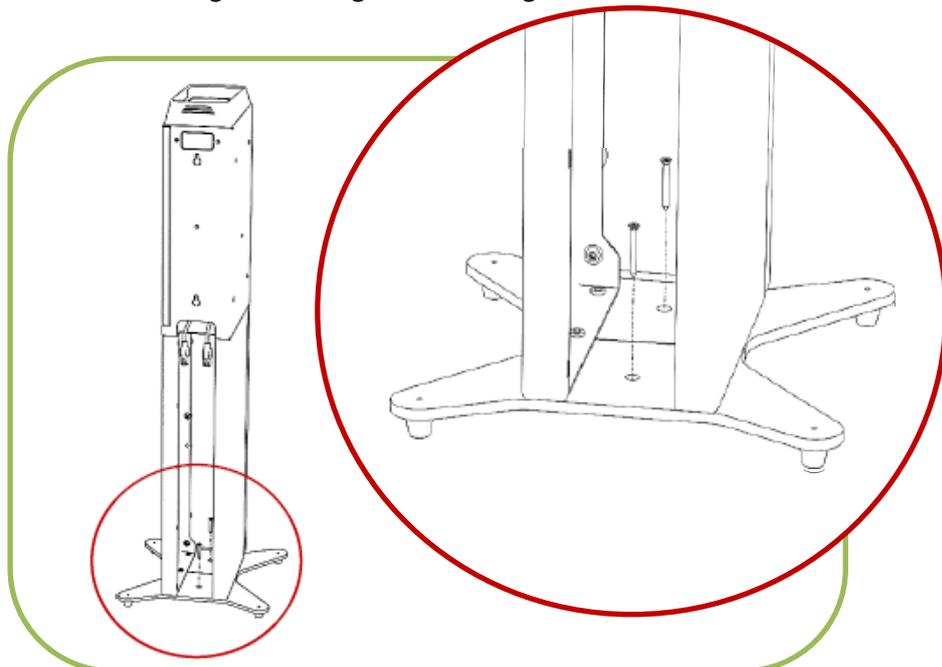
On the side of the Cartadis CMprint, 4 holes allow it to be attached to the MFP if possible.



The optional stand allows the CMprint to be installed close to the MFP, without having to attach it to the copier.



It is possible to fix the stand on the ground using the two fixing holes.



5.2 Electrical connection

The Cartadis CMprint must be connected by an MFP specialist.

For copying, the CMprint is “seen” by the MFP as a key counter and must therefore be connected as such.

For printing and scanning, the CMprint requires an Ethernet connection in order to communicate with the MFP.

The CMprint does not have its own power supply, but is supplied with an external +12Vdc power supply.

5.2.1 Power supply connection

The electrical installation involves connecting the external power supply to a socket capable of supplying between 100 and 240Vac at a consumption of 1 ampere.

For obvious safety reasons, you must install a 30mA differential circuit breaker on the 230V supply at the electrical panel.

Before starting the electrical connection, check that the circuit breaker is in the OFF position.

5.2.2 CMprint connection for copies service

As indicated in paragraph 4.1.2, the connection to the MFP key counter is different for each brand of MFP and for different generations of MFPs within the same brand.

To adapt to these specifications, the CMprint must be connected to an MFP using a Cartadis adapter cable compatible with the MFP model in question, see § 4.1.3.

It is therefore important to identify the correct cable reference to use; to do this please contact Cartadis or check the **CartadisDB** online documentation.

5.2.3 CMprint connection for print/scan service

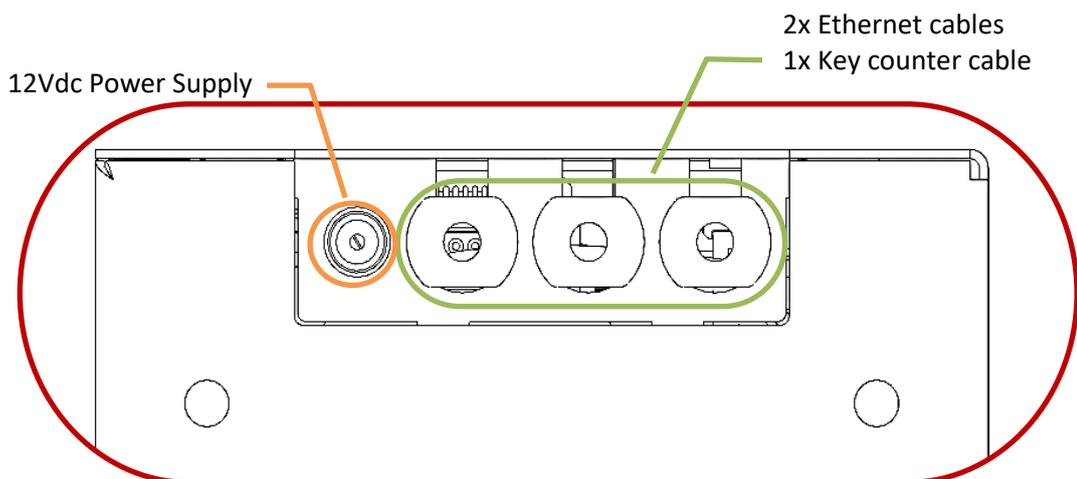
The CMprint must be connected to the same local Ethernet network as the MFP.

This enables the CMprint to offer print and scan sales.

To simplify this connection, the CMprint is supplied with 2 Ethernet cables, enabling the CMprint to be plugged inside the MFP's Ethernet circuit.

The connection steps are:

- 1) Unplug the MFP from the Ethernet wall socket,
- 2) Connect a CMprint Ethernet cable to the MFP (any cable),
- 3) Plug the 2nd CMprint Ethernet cable into the Ethernet wall socket.



6 Appendix

6.1 Cartadis DB

The <https://www.cartadis.com/fr/support/cartadis-db/> website provides access to technical information (cable references, interfaces, functionalities) relating to the Cartadis equipment you wish to connect to your MFP model.

Access to this site is protected by login and password. You can obtain access rights by contacting our sales department.

6.2 Collect receipt

On the following page, you'll find an example of a cash "Collection Report". This receipt also shows some counter information.

Collect report No. 18 (10/03/2023 at 10:44:45)

Product identifier: CMPrint v1.3-1007

CARTADIS
 1, Av. Louison Bobet
 94120 Fontenay-sous-Bois
 Tel. : 01 48 77 40 60

***** Periodic counters (since 10/03/2023 at 10:41:58) *****

```

-----Sales revenues-----
Cash:                               £0.10
BankCard:                            £0.10
Phone:                               £0.00
Total:                               £0.20
-----
Overpayment:                         £0.00
-----Copies-----
A4 BW:                               0
A3 BW:                               0
A4 color:                            0
A3 color:                            0
Scan:                                1
Total:                               1
-----Locals prints-----
A4 BW:                               2
A3 BW:                               0
A4 color:                            0
A3 color:                            0
Total:                               2
-----PrinterKiosk prints-----
A4 BW:                               0
A3 BW:                               0
A4 color:                            0
A3 color:                            0
Total:                               0
-----Paid copies-----Free copies-----
A4 BW:                               1           1
A3 BW:                               0           0
A4 color:                            0           0
A3 color:                            0           0
Scan:                                1           0

```

***** Counters since commissioning *****

```

-----Sales revenues-----
Cash:                               £1.25
BankCard:                            £2.40
Phone:                               £0.00
Total:                               £3.65
-----
Overpayment:                         £2.65
-----Copies-----
A4 BW:                               0
A3 BW:                               0
A4 color:                            0
A3 color:                            0
Scan:                                4
Total:                               4
-----Locals prints-----
A4 BW:                               11
A3 BW:                               0
A4 color:                            1
A3 color:                            0
Total:                               12
-----PrinterKiosk prints-----
A4 BW:                               0
A3 BW:                               0
A4 color:                            0
A3 color:                            0
Total:                               0
-----Paid copies-----Free copies-----
A4 BW:                               3           8
A3 BW:                               0           0
A4 color:                            1           0
A3 color:                            0           0
Scan:                                4           0

```

***** Price *****

```

A4 BW:                               £0.10
A3 BW:                               £0.20
A4 color:                            £0.30
A3 color:                            £0.60
Scan:                                £0.10

```