

CACHENET 10K USER MANUAL

ARMOR SAFE TECHNOLOGIES
www.armorsafe.com

Document History		
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Store Information

Store Name: _____

Address: _____

Address: _____

City: _____ **State:** _____ **Zip:** _____

Serial Number: _____

Model Number: _____

Terminal ID Number: _____

Installation Date: _____

Armored Car Company: _____

Warranty

A.) Warranty - Armor Safe Technologies, LLC hereby warrants, subject to the conditions and exceptions herein below set forth, that should the Armor Safe Technologies, LLC product purchased prove defective by reason of improper workmanship or materials, Armor Safe Technologies will repair or replace all necessary parts without charge for parts or labor for a period of up to one year after the original installation date. If installation date is undocumented, the serial number date plus 15 days will be used. Labor, in connection with any replacement or repair work, will be performed during the period of 8:00 a.m. to 5:00 p.m. Monday through Fridays local site time. This warranty expressly does not cover paper jams and bill path jams. Consumable items such as paper, printer ribbons, plastic tubes, envelopes, bill boxes, bags, and keys are warranted only to the extent that such items are shipped in new, proper working condition from Armor Safe Technologies.

B.) Maintenance - Failure to maintain the general upkeep, cleaning, and lubrication may, at the discretion of Armor Safe Technologies, result in voiding the warranty.

C.) Inspection - The customer will inspect the product promptly after receipt and shall notify Armor Safe Technologies in writing at PO Box 560275, The Colony, TX 75056 of the facts upon which any claim may be based including claims of breach of warranty, within 30 days after discovery or within 30 days after such claim or breach should have been discovered. Failure to give written notice of a claim within that period may, at the discretion of Armor Safe Technologies, LLC be deemed a waiver of such claim.

D.) The warranty start date will start no later than 15 day after the date of manufacture, unless prior notification of delayed installation is given in writing to the above address.

E.) Abuse, Unauthorized Repair - The product or any of its electronic or mechanical parts must not have been altered repaired or serviced by anyone other than an authorized service facility. The serial number must not have been altered or removed. The product must not have been subject to accident, misuse, abuse or operated contrary to the instructions accompanying the product.

F.) Limitations of warranty - The provisions of paragraph "A" are the sole obligation and exclude all other remedies and warranties, express or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, whether or not purpose or specifications are described herein. Further, Armor Safe Technologies, LLC disclaims any responsibility whatsoever to you or to any other person for injury to person or damage to or loss of property or value caused by any product which has been subject to misuse, negligence, or accident misapplied or used in violation of product manuals, instructions or warning, modified or repaired by unauthorized persons or improperly installed. Should this product prove defective in workmanship or material, the consumer's sole remedy will be such repairs or replacement as above expressly provided in this document and under no circumstances will Armor Safe Technologies, LLC be liable for any loss or damage, direct or consequential, arising out of the use or improper functioning of the product.

G.) Limitation of action - No action, regardless of form, arising out of this contract may be commenced more than one year after cause of such action has occurred, except any action for non- payment.

H.) FCC Statement- THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS. (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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Statements

This manual describes general features, functionalities and hardware structure of this machine. The process of installation and configuration of operating system and controlling software.

The product described in this manual is a licensed product of Armor Safe Technologies LLC.

To ensure safe operation on this product, users should carefully study the contents provided in this manual.

Any unauthorised modification on this product, replacing current cables/modules or introducing new ones which have no AST qualification to this product, AST takes no responsibility or liability for any consequences caused by those modifications.

Armor Safe Technologies, reserves the right to introduce improvements to this product based on new technology or components, without prior notice.

Illustration/picture in this manual might differ from actual product, which have no effect on operation procedure.

General Safety Precautions

To ensure the safe operation of the machine, please carefully read the notes on safety provided below as well as the contents on this manual. Armor Safe Technologies will not bear any responsibility for the damage or injuries arising from the misuse of the machine or not following the notes and contents provided.

Notes on operation safety

1. When the machine is running, don't switch the power off, remove the power plug or open any modules
2. When the machine is running, don't touch any moving parts with your hands or by any other method.
3. Do not lay any materials on the machine
4. Do not leave any nails, screws, pins, wires, toothpicks, or other articles in the interior of the machine
5. Please remove the power plug if the machine is not used for a long period.
6. Please remove notes jammed as per the given instructions on this manual

If one of the following phenomenons occur, please immediately stop operating the machine

1. The machine produces smoke, strange smell, or unusual noises
2. Electric leakage occurs
3. Water or liquid enters the machine (water or liquid leakage occurs on top of the machine or the machine is submerged by water or other liquid)
4. Unstable power supply, voltage dip, or short interrupt occurs.
5. A contrived damage to the machine
6. The machine is placed in an environment of lampblack, steam, high humidity, or heavy dust.
7. The power cable is broken or the plug is damaged.

Repair Work

- Repair work may only be carried out by authorised personnel
- Unauthorised opening off the device or repair work carried out improperly could result in considerable danger to the user.

General Introduction

- Cash intensive solution, providing high capacity of cash with very fast transaction process.
- Supports multiple currencies
- Equipped with state of the art banknote detection technology, visible light image analysis, infrared light image analysis, transmitted light image analysis, ultraviolet fluorescence analysis, full length magnetic analysis, full size thickness detection, double side contact image scan.
- Escrow function
- 720 notes per minute processing speed
- 7" in built touch screen/Control Panel
- Receipt Printer
- Barcode Scanner/Optional
- High capacity re-usable bag 10000 Notes
- Strong safe



General Introduction



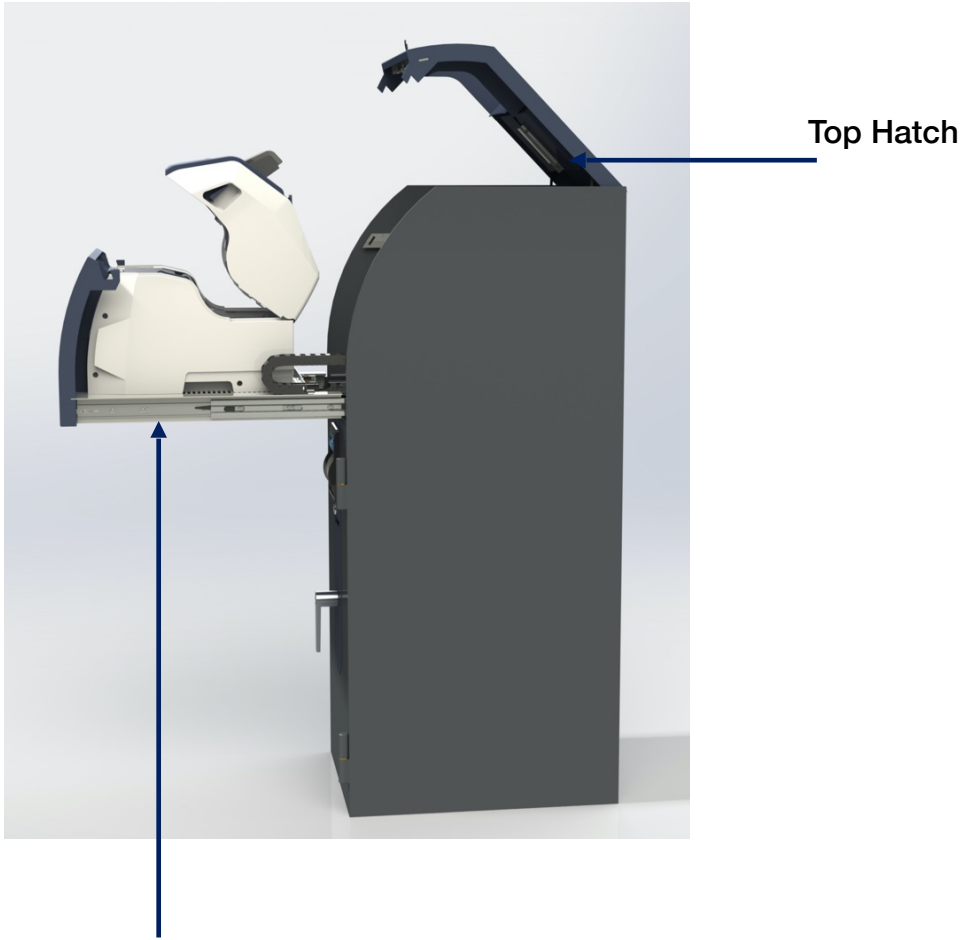
Note Processing Unit



Re-usable Canvas Bag

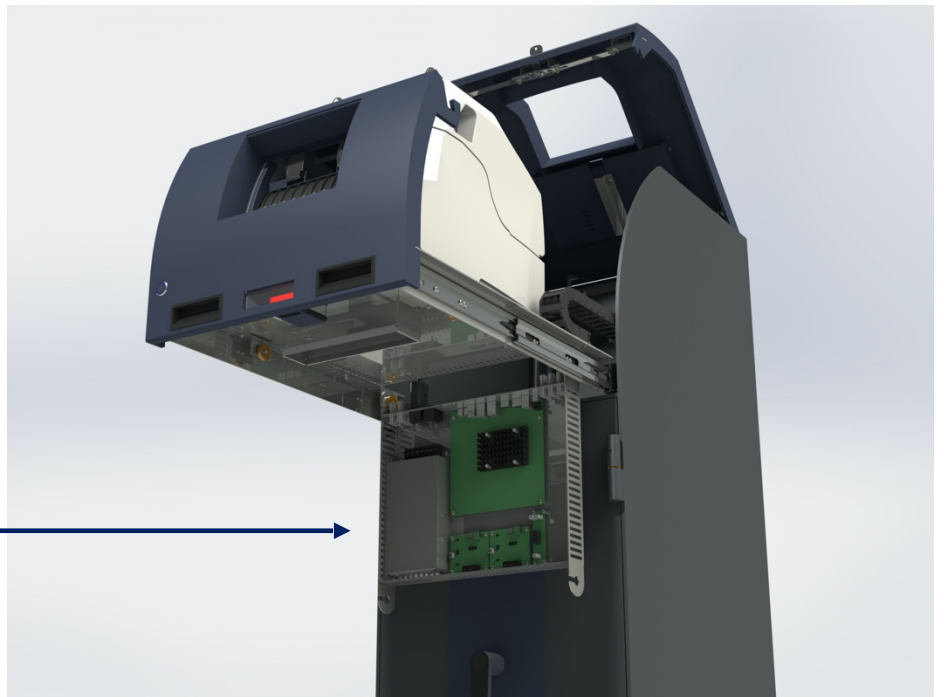
Manual Drop Slot

General Introduction



Note Processing Unit

Processing Unit Tray

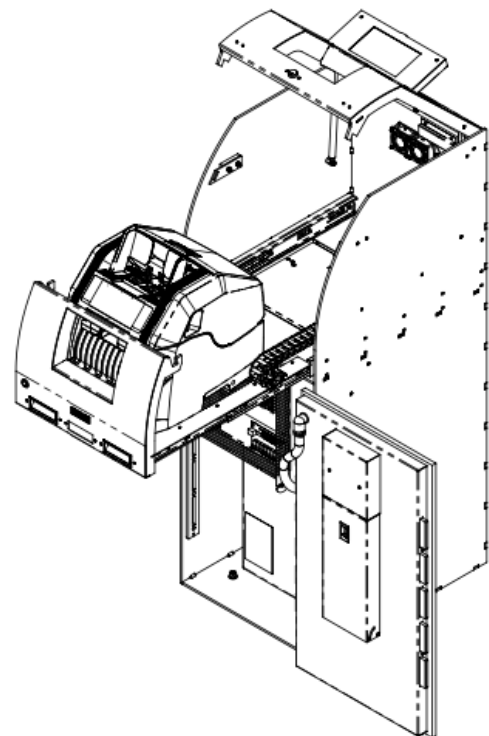
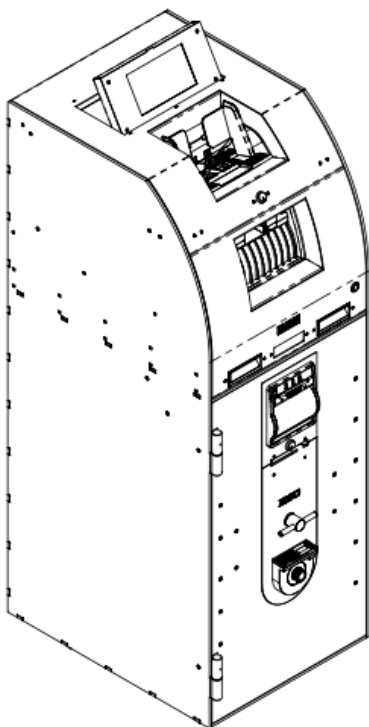
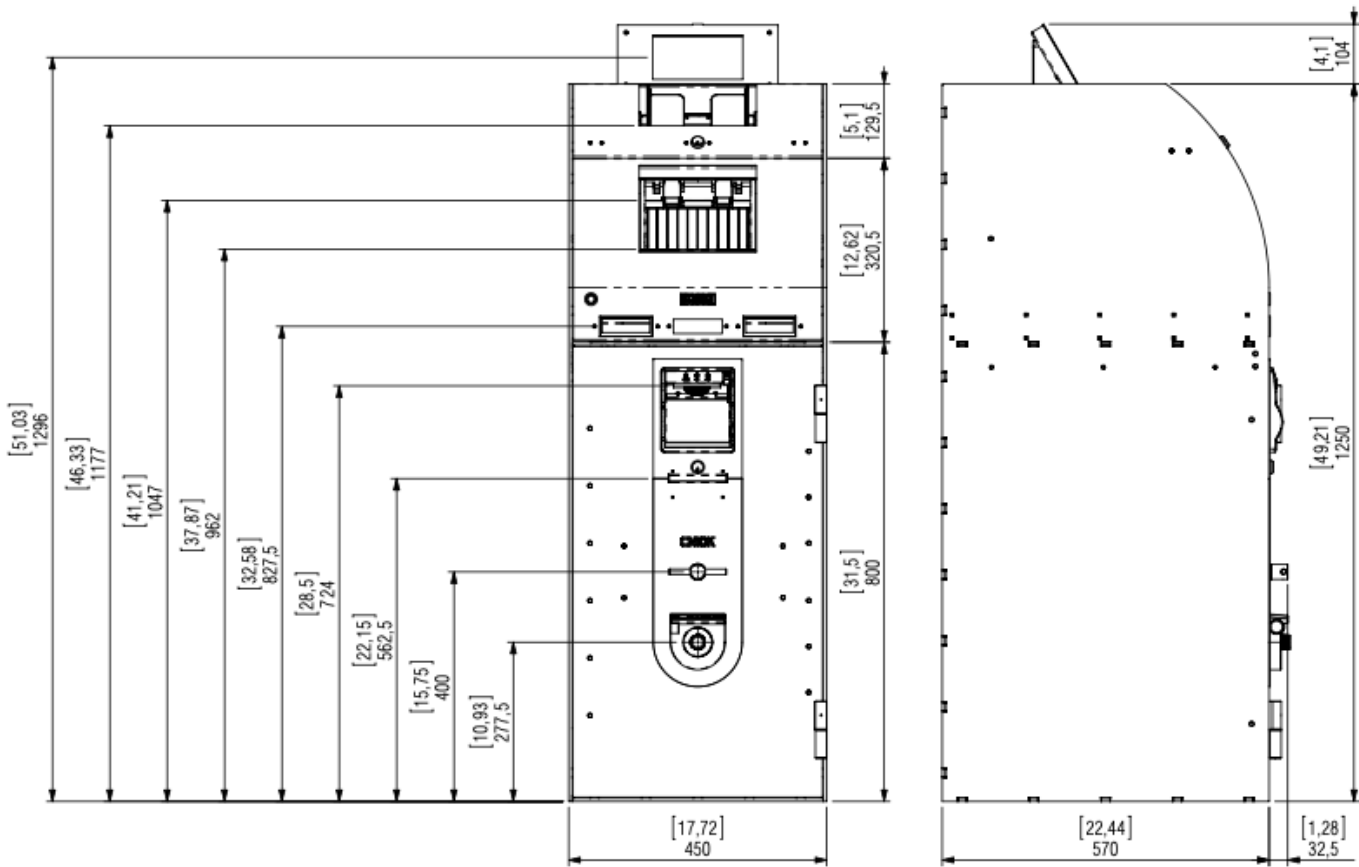


Notes

GENERAL INSTRUCTIONS

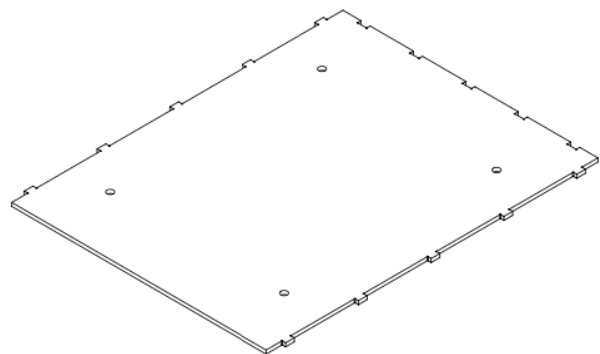
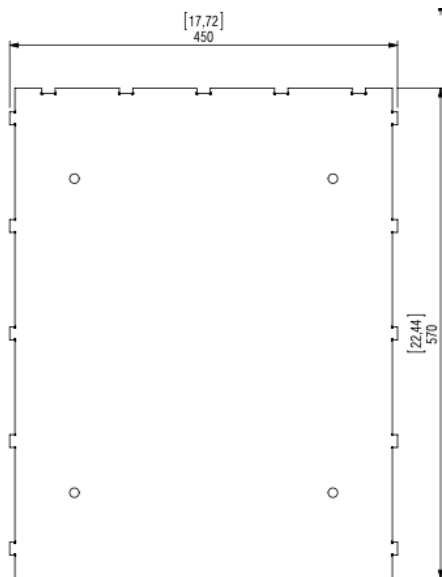
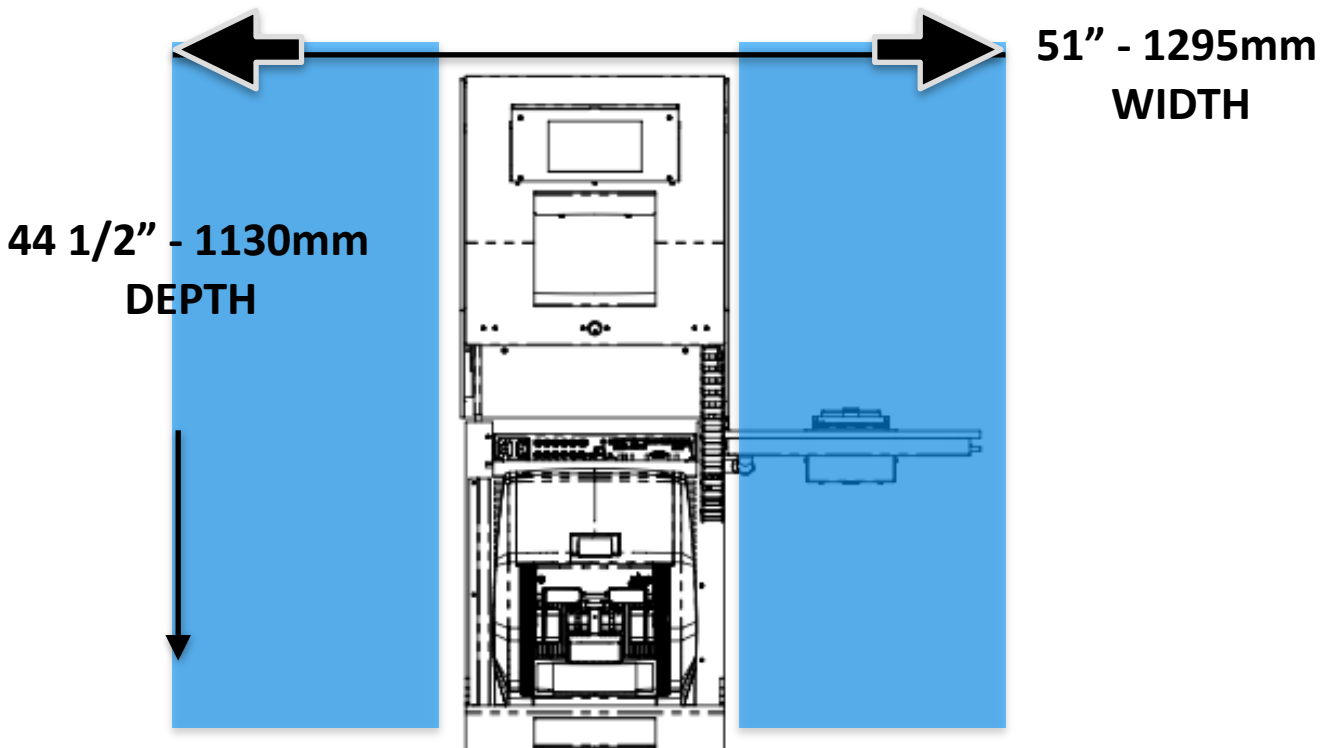
CN10K

OVERALL DIMENSIONS

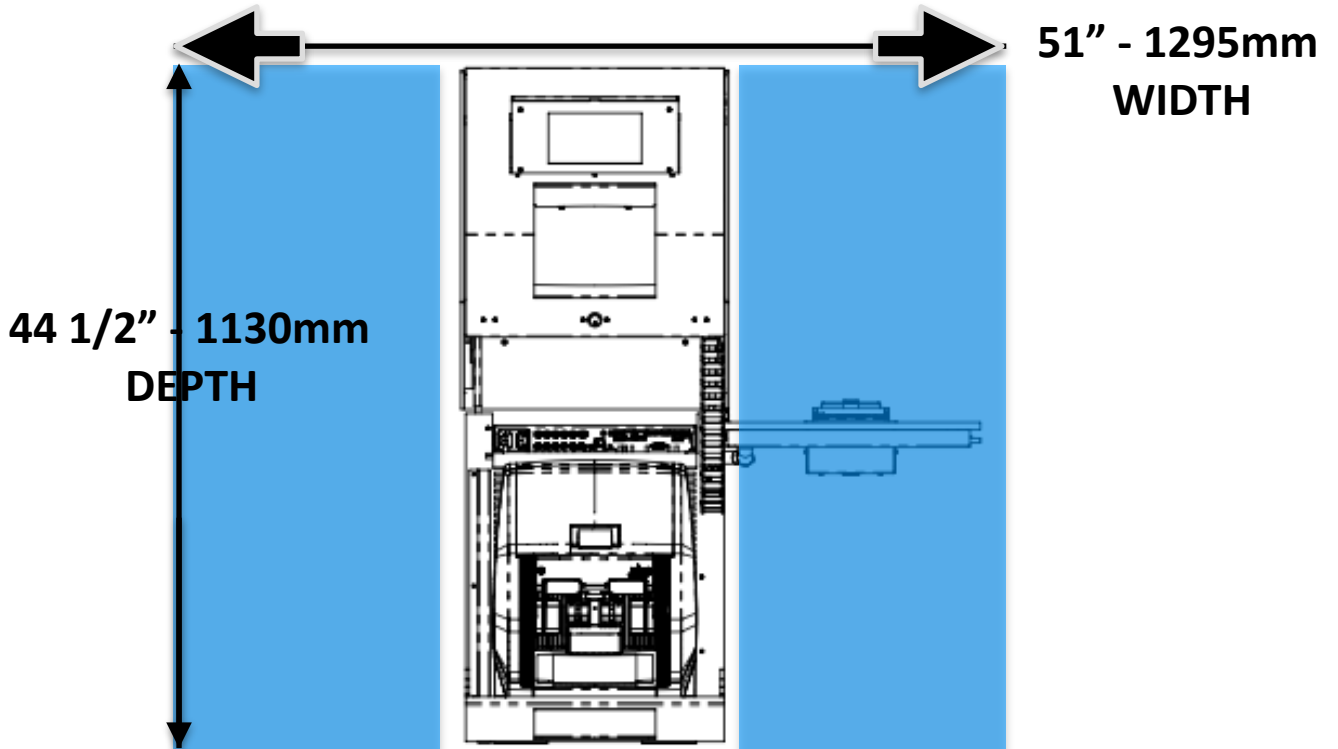
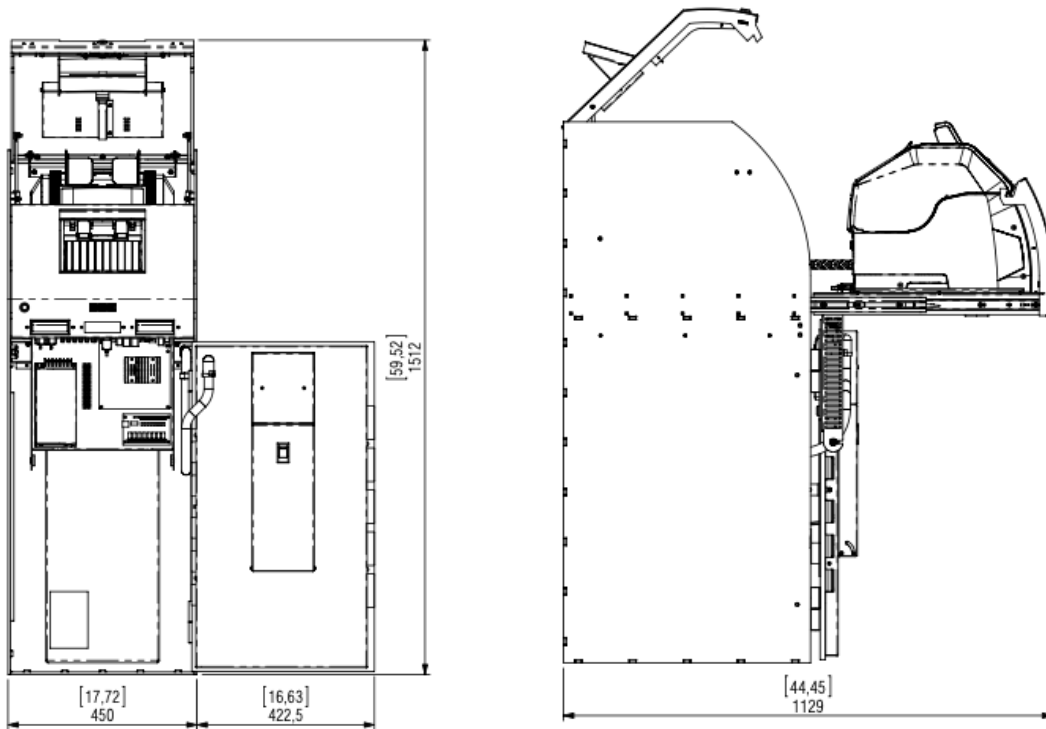


Site Requirement & Installation

- Below is an illustration of the recommended space site for the convenience of operation and maintenance
- The equipment must be fixed to the ground by expansion bolts.
- 4 holes are allocated in the safe bottom to allow for fixing.
- The ground requirements should be strong and durable to take the weight off the whole machine.
- It is recommended the ground be of concrete and must be flat.



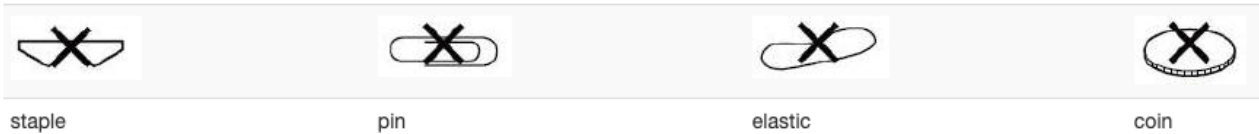
Site Requirement & Installation



General Operating Observations

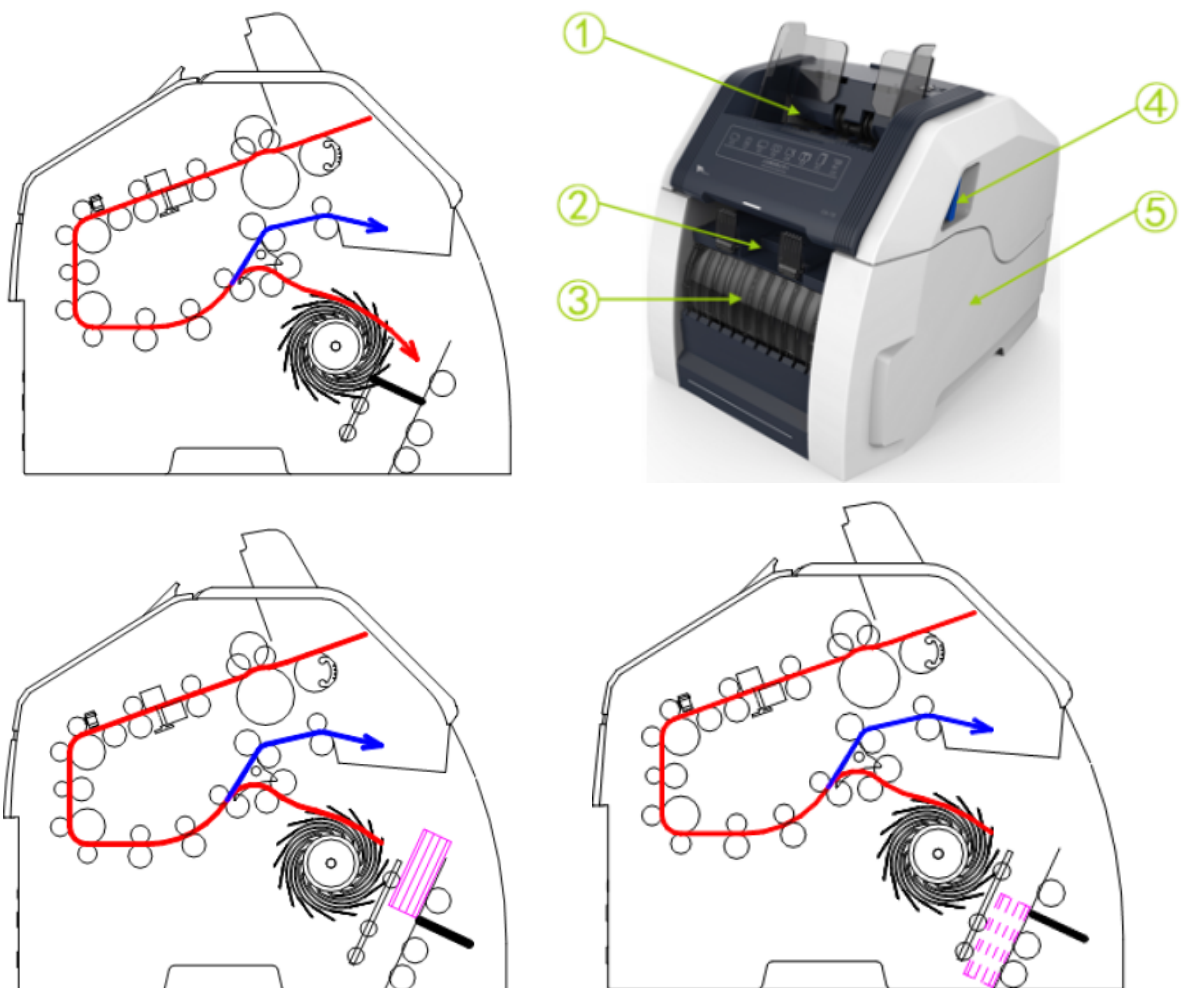
Banknote Preparation

Banknotes with good quality are always in favour of machine's smooth performance. Before loading any banknotes to the input slot, make sure there are no attached objects to the notes, such as staples, pins, rubber bands, coins, etc...



Working Principle

Banknotes are introduced into the Input Slot 1. The notes are then processed following the red path to be identified. After identification, notes are qualified, these are delivered to the Temporary Slot or Escrow 3. If notes are not identified, these are rejected and follow the blue path to be delivered to the Reject Slot 2. Once in the Temporary Slot/Escrow 3, notes are then delivered to the Safe Bag.



Bill Note Jam Removal

To clear any possible jams, follow the figures below and inspect the different slots.

Figure A:

1. Input Slot
2. Reject Slot
3. Temporary Slot/Escrow
4. Handle Open Upper Transport
5. ID

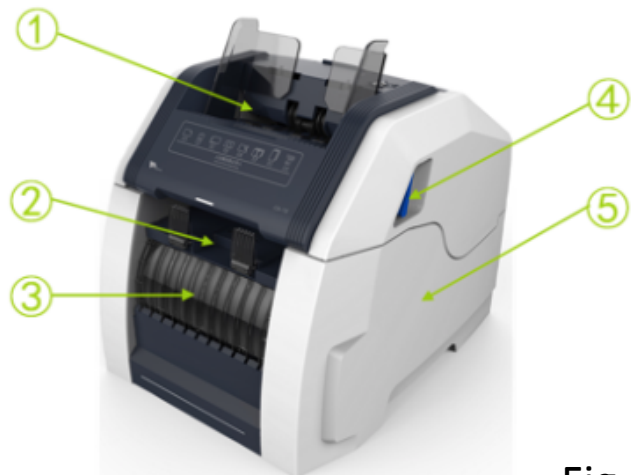


Fig A

To clear any possible jams, follow the figures below and inspect the different slots. To Open the Upper Transport path use the handle 4 fig.A
Check both upper and lower transport units for any bills.

Figure B:

1. Upper Transport path
2. Note Validator Unit
3. Upper Transport locking hook
4. Lower Transport locking hook
5. Lower Transport path



Fig B

Figure C:

If it is impossible to remove the jam notes manually, use the green knob 2. Rotate counterclockwise until the fragments of the notes or notes are cleared up

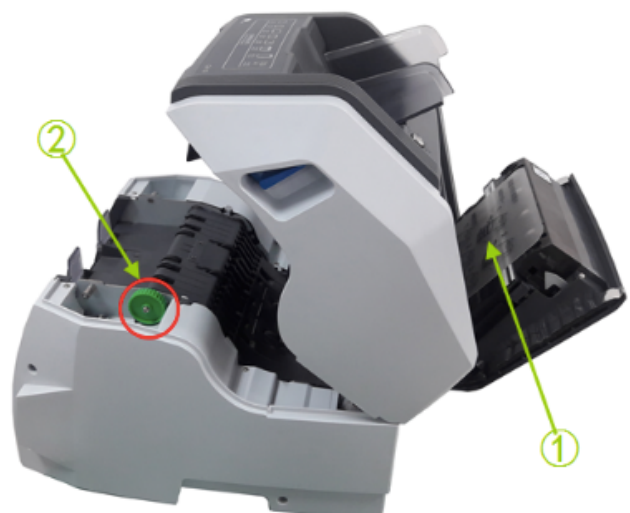
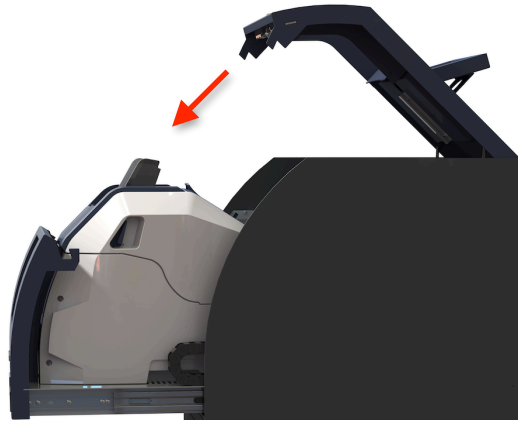
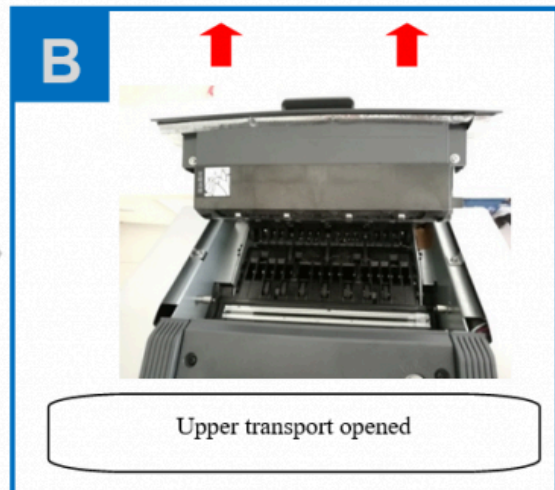
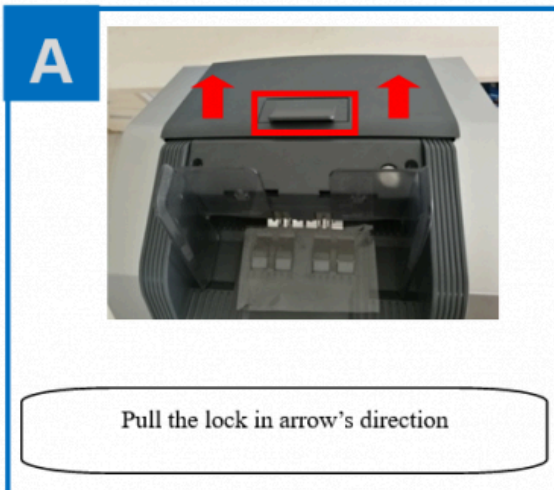


Fig C

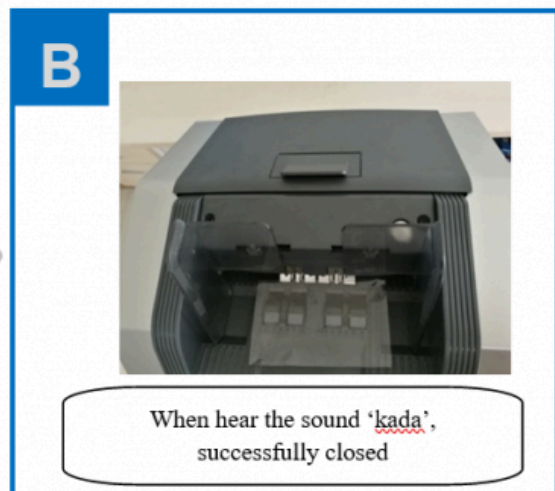
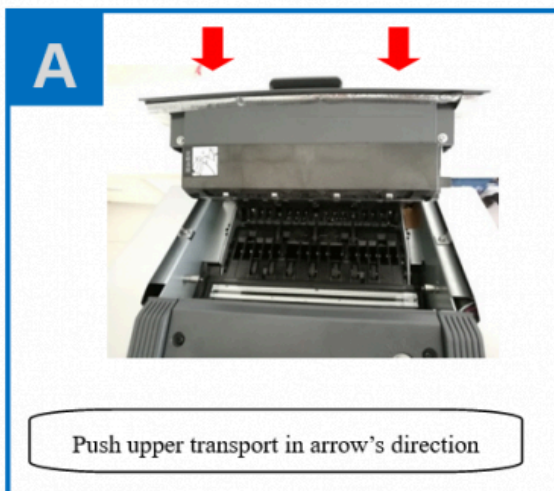
Bill/Note Jam Removal Upper Transport



open



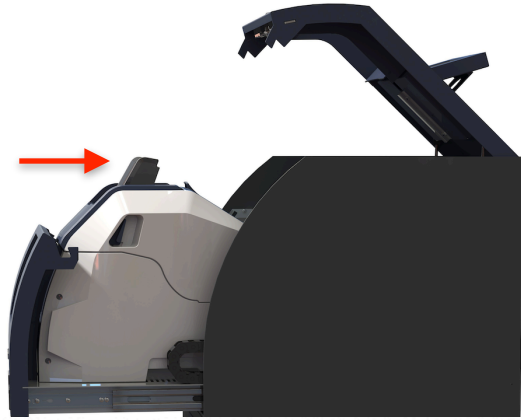
close



Bill/Note Jam Removal Lower Transport



open



A

Push handle in arrow's direction

B

Lift upwards to the top & let go, upper transport successfully opened.

close

A

Lift upwards to the top, then push downwards

B

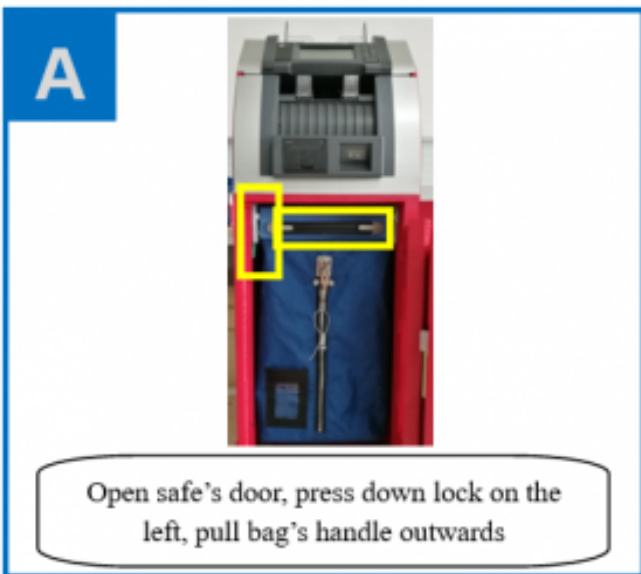
When hear the sound 'kada', successfully closed

Cash Bag Removal/Loading

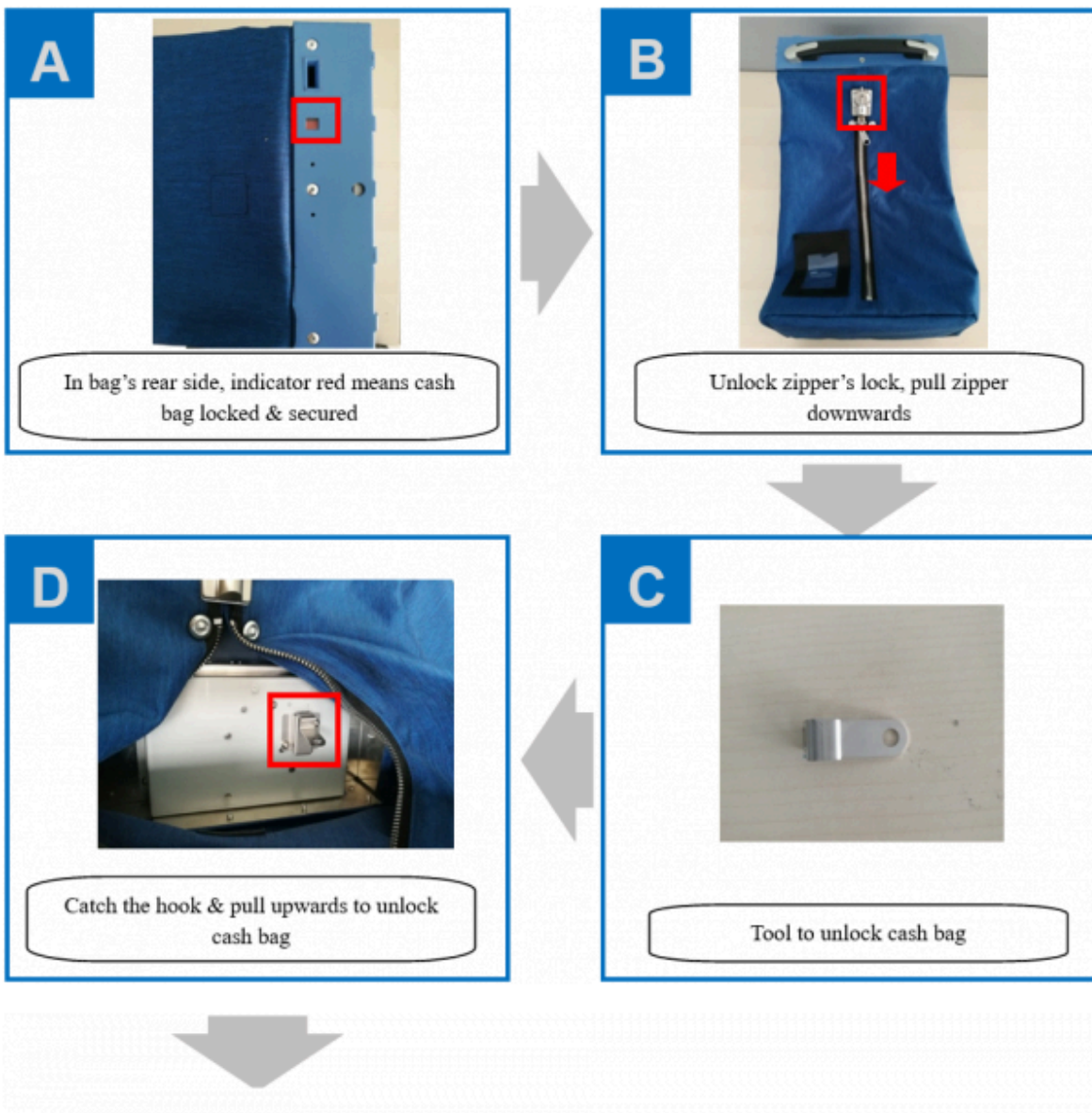


cash bag

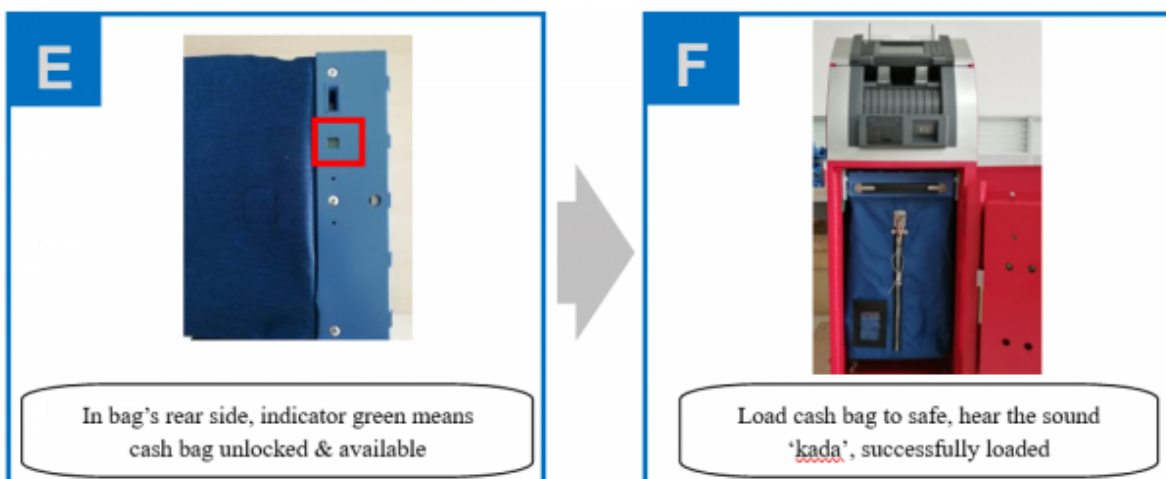
pull out



load cash bag



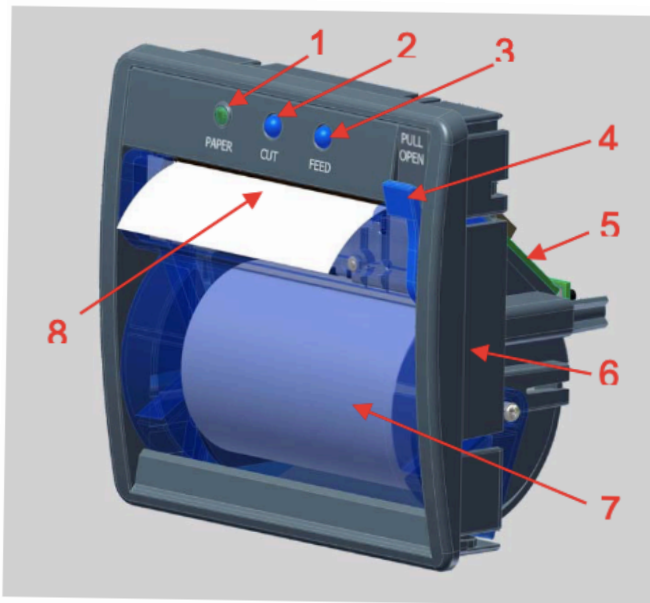
Cash Bag Removal/Loading



Printer

The CN10K comes equipped with an embedded printer. General features of the printer are:

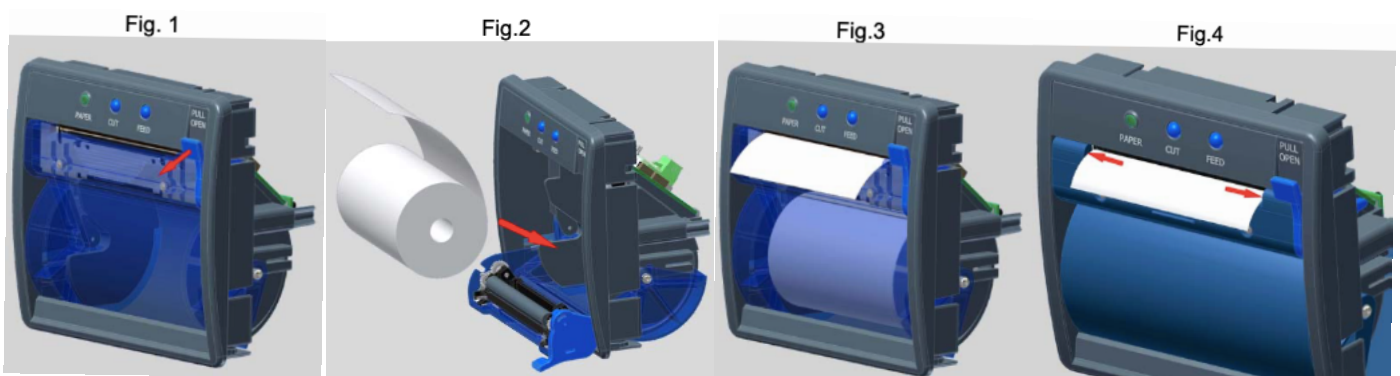
- High printing speed
- High printing resolution
- Easy paper loading
- Full and partial cut modes
- Jamming and damage prevention
- Printer status



- 1- Led status
- 2- Cut button
- 3- Paper feed button
- 4- Lever (for Cover opening)
- 5- Controller board
- 6- Frame
- 7- Cover
- 8- Paper exit

How to load a Paper Roll correctly

- Pull the Lever to open the Cover (fig.1), remove any previous roll core from the printer
- Load a paper roll of correct size 3" (fig.2)
- Close the Cover gently, leaving a few centimetres of paper out of the printer (fig.3), apply a uniform force on both left/right sides of the Cover, avoid twists effects, be sure the Covers is closed completely and the paper is well centred at the Cover paper guide exit. (fig.4)
- Once the paper has been loaded, it is recommended to perform a few centimetres of paper feeding to allow a correct paper path alignment (use feed button)
- To finish the loading operation, cut the paper by means of the CUT button, the printer is now ready to print.



Notes

SAFE PROGRAMMING

MASTER MENU

Log In

Before the system can be used, you must identify yourself to the system. This is done by entering your **PIN** (**P**ersonal **I**dentification **N**umber).

Your PIN tells the system who you are, what privileges you are entitled to and who should be credited with any transactions performed while you are logged in.

Each PIN is linked to a user number. When you perform any transaction, your user number becomes part of the transactions record.

This record is stored in the system's memory and is used to generate reports that show, who used the system, what functions were performed and any monies added to or removed from the system.

There are two different length PINs.

The four-digit PIN is a user. There are 239 users, and each user is part of a privileged class. This privileged class determines what functions are allowed to be performed.

The six-digit PIN is the system's programmer.

There is only one system programmer.

The programmer is only allowed to setup or change the system and run reports. He or she is not allowed to operate the system, i.e. open doors, add monies or remove monies.

When the system is idle, the date and time screen is displayed.

Please enter your PIN to begin

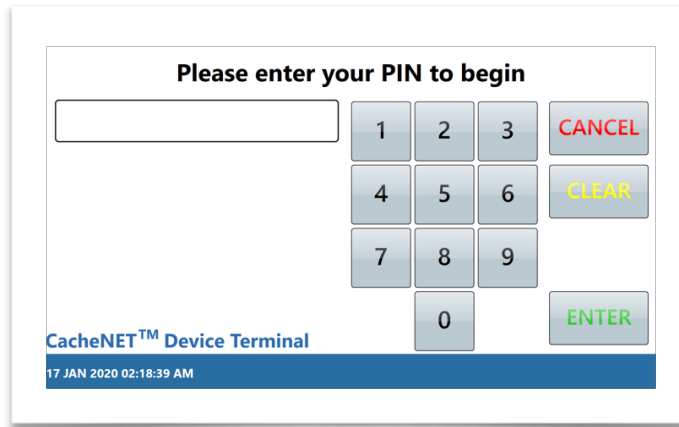
1	2	3	CANCEL
4	5	6	CLEAR
7	8	9	
	0		ENTER

CacheNET™ Device Terminal

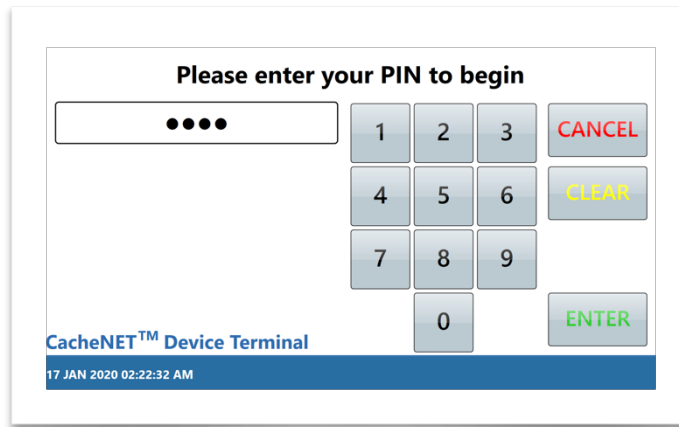
17 JAN 2020 02:18:39 AM

Log In

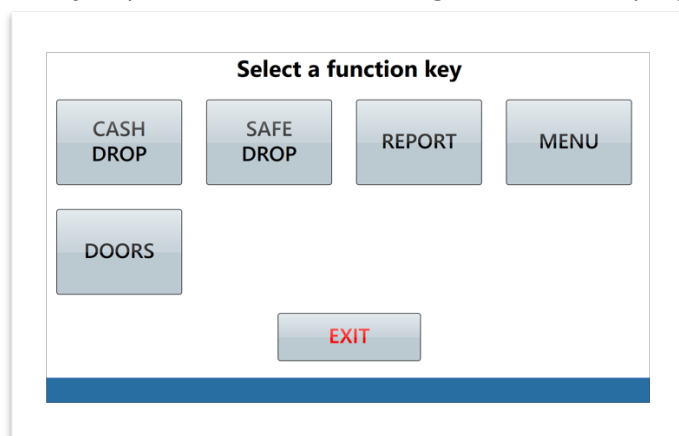
1. The user logs in by using the keypad and entering his or her PIN. When entering the first digit of the PIN, the following screen is displayed.



2. The user continues entering the PIN. When the last digit is entered, press the **ENTER** key



3. When the **ENTER** key is pressed, the following screen is displayed.



The user can then select one of the function keys. This screen is displayed for only 20 seconds. If a selection is not made, the system exits to the date and time screen.

Log In

If the user enters an incorrect PIN three times in a row, the system will lock out. This lock out condition will last for five minutes. **DURING THIS LOCK OUT PERIOD, THE SYSTEM IS UNUSABLE BY ANY USER.**

The lockout is also recorded in the system's memory as a **DENY** transaction.

Always log out by pressing **EXIT** key until the date and time screen is displayed

The system uses a menu timeout timer. If a key is not pressed for 20 seconds, the system assumes the user has stopped using the machine. At this time the system will step back one level. This level stepping will continue until the date and time screen is displayed.

WARNING: Do not rely on the automatic timeout feature to log out. This is a security risk and some operations do not incorporate this function

Program Safe

This chapter describes and explains the steps required to setup and maintain the system. This section is only accessible using the six-digit MASTER programmer PIN.

Program safe changes are reported on the system's **DETAIL REPORT** and can be reprinted using the **DATE TRANS REPORT** section of the **ARCHIVE REPORTS**.

To access one or all of the program safe options, log in to the system using the six-digit PIN and choose the function.

Familiarise yourself with the following Program Safe ScreenShots of the Master Menus.

Master Menu - Screen 1

Please select the desired function

REPORTS	MASTER PIN #	PROGRAM USER	USER PRIVILEGES
PROGRAM SAFE ID	PROGRAM SERIAL NUMBER	DOOR DELAYS	SET DOOR LOCK
EXIT		NEXT >>	

Release v. 1.4.2

Master Menu - Screen 2

Please select the desired function

DATE FORMAT	DATE & TIME	SEAL # ENABLED	SHOW PIN
END OF DAY INFO	LANGUAGE	DEFAULT CURRENCY	BAG SIZE
<< BACK		NEXT >>	

Release v. 1.4.2

Master Menu - Screen 3

Please select the desired function

BAG MAX VALUE	RECEIPT ON/ OFF	REPORTS NUM COPIES	SAFE DROP TYPES
TIMEOUTS	DATA STORAGE TIMESPAN	NETWORK SETTINGS	DASHBOARD
<< BACK		NEXT >>	

Release v. 1.4.2

Master Menu - Screen 4

Please select the desired function

MAN XACT (ON/OFF)	ARMOR CAR	HATCH SOLENOID	SYSTEM SIGNALS
UPS	CONFIGURE DM150D	SOFTWARE UPDATE	SYSTEM SHUTDOWN
<< BACK		NEXT >>	

Release v. 1.4.2

Master Menu - Screen 5

Please select the desired function

SYSTEM
REBOOT

EXPORT LOG
FILE

RECORDS
VIEWER

SERVICE
CODE

<< BACK

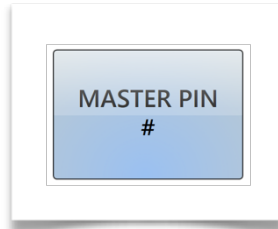
Release v. 1.4.2

Master PIN Menu

The master PIN is also referred to as the programmer PIN. The programmer PIN is a six-digit number, all other PINs are four- digit. The default master PIN is 123456.

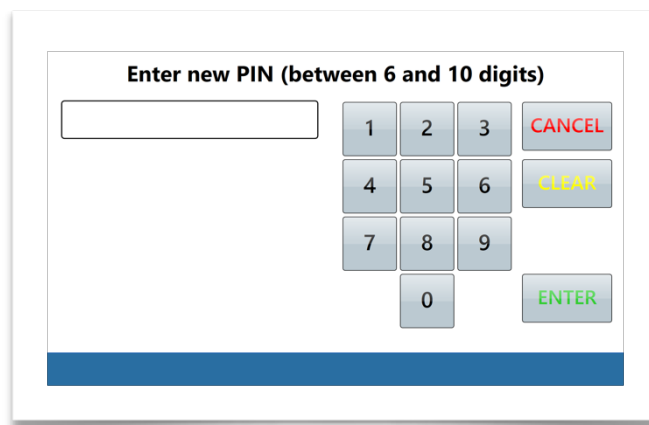
1. Choose the function:

N

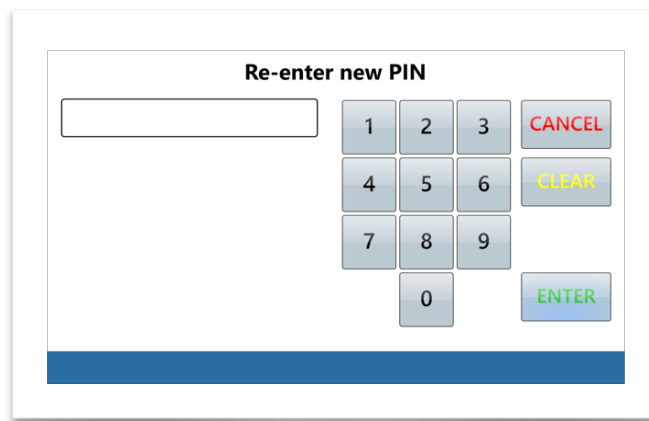


2. After pressing **ENTER**, the following screen is displayed.

Using the system's key pad, enter the new six-digit PIN. Each number is displayed as you enter it.



3. After you enter the sixth digit of the new PIN, the following screen is displayed.



Master PIN Menu

4. You must enter the new PIN a second time. The PIN entered on the first screen and the PIN entered on this screen must be the same, or the new PIN will be rejected.

Re-enter new PIN

1 2 3 CANCEL

4 5 6 CLEAR

7 8 9

0 ENTER

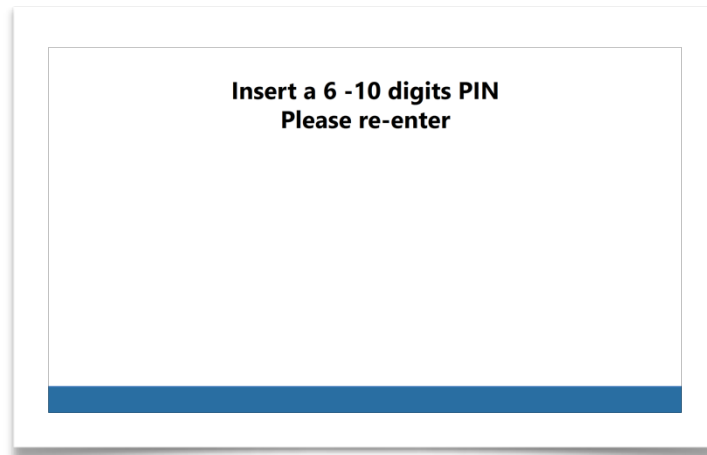
5. If the new PIN is accepted, the following screen is displayed.

New Master PIN
entered

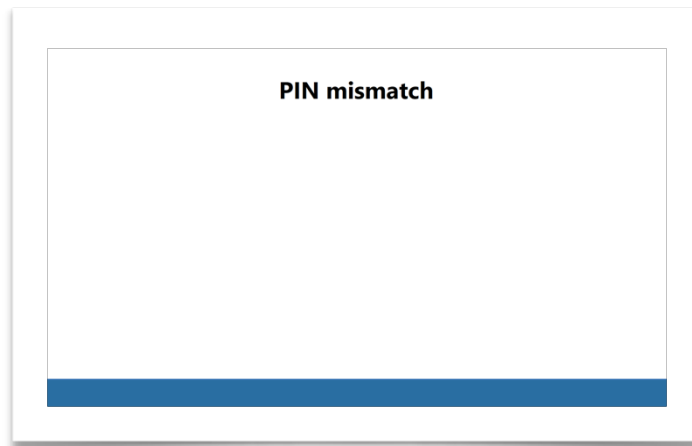
This screen is displayed for five seconds. The screen will return to the program safe menu selections

Master PIN # Programming Errors

The following screens may appear while programming the new master PIN.



The programmer's PIN must be between six- and ten- digits long. If the PIN you enter is less than six-digits or more than ten-digits. This message above will be displayed for five seconds. You will be required to restart at step 2 above.



The six-digit programmer's PIN just entered does not match the first number you entered. You will be required to restart at step 3 above.

NOTE: If you wish to discontinue the master PIN changing process, press the key at any time prior to the system confirming the new master PIN. The previous master PIN will remain in effect.

We suggest that you use the 123456, PIN until familiar with the system's operations. However, change the PIN for security reasons before the safe is placed into service.

IMPORTANT: Write down the PIN and keep it in a safe place. The master PIN is required to perform all programming functions.

If you misplace your Master PIN please contact with ARMOR Service Customer Support at 800-487-2766

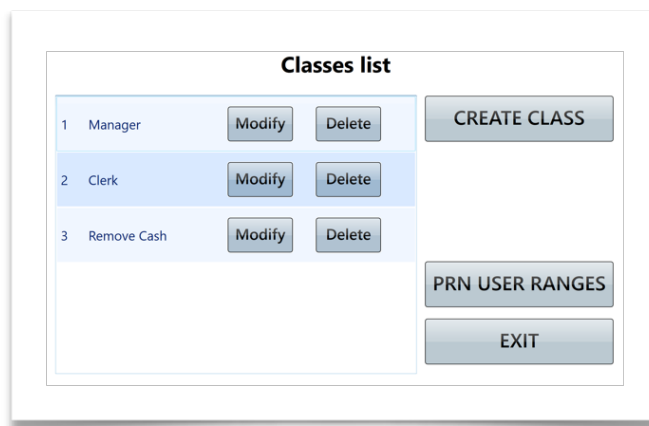
User Privileges

The user privilege programming function allows the programmer to specify what functions a privilege class (security level) has access to. You must have at least one privilege. A privilege class can have any number of users from 1 to 239. Each user in the privilege class has the same functions as every other user in the same privilege class.

Enter the Master PIN and press the following function:



The system will show the following mask then:



- **MODIFY** Modify the correspondent class.
- **CREATE CLASS** Create a new class.
- **DELETE** Delete the correspondent class.
- **PRT USER RANGES** Print all the of the user classes by name and the user numbers in the class.

Modify Class

1. Press the **Modify** key corresponding to the class to modify then follow the steps.
2. Edit the class name:

3. Edit the minimum class range:

4. Edit the maximum class range:

Modify Class

5. The edit all the class privileges in the following two masks:

User Privileges				User Privileges			
Cash Drop	<input checked="" type="checkbox"/>	Safe Exchange	<input checked="" type="checkbox"/>	Remove Cash	<input type="checkbox"/>	Clr Report	<input checked="" type="checkbox"/>
Dispense	<input checked="" type="checkbox"/>	Dispense Till	<input checked="" type="checkbox"/>	Program User	<input type="checkbox"/>	Override Report	<input checked="" type="checkbox"/>
Safe Drop	<input checked="" type="checkbox"/>	Load Safe	<input checked="" type="checkbox"/>	User Report	<input checked="" type="checkbox"/>	Date Time	<input type="checkbox"/>
Cash Exchange	<input checked="" type="checkbox"/>	Open Door	<input type="checkbox"/>	Shift Report	<input checked="" type="checkbox"/>	Private	<input type="checkbox"/>
<input type="button" value="EXIT"/> <input type="button" value="NEXT >>"/>				<input type="button" value="EXIT"/> <input type="button" value="NEXT >>"/>			

6. At the end of the process is possible to print the current class parameters

Do you want to printout the class configuration?

Create a new Class

1. Press the Create Class key to create a new class and follow the steps
2. Insert the new class name:

1. Edit the minimum class range:

The image shows two sequential screens from a configuration interface. The first screen, titled "Min User", features a text input field containing the number "16". To the right of the input field is a numeric keypad with buttons for digits 1 through 9, 0, and a "CANCEL" button. Below the keypad are "CLEAR" and "ENTER" buttons. The second screen, titled "Class Name", features a text input field containing "NEW CLASS". It has navigation buttons "<< BACK" and "NEXT >>". Below the input field is a full QWERTY keyboard layout with a "123" button on the left and a "BACK" button on the right.

2. Edit the maximum class range:

The image shows a single screen titled "Max User". It features a text input field containing the number "238". To the right of the input field is a numeric keypad with buttons for digits 1 through 9, 0, and a "CANCEL" button. Below the keypad are "CLEAR" and "ENTER" buttons.

Create a new Class

3. The edit all the class privileges in the following two screens:

User Privileges		User Privileges	
Cash Drop	<input checked="" type="checkbox"/>	Remove Cash	<input type="checkbox"/>
Dispense	<input checked="" type="checkbox"/>	Program User	<input type="checkbox"/>
Safe Drop	<input checked="" type="checkbox"/>	User Report	<input checked="" type="checkbox"/>
Cash Exchange	<input checked="" type="checkbox"/>	Shift Report	<input checked="" type="checkbox"/>
Safe Exchange	<input checked="" type="checkbox"/>	Clr Report	<input checked="" type="checkbox"/>
Dispense Till	<input checked="" type="checkbox"/>	Override Report	<input checked="" type="checkbox"/>
Load Safe	<input checked="" type="checkbox"/>	Date Time	<input type="checkbox"/>
Open Door	<input type="checkbox"/>	Private	<input type="checkbox"/>

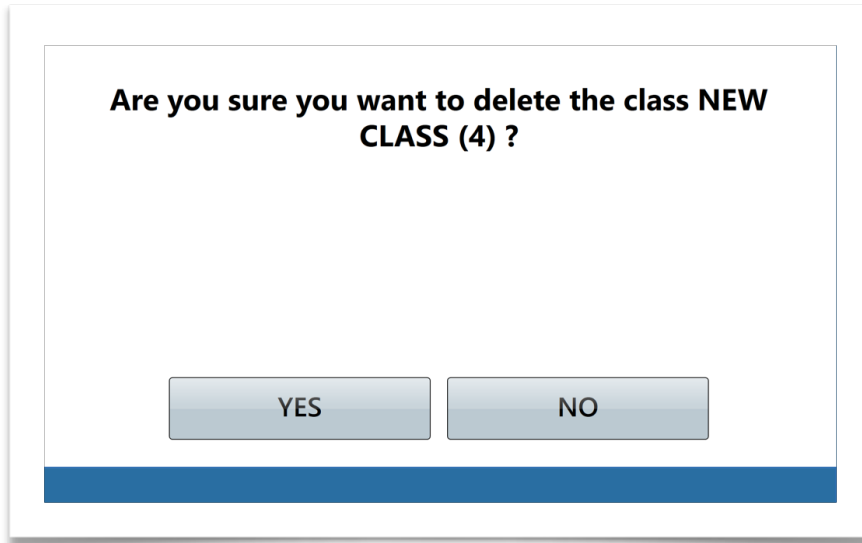
4. At the end of the process is possible eventually print the current class parameters

Do you want to printout the class configuration?

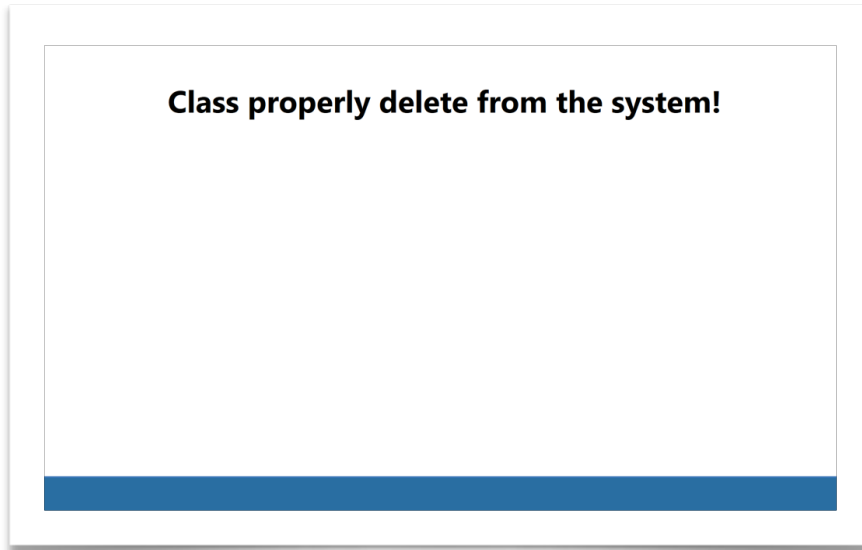
YES NO

Delete a Class

1. Press the Delete key corresponding to the class to modify then confirm the request



2. The software confirm that the class has been properly deleted with a message:



PROGRAMMING User Privilege (cont.)

OPTION	DESCRIPTION	NOTES/ REMARKS
MIN USER	Enter the starting user number for this privilege class. The number can not be included in any other user privilege class and must be at least one number lower than the MAX USER number.	
MAX USER	Enter the ending user number for this privilege class. The number can not be included in any other user privilege class and must be at least one number higher than the MIN USER number.	
CASH DROP	CASH DROP accessible from the CASH DROP key or included in the MENU group. This menu selection activates the bill reader.	
SAFE DROP	SAFE DROP accessible from the SAFE DROP key or included in the MENU group. This menu selection allows the user to enter a dollar amount into one of the system's safe drop categories.	
CASH EX-CHANGE	CASH EXCHANGE accessible from the DISP TUBE key or included in the MENU group. This menu selection allows the user to dispense only up to the amount inserted in the bill acceptors.	
SAFE EX-CHANGE	SAFE EXCHANGE included in the MENU group. This menu selection allows the user to dispense only up to the amount entered in safe drop. SAFE EXCHANGE is not available in HOT KEY mode.	

Table 1 (a)

User Privilege Class Programming Options

PROGRAMMING User Privilege (cont.)

OPTION	DESCRIPTION	NOTES/ REMARKS
DISPENSE TILL	DISP TILL included in the MENU group. This menu selection allows the user to dis- pense a cash till. The cash till is defined by the system's programmer. The DISP TILL menu selection overrides any time delays and requirements to insert money be- fore dispensing.	
LOAD SAFE	LOAD SAFE accessible from the LOAD SAFE key or included in the MENU group. This menu selec- tion allows the user to enter the number of money tubes being loaded in to the systems memory.	
OPEN DOOR	OPEN DOOR accessible from the DOORS key or included as an option under the MENU group. This option allows the user to open all doors in the system.	
REMOVE CASH	REMOVE CASH accessible from the DOORS key or included as an option under the MENU group. This menu causes the dollar amount stored in the bill box behind the door to be recorded and then cleared from memory.	
PROGRAM USER	PROGRAM USER PIN included in the MENU group. This menu selection allows the user to ADD, DELETE or MODIFY PINs except the six-digit PIN.	

**Table 1 (b)
User Privilege Class Programming Options**

PROGRAMMING User Privilege (cont.)

OPTION	DESCRIPTION	NOTES/REMARKS
USER REPORT	<p>1 = USER REPORTS included in the REPORTS menu group.</p> <p>Access to the USER REPORT for the currently logged user. The USER REPORT when selected, will run automatically.</p>	<p>Select only one of the three report types. If more than one is selected, the last one selected will be- come active.</p>
SHIFT REPORT	<p>1 = SHIFT REPORTS included in the REPORTS menu group. View report types are:</p> <p>END DAY REPORT USER REPORT (Any User) STATUS REPORT DETAIL REPORT SHIFT REPORT USER LOAD REPORT</p>	<p>Select only one of the three report types. If more than one is selected, the last one selected will be- come active.</p>
DATE / TIME	<p>1 = DATE / TIME included in the MENU group. This menu selection allows the user to set or change the system's clock and calendar.</p>	

PROGRAMMING Prn User Ranges

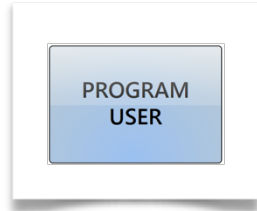
Pressing the button PRN USER RANGES the system will print a report similar to the one in figure 2

Table 1 (c)
User Privilege Class Programming Options

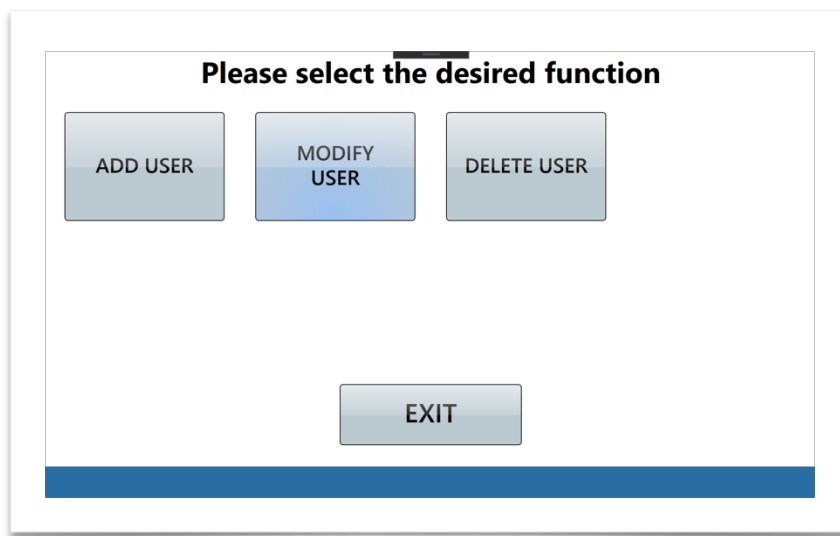
USER RANGES	
ACCOUNT #00000123-000456	
OCT 04, 2011 06:01:13PM	
CLASS NAME	RANGE
1: MANAGER	1 - > 15
2: CLERK	16 - > 239
3: REMOVE CASH	239 - > 239
END OF USER RANGE	

PROGRAMMING Program Users

The system offers a complete users management (add users, delete users, modify users). To access di functionalities enter the Master PIN and press the following function:



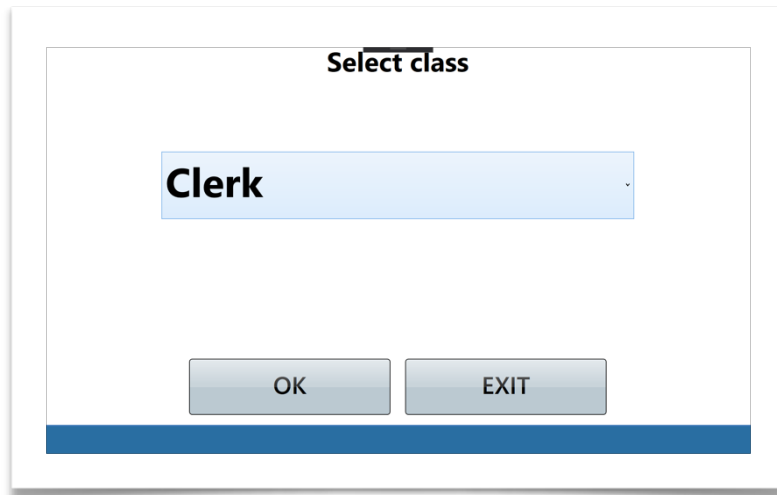
This function opens directly a menu with the different actions:



Add User

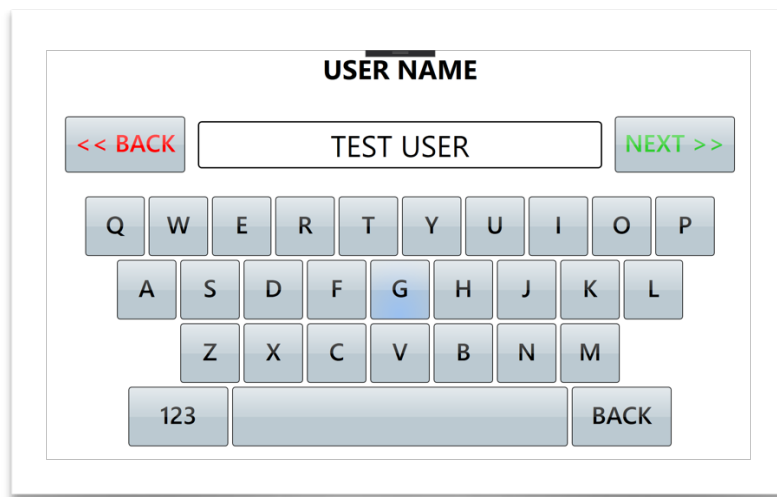
The add user function allow you to add a user to the system. You will be asked the privilege class, the user's name and their PIN.

1.The first action is to choose the class of the user:



then press OK to confirm and move forward or EXIT to terminate the procedure;

2.The second step is to insert the user name:



then press OK to confirm and move forward or EXIT to terminate the procedure;

Add User

3. Then is necessary to insert a user PIN

The screenshot shows a screen titled "Enter new PIN". On the left, there is a rectangular input field containing four black dots. To the right of the input field is a numeric keypad with buttons for digits 1 through 9, and 0. The keypad is arranged in a grid: 1, 2, 3 in the top row; 4, 5, 6 in the second row; 7, 8, 9 in the third row; and 0 in the fourth row. To the right of the keypad are three buttons: "CANCEL" (red text), "CLEAR" (yellow text), and "ENTER" (green text). The entire screen is framed by a white border with a blue bar at the bottom.

then press ENTER to confirm and move forward or CLEAR to delete the content or CANCEL to terminate the procedure;

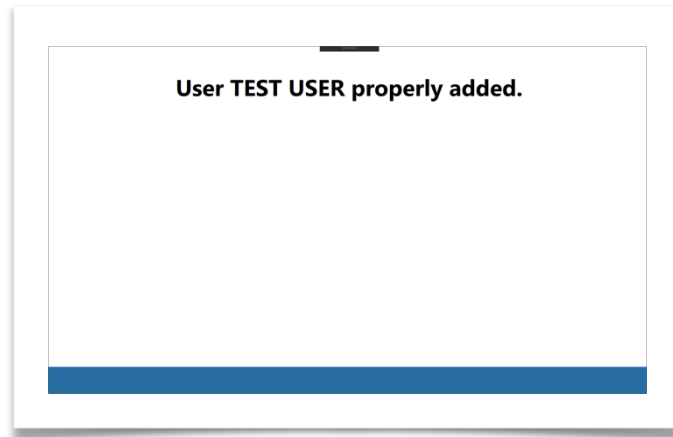
4. The PIN has to be confirm a second time:

The screenshot shows a screen titled "Re-Enter new PIN". It has the same layout as the previous screen, with an input field containing four black dots, a numeric keypad (0-9), and "CANCEL", "CLEAR", and "ENTER" buttons. The screen is framed by a white border with a blue bar at the bottom.

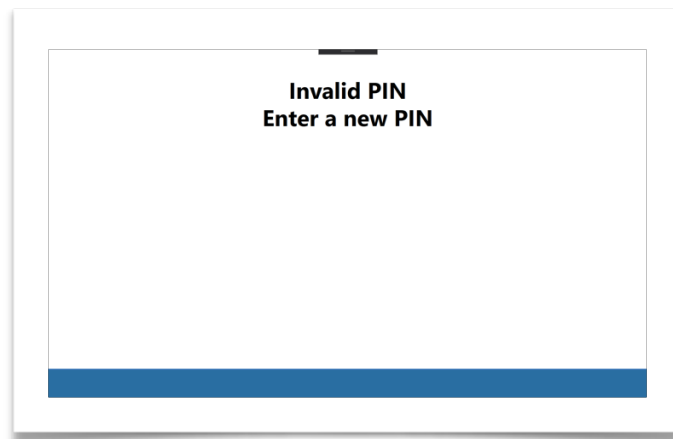
then press ENTER to complete the procedure or CLEAR to delete the content or CANCEL to terminate the procedure;

Add User

5. If the procedure end without any errors a similar message appears:



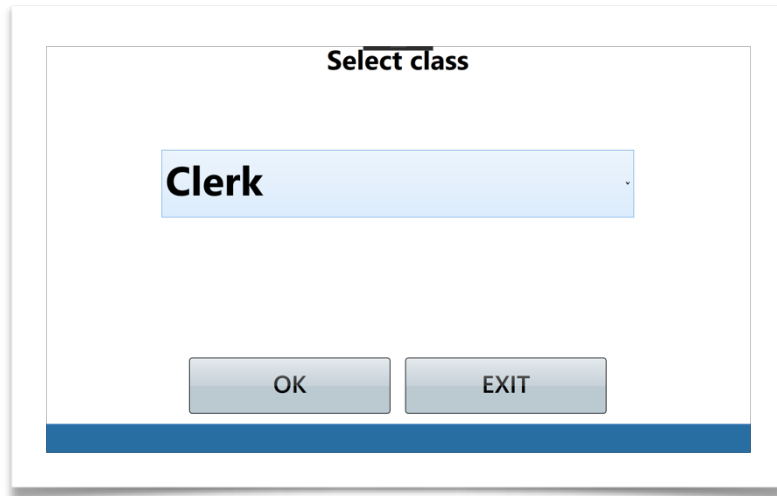
In case of not valid PIN inserted (for instance if the PIN is already in use) a message request to insert another time the PIN



Edit User

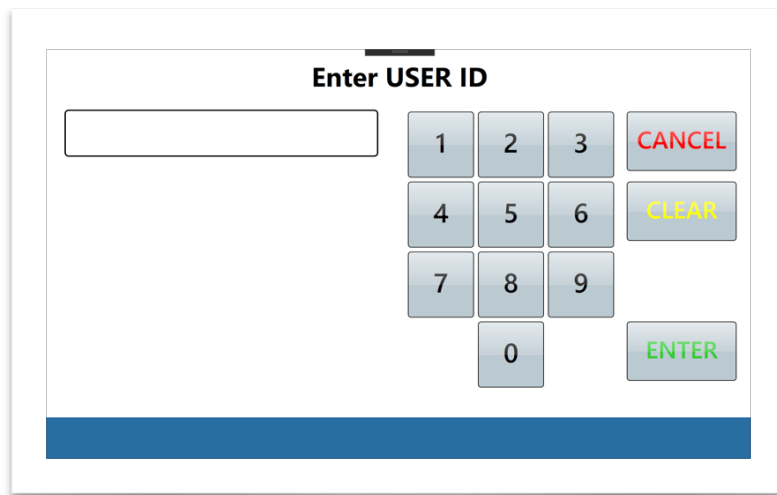
Edit an existing user involves a similar process illustrated to add a user:

1. The first action is to insert the USER ID of the user one need to modify:



The screenshot shows a dialog box titled "Select class". Inside the dialog, there is a dropdown menu with "Clerk" selected. Below the dropdown menu, there are two buttons: "OK" and "EXIT".

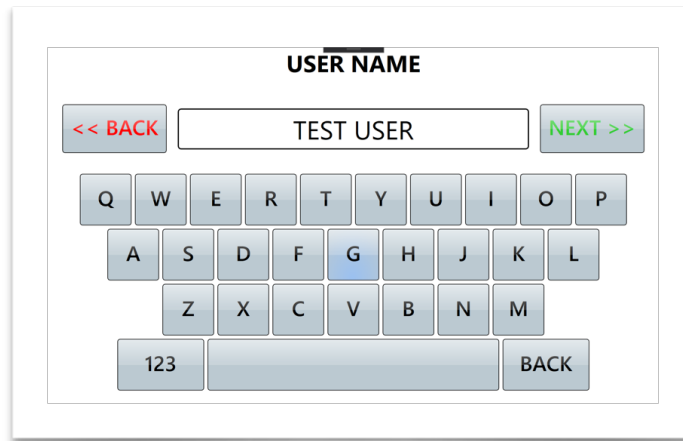
2. It's now possible to change the user class the user belongs



The screenshot shows a dialog box titled "Enter USER ID". On the left side, there is an empty text input field. On the right side, there is a numeric keypad with buttons for digits 1, 2, 3, 4, 5, 6, 7, 8, 9, and 0. Additionally, there are three function buttons: "CANCEL" (in red), "CLEAR" (in yellow), and "ENTER" (in green).

then press OK to confirm and move forward or EXIT to terminate the procedure;

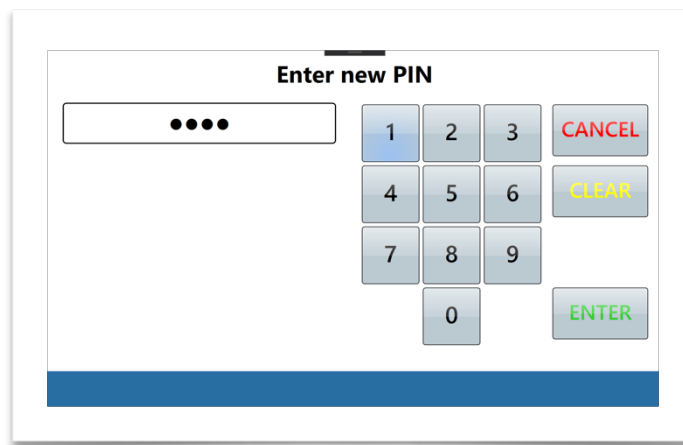
Edit User



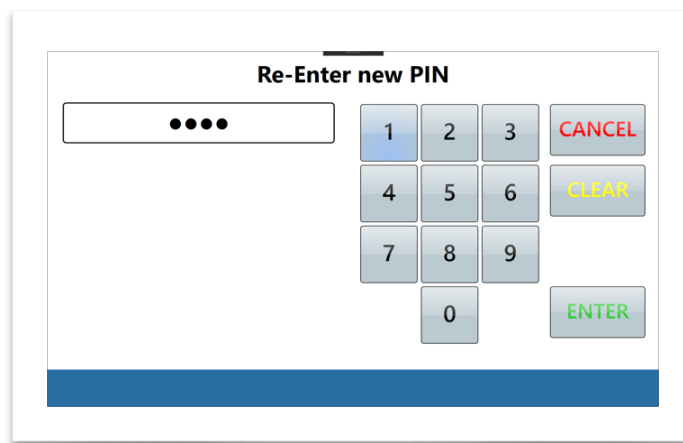
3. The second step is to edit the user name:

then press NEXT to confirm and move forward or BACK to terminate the procedure;

4. Then is necessary to insert a user PIN



then press ENTER to confirm and move forward or CLEAR to delete the content or CANCEL to terminate the procedure;

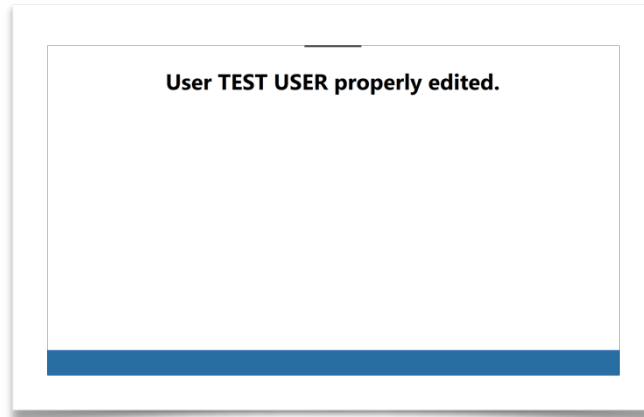


5. The PIN has to be confirmed a second time:

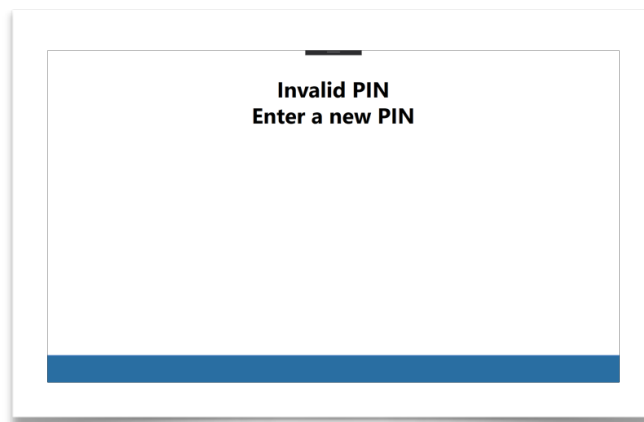
Edit User

then press ENTER to complete the procedure or CLEAR to delete the content or CANCEL to terminate the procedure;

If the procedure end without any errors a similar message appears:



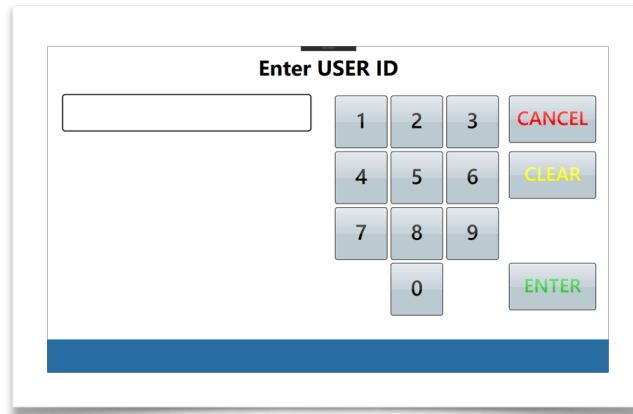
In case of not valid PIN inserted (for instance if the PIN is already in use) a message request to insert another time the PIN



Delete User

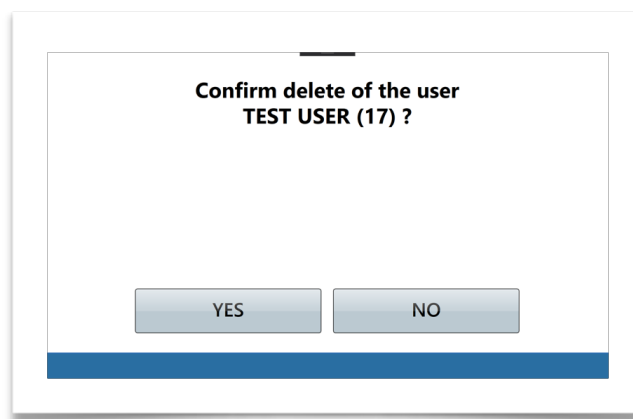
The software allows the user deletion.

1. The first action is to insert the USER ID of the user one need to modify:



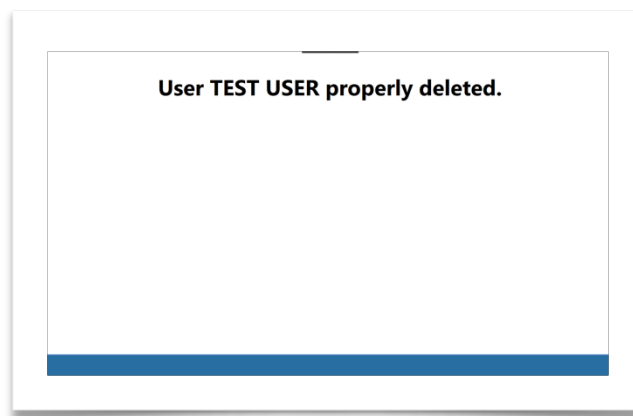
The screenshot shows a dialog box titled "Enter USER ID". It features a text input field on the left. To the right of the input field is a numeric keypad with buttons for digits 1 through 9, 0, and function buttons: "CANCEL" (red), "CLEAR" (yellow), and "ENTER" (green). The dialog box has a blue footer bar.

2. Now the system request a confirmation of the deletion



The screenshot shows a dialog box titled "Confirm delete of the user TEST USER (17) ?". It contains two buttons: "YES" and "NO". The dialog box has a blue footer bar.

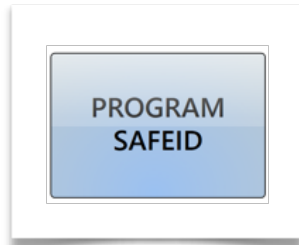
- then press YES to confirm or NO to terminate the procedure;
3. If the procedure end without any errors a similar message appears:



The screenshot shows a message box with the text "User TEST USER properly deleted." The message box has a blue footer bar.

PROGRAMMING Program Safe ID

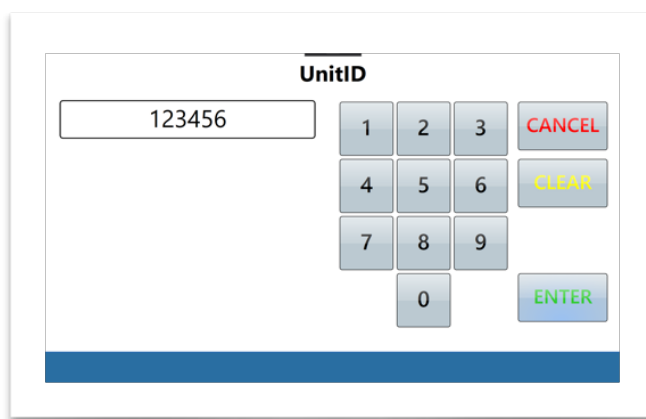
This option is used to enter the safe's six- digit ID number, and the store's eight-digit account number. Depending on the system settings, the eight-digit number may not be required and will not need to be programmed.



1. Enter the six-digit PIN and press the following button:
2. When the button is pressed the current SafeID is shown:



- To confirm the modification of the SafeID press YES otherwise to exit press NO.
3. The system start requesting to insert a 6 digits UnitID:



then press ENTER to confirm and move forward or CLEAR to delete the content or CANCEL to terminate the procedure

Note: a number less than six-digits will be padded with leading zeros to fill the six-digit field
The system now asks for the Account #

Program Safe ID

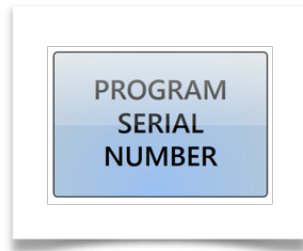
4. The procedure ends with a similar message to confirm that the new SafelD has been properly changed:



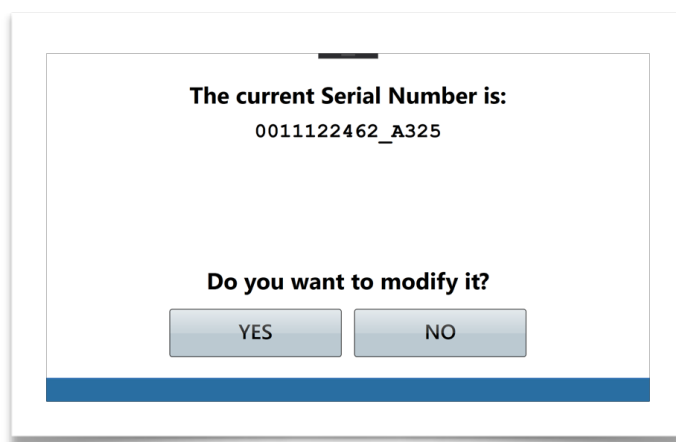
PROGRAMMING Program Serial Number

This option is used to enter the safe's Serial Number.

1. Enter the six-digit PIN and press the following button:

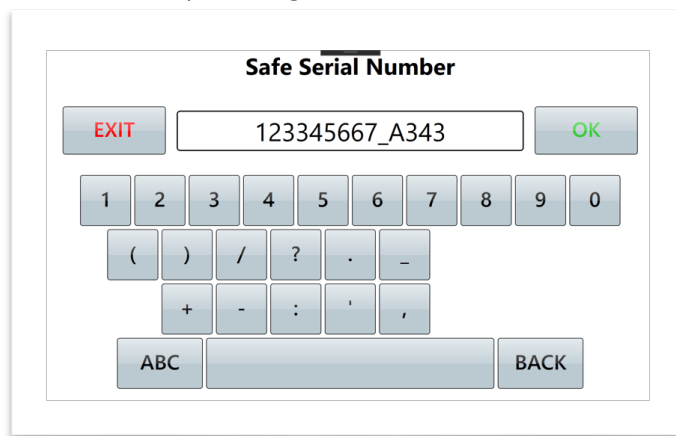


2. When the button is pressed the current Serial Number is shown:



To confirm the modification of the SerialNumber press YES otherwise to exit press NO

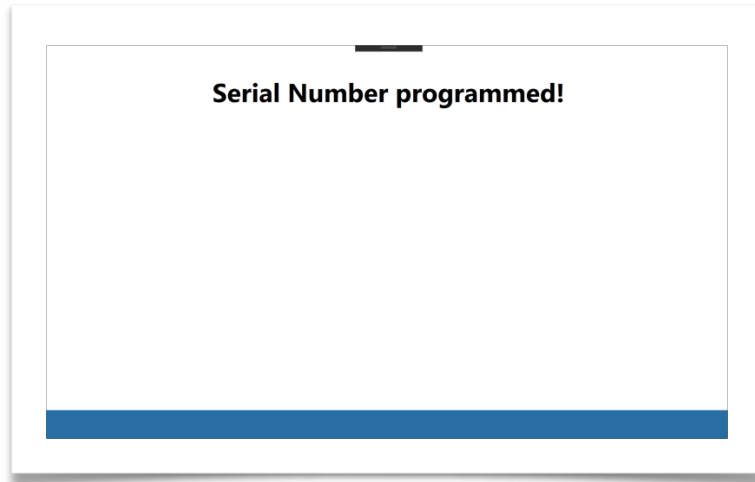
3. The system start requesting to insert a new Serial Number:



then press ENTER to confirm and move forward or CLEAR to delete the content or CANCEL to terminate the procedure Note: a number less than six-digits will be padded with leading zeros to fill the six-digit field.

Program Serial Number

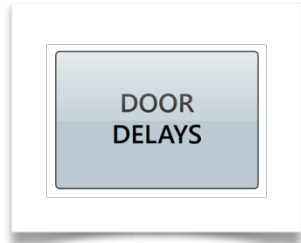
4. The procedure ends with a message to confirm that the new Serial Number has been properly changed:



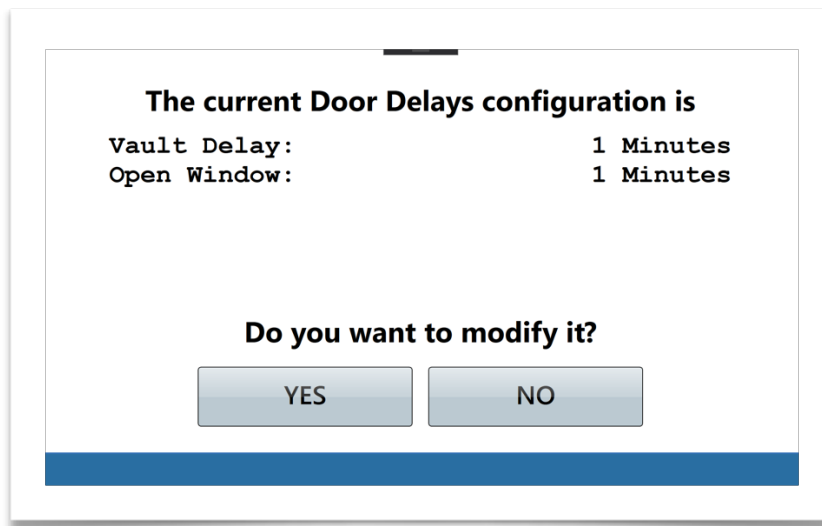
PROGRAMMING Door Delays

The time between selecting the safe door to open and the time the safe allows the user to open the door is called the "Door Delay." The time period the door can be opened is called the "Open Window." This menu selection allows you to change both the door delay time and the open window. The DELAY and OPEN times can be set between 1 and 99 minutes.

1. Enter the six-digit PIN and press the following button



2. After pressing the button, the current configuration is displayed



To change the door delays value press YES otherwise press NO to terminate the procedure;

Door Delays

1. Insert the Vault Delay in minutes:

Insert Vault Delay (in minutes)

5

1 2 3 CANCEL

4 5 6 CLEAR

7 8 9

0 ENTER

then press ENTER to confirm and move forward or CLEAR to delete the content or CANCEL to terminate the procedure;

2. Insert the Open Window in minutes:

Insert Open Window (in minutes)

10

1 2 3 CANCEL

4 5 6 CLEAR

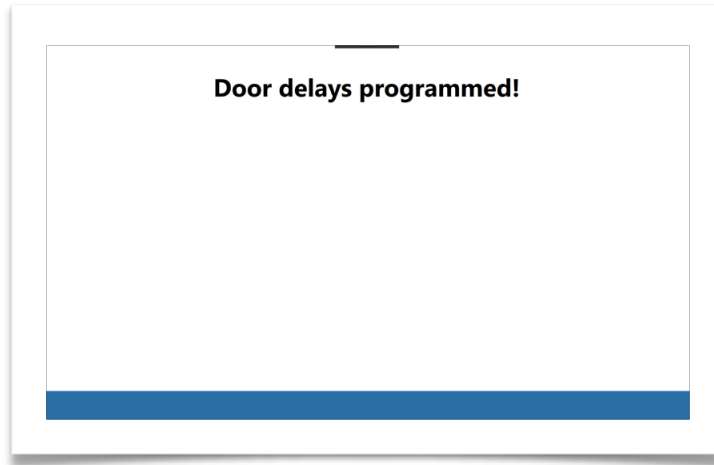
7 8 9

0 ENTER

then press ENTER to apply the changes or CLEAR to delete the content or CANCEL to terminate the procedure;

Door Delays

3. When the procedure terminated successfully a similar message will be shown:



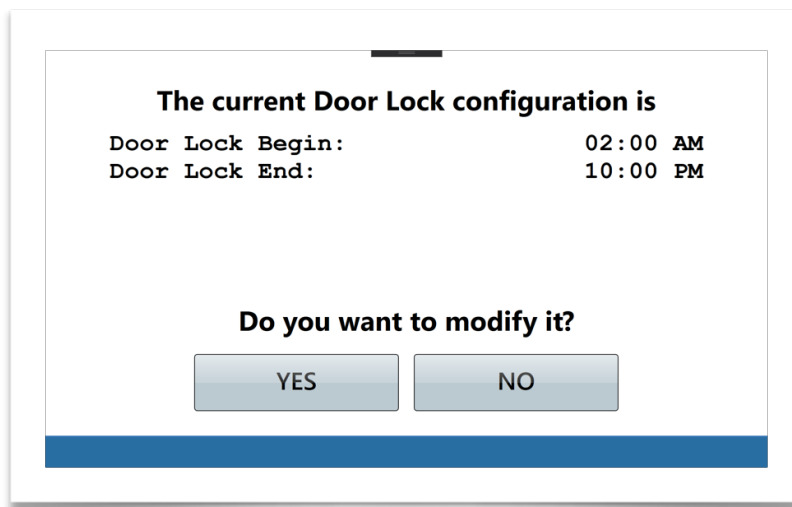
PROGRAMMING Set Door Lock

This function allows the programmer to set a time period during a 24-hour period where door access is not possible.

1. Enter the six-digit PIN and press the following button

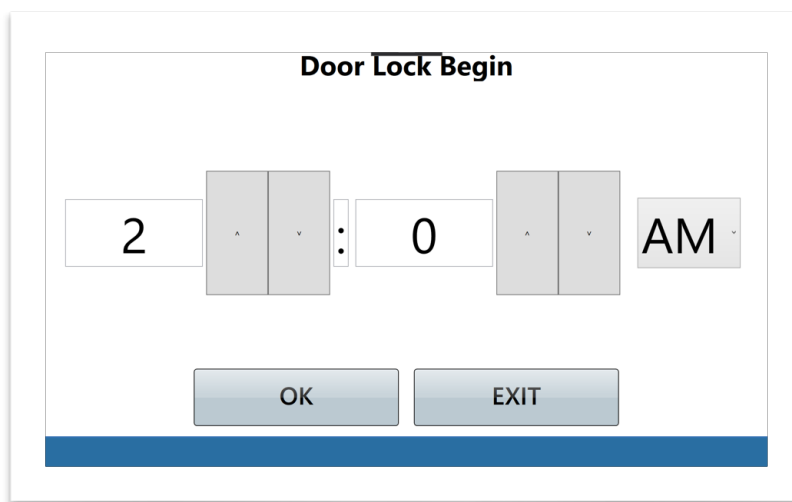


2. After pressing the button, the current configuration is displayed



To change the current Door Lock settings value press YES otherwise press NO to terminate the procedure;

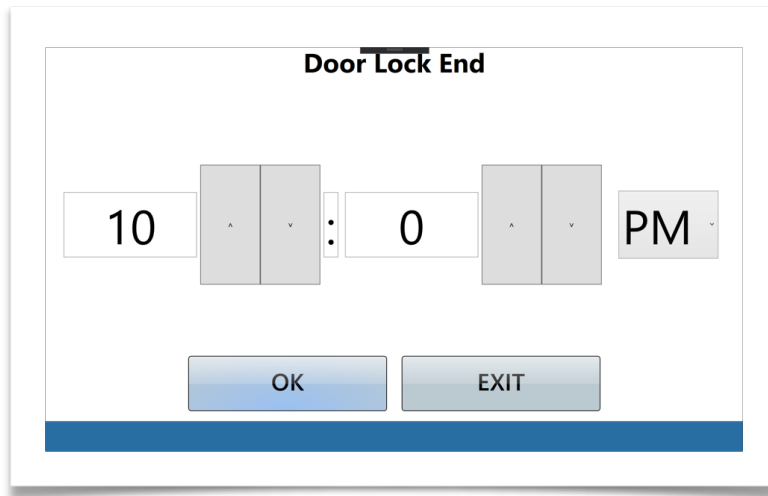
3. Insert the Door Lock Begin in minutes:



then press OK to confirm and move forward or EXIT to terminate the procedure;

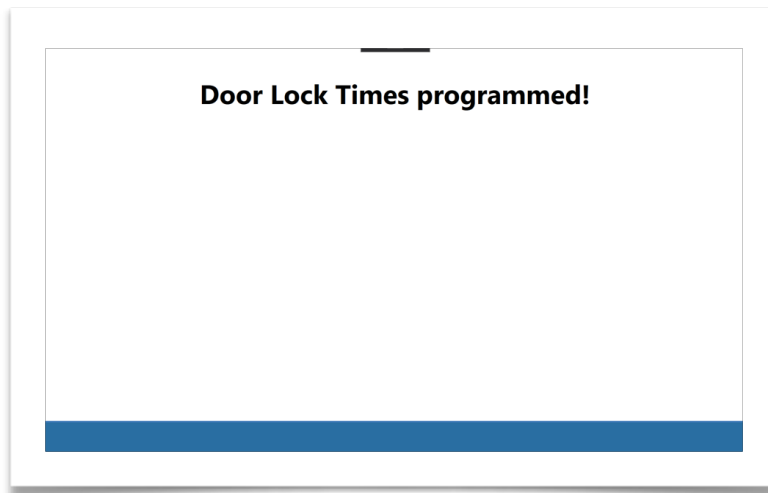
Set Door Lock

4. Insert the Door Lock End in minutes:



then press OK to apply the changes or EXIT to terminate the procedure;

5. When the procedure terminated successfully a similar message will be shown:



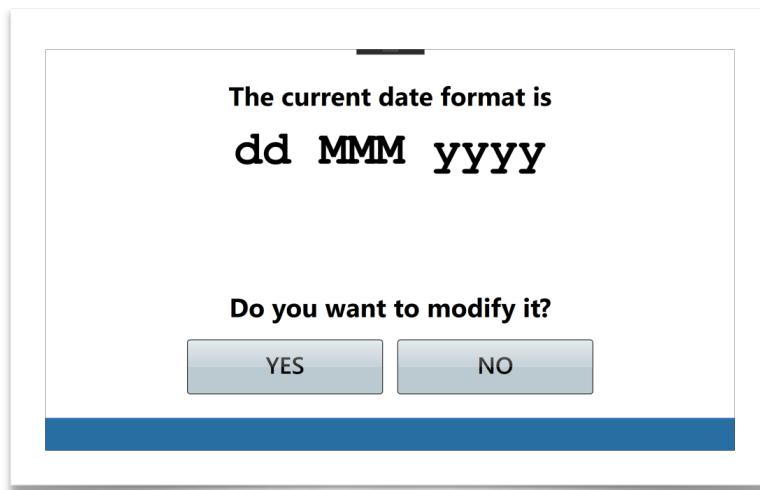
PROGRAMMING Date Format

This function allows the programmer to set the date format used throughout all the operations.

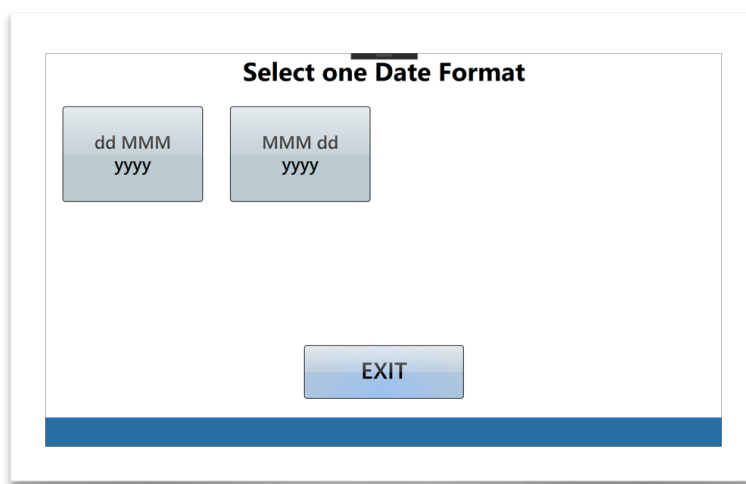
1. Enter the six-digit PIN and press the following button



2. After pressing the button, the current configuration is displayed
To change the current Date Format settings value press YES otherwise press NO to terminate the procedure;

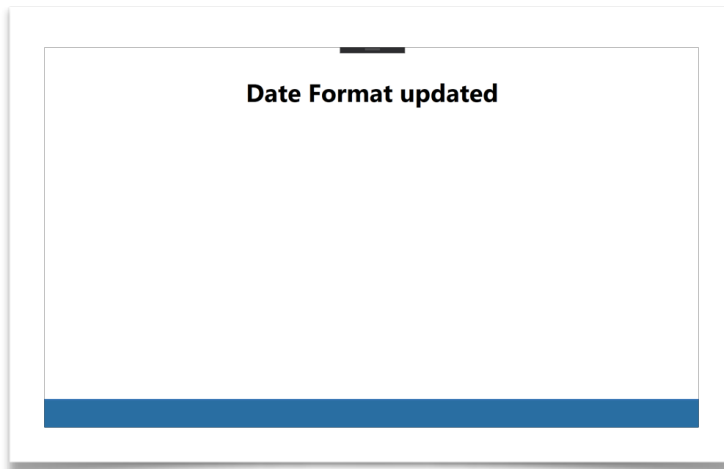


3. Select the desired Date Format among the possible choices: or select EXIT to terminate the procedure;



Date Format

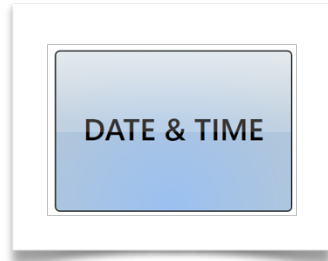
4. Once a valid Date Format is properly selected a confirmation message appears



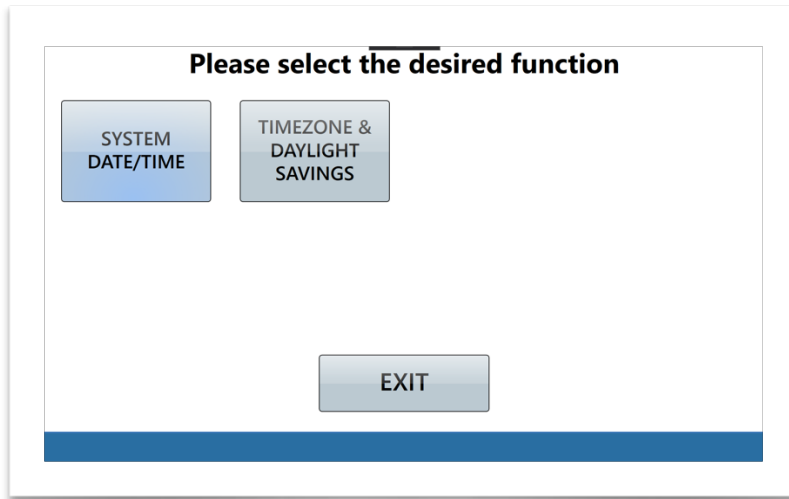
PROGRAMMING Date & Time

This function allows the programmer to set all about the system date and time management.

1. Enter the six-digit PIN and press the following button

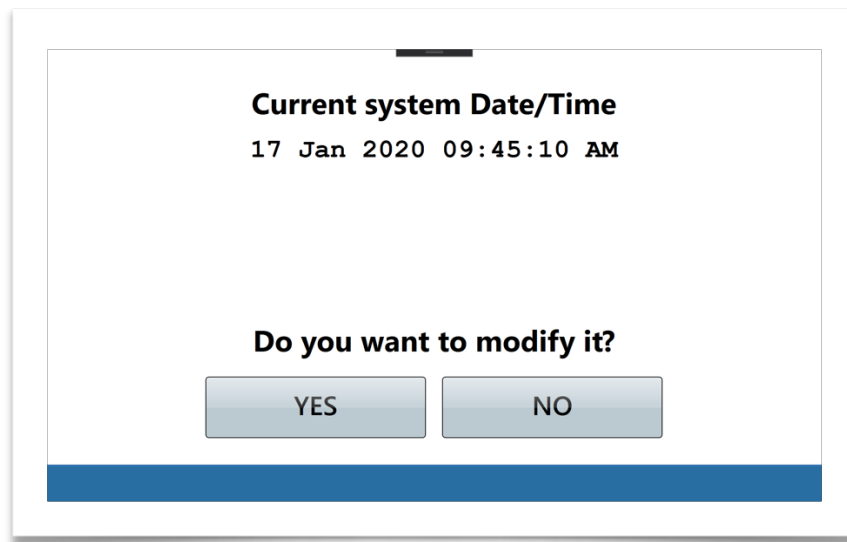


2. The software shows a mask where the user can choose if set the system date and time or select the time zone (included the daylight settings):



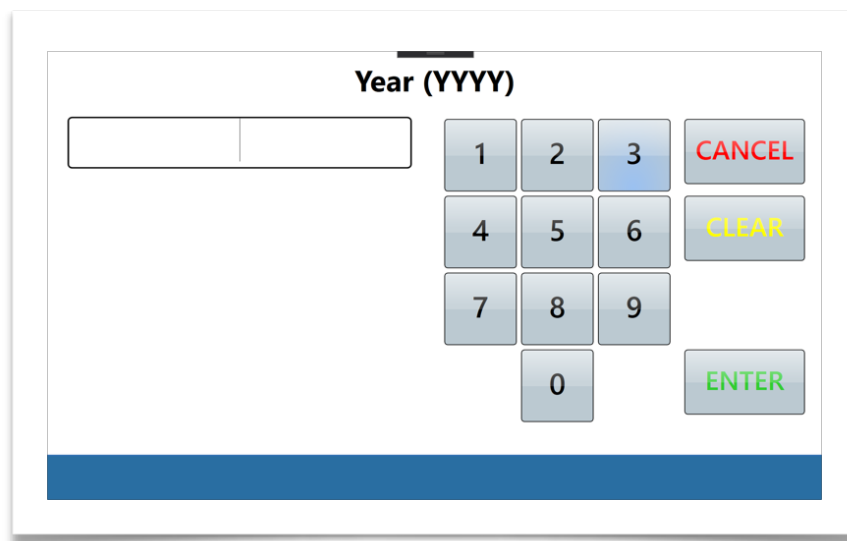
System Date /Time

1.Choosing the “System Date/Time” function the software shows the current Date and Time:



To change the current System Date & Time press YES otherwise press NO to terminate the procedure;

2.The procedure starts asking for the year:



then press ENTER to confirm and move forward or CLEAR to delete the content or CANCEL to terminate the procedure;

System Date /Time

1. Then the procedure continues asking for the month:

Month (MM)

[Input Field]

1 2 3 CANCEL

4 5 6 CLEAR

7 8 9

0 ENTER

then press ENTER to confirm and move forward or CLEAR to delete the content or CANCEL to terminate the procedure;

2. Then the procedure continues asking for the day:

Day (DD)

[Input Field]

1 2 3 CANCEL

4 5 6 CLEAR

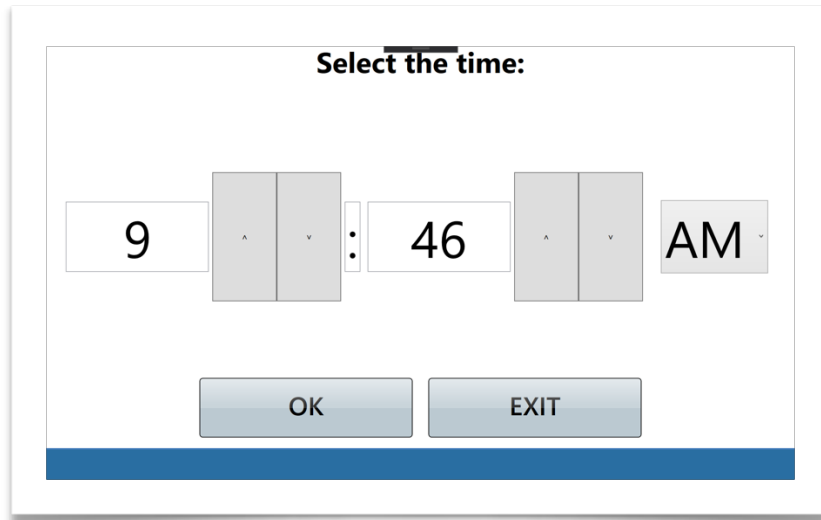
7 8 9

0 ENTER

then press ENTER to confirm and move forward or CLEAR to delete the content or CANCEL to terminate the procedure;

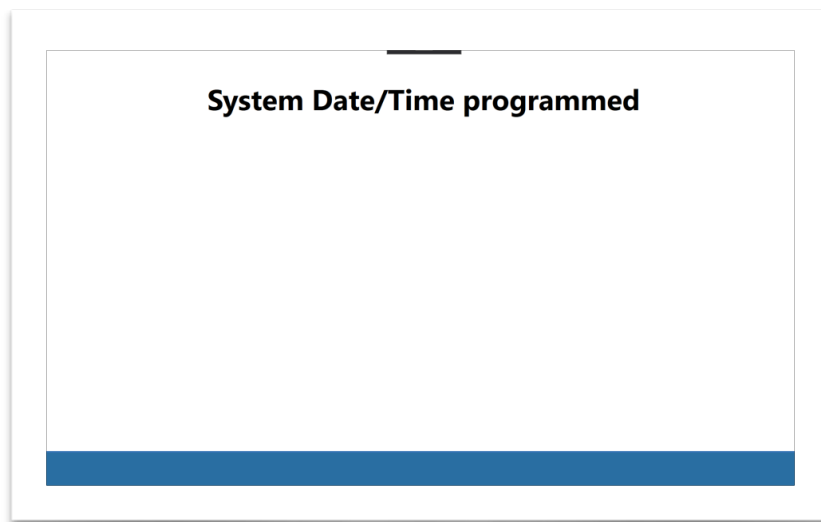
System Date /Time

1. Then the procedure continues asking for the time (use the arrows to increase or decrease hours or minutes or seconds):



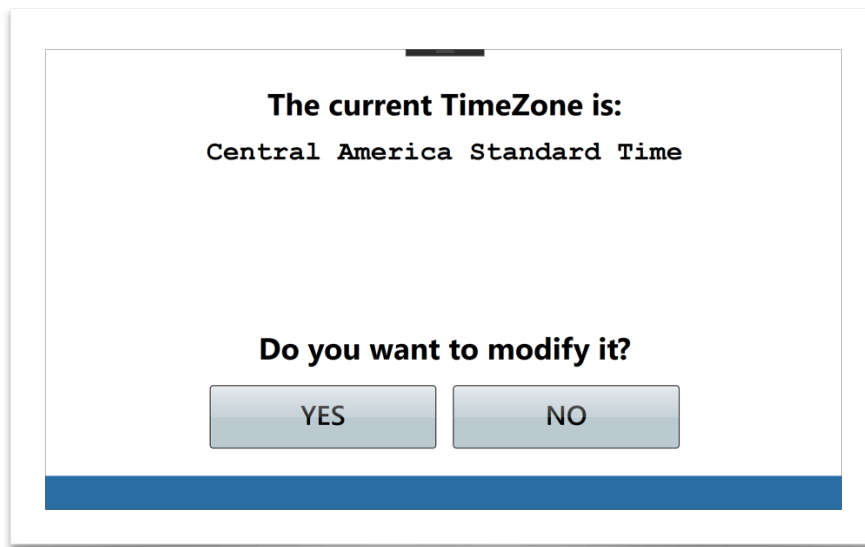
then press OK to confirm the date and time settings or EXIT to terminate the procedure;

2. At the confirmation the system displays the following mask:



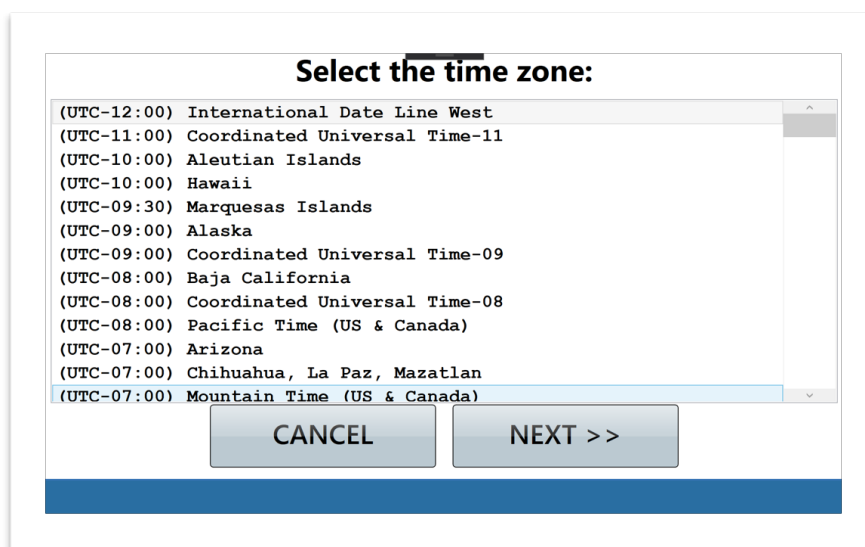
Timezone & Daylight Savings

1. Choosing the “Timezone and Daylight Savings” function the software shows the current selected TimeZone:



To change the current Timezone and/or Daylight Savings settings press YES otherwise press NO to terminate the procedure;

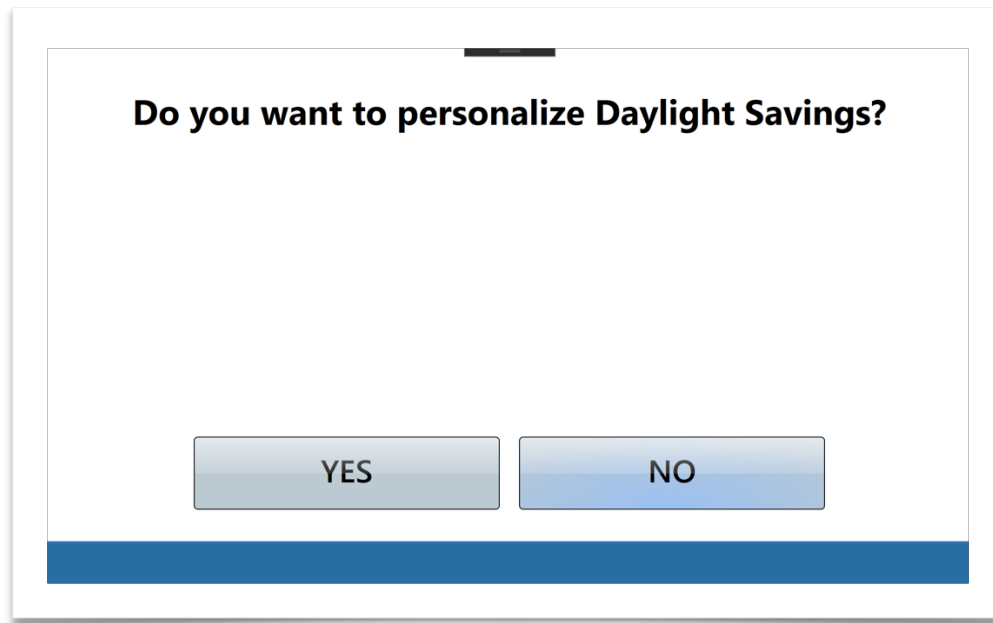
2. After pressing YES it's possible to choose the desired Timezone:



The selected TimeZone will be highlighted in Blue and will be asked to re-confirm on a follow up screen if this is the chosen TimeZone, select “confirm” to establish the desired TimeZone or CANCEL to abandon TimeZone change procedure. Upon the TimeZone confirmation and option Menu screen to establish the Daylight Savings settings will be next.

Timezone & Daylight Savings

3. At this point the user can select if apply personalised Daylight settings or adopt the default one relative the timezone:



Pressing NO the procedure terminates setting the selected Timezone. Pressing YES the procedure moves forward letting the user personalise the daylight and standard time settings.

Timezone & Daylight Savings

For both daylight and standard time settings the user will be asked to insert the changing month, week of the month, day of the week and changing time:

Insert the daylight week of month

1	2	3	CANCEL
4	5	6	CLEAR
7	8	9	
0	ENTER		

Insert daylight month

1	2	3	CANCEL
4	5	6	CLEAR
7	8	9	
0	ENTER		

Insert the daylight day of the week

1	2	3	CANCEL
4	5	6	CLEAR
7	8	9	
0	ENTER		

Insert the daylight transition time

: AM

OK EXIT

Insert standard month

1	2	3	CANCEL
4	5	6	CLEAR
7	8	9	
0	ENTER		

Insert the standard week of month

1	2	3	CANCEL
4	5	6	CLEAR
7	8	9	
0	ENTER		

Insert the standard day of the week

1	2	3	CANCEL
4	5	6	CLEAR
7	8	9	
0	ENTER		

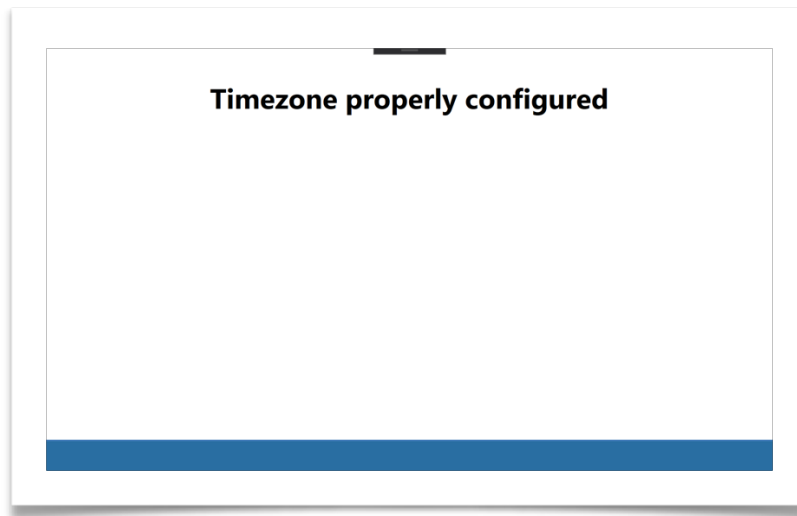
Insert the standard transition time

: AM

OK EXIT

Timezone & Daylight Savings

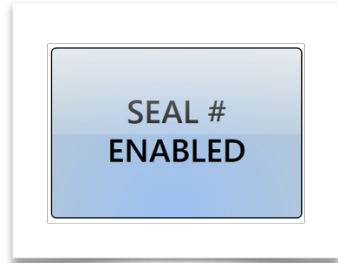
1. At the end of the process the system will show a confirmation message:



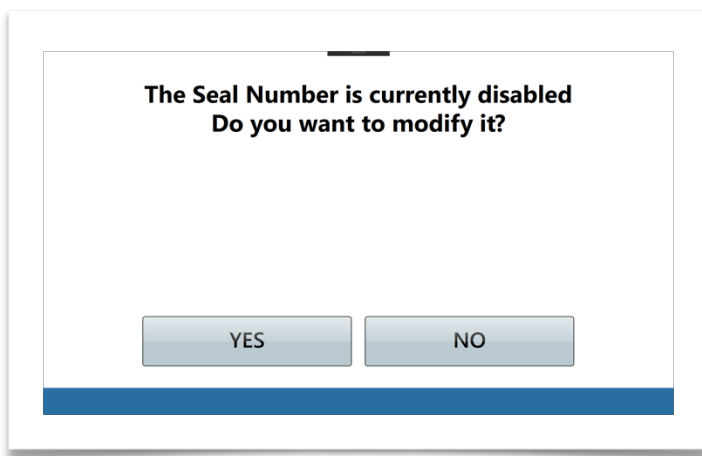
PROGRAMMING Seal# Enabled

This option programs the requirement of providing a seal number when an Armored Car Removal report is run. The current setting is displayed.

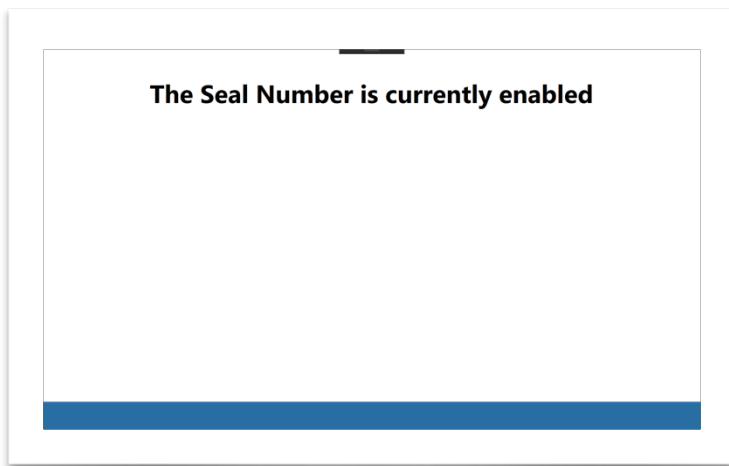
1. Enter the Master PIN and press the following function



2. The system will show the following mask then:



Choose YES to enable the Seal# feature or NO to disable it. After this action the system will give a feedback with a confirmation mask (with both choices):



PROGRAMMING End Of Day Info

This option allows you to set when and how the system's end of day will be run. This option allows you to set the following:

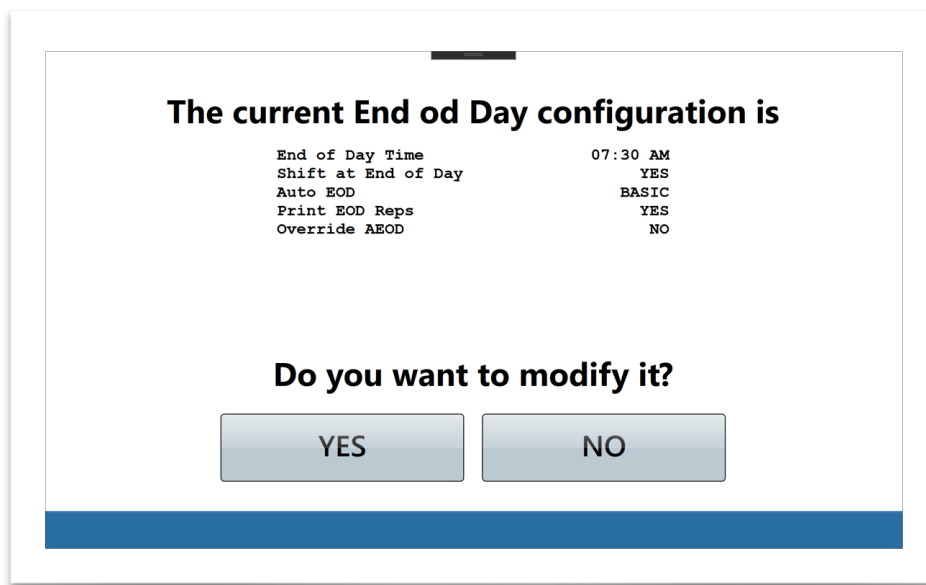
- End of day time, this is the time the END DAY REPORT will become available. This report is the closing function for the business day. The business day is not closed until END DAY REPORT is actually run
- **Shift At EOD ON/OFF**, this menu selection links the system's shift reports to the end day report. When this feature is activated, the end day report will end the currently active shift, print the closed shift's report and print the end day report. The end day report will re-print all the shift reports contained in the day's totals. A total of all the shifts will be printed at the end of the report. When the report has finished printing a new shift is started. The new shift will be shift number one. Each time a shift report is printed the next sequential number will be used. This will continue until the end day report is printed.
- **Auto End Day XXXX**, this menu selection allows you to configure how the system will handle how the end of day time. You are given three choices.
 1. **FULL**; When the end of day time occurs, the system will function as programmed.
 2. **BASIC**; when the end of day time occurs, the system will display a message on the screen only, indicating the report is ready to run.
 3. **OFF**; the system will give no indication that the system is ready to run the end of day report.
- **Print EOD Repts ON/OFF**, this menu selections allows you to decide if the system will print the reports at end of day or not. If you set this option to OFF. The current end of day report, shift report (if required) and detail report information will be cleared and archived. A receipt will be printed indicating the information was cleared and a transaction is created in the detail report
- **Override A EOD ON/OFF**, when this menu selection is ON, the user will be warned that the end of day report is about to be run. They can temporarily override the running of the report for five-minutes by pressing the key. When the five-minute override has expired the system will again warn the user that the reports are about to be run. The user can continue to override this feature, but each time they will be required to login with their PIN and transaction will be entered into the detail information. If the user fails to override the system, the required reports will be archived, cleared and printed (if required). dddd

End Of Day Info

1. Enter the Master PIN and press the following function



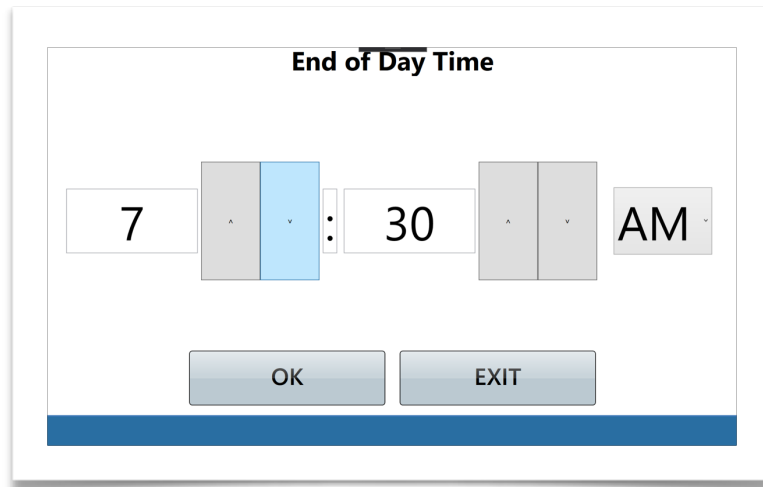
2. The system shows a resume of the actual configuration:



Press YES to modify the current parameter or NO to terminate the process

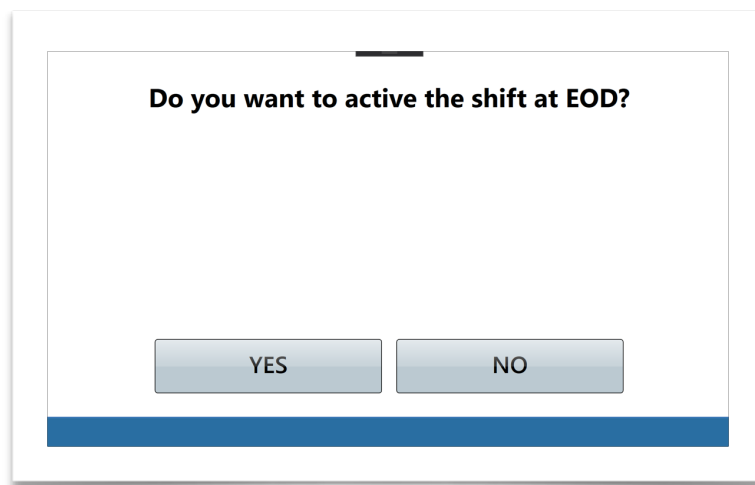
End Of Day Info

1.The first step of the process is to set the EOD Time:



Use the arrow button to change the time. Press OK to confirm and continue or EXIT to terminate the process.

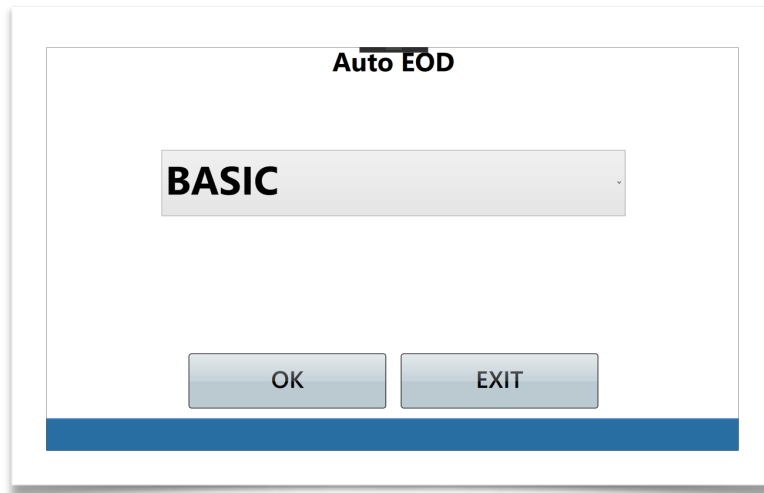
2. The second step ask if the system will close the shift at the EOD:



Press YES to activate the shift at EOD or NO to deactivate it. The process will proceed;

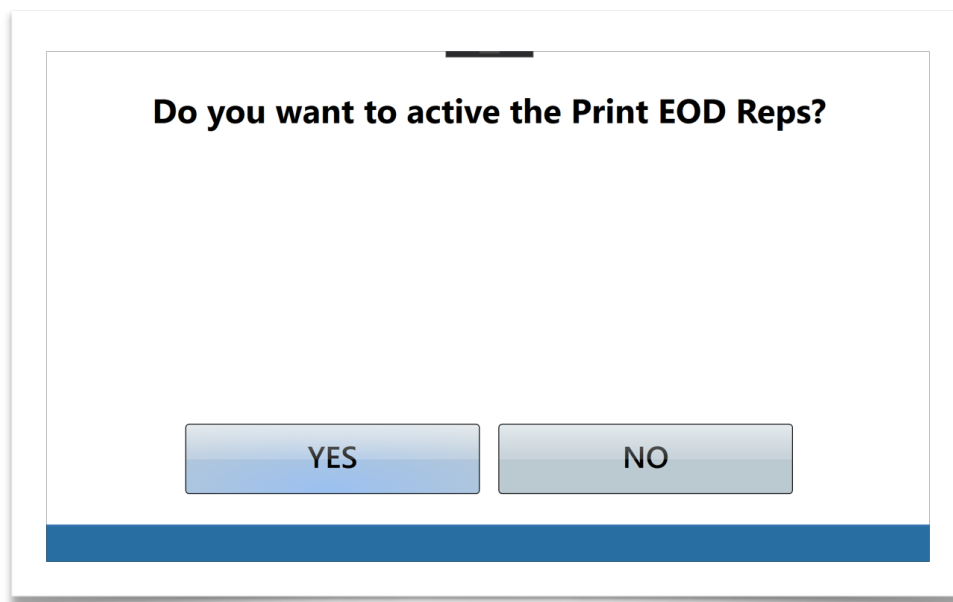
End Of Day Info

1.The process asks the user to choose which kind of EOD will be managed:



Press OK to confirm and continue or EXIT to terminate the process.

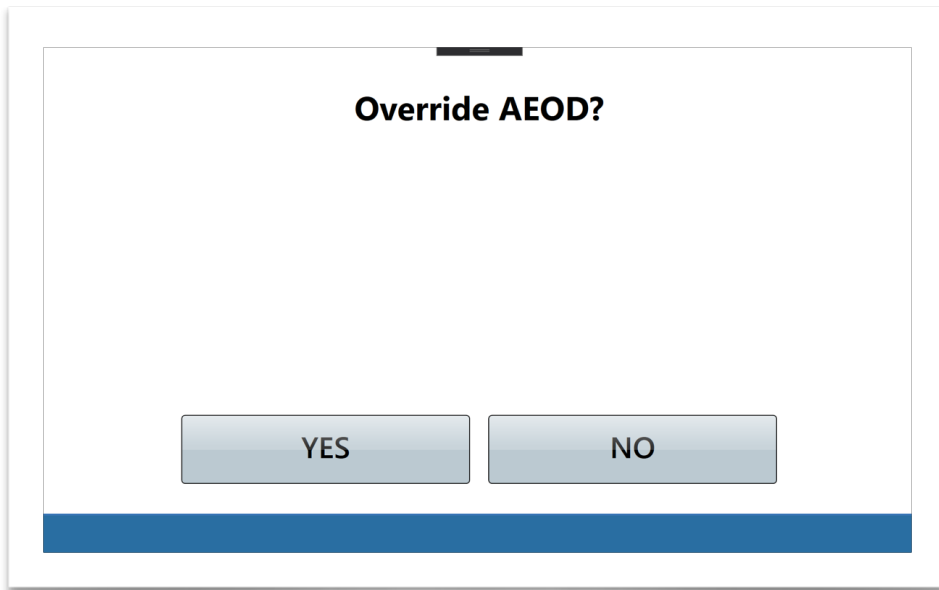
2. Select the **Prt EOD Reps** parameter:



Press YES to activate the shift at EOD or NO to deactivate it. The process will proceed;

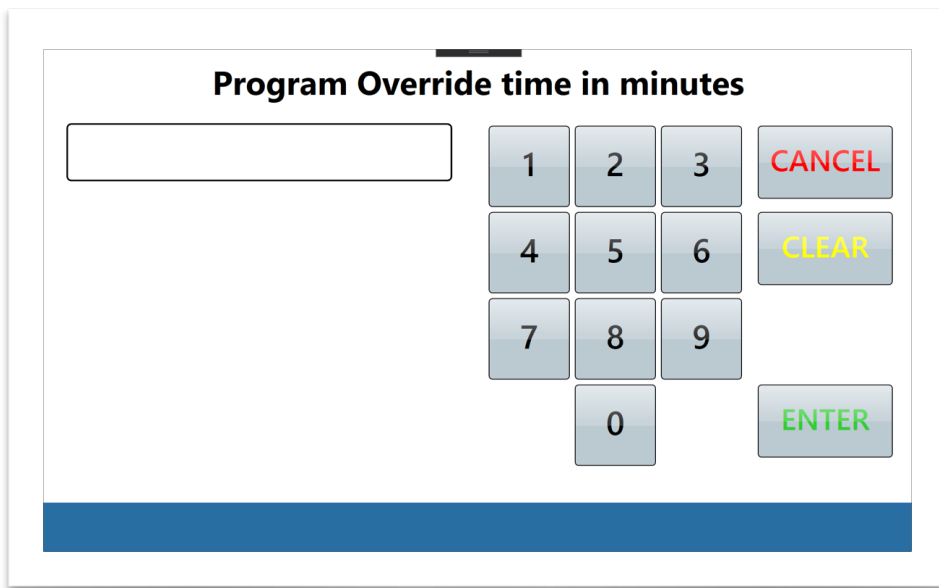
End Of Day Info

1. Select the Override EOD parameter:



The screenshot shows a dialog box titled "Override AEOD?". At the bottom of the dialog, there are two buttons: "YES" and "NO". The dialog has a white background and a blue bar at the bottom.

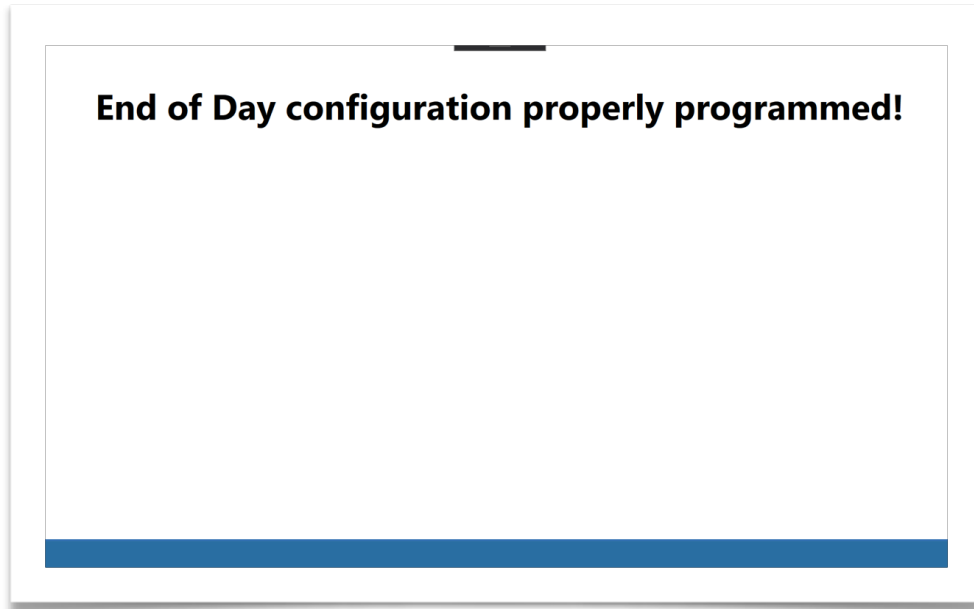
After pressing YES the users will be asked to insert the override timeout in minutes:



The screenshot shows a dialog box titled "Program Override time in minutes". On the left, there is an empty text input field. To the right of the input field is a numeric keypad with buttons for digits 1 through 9, 0, and an "ENTER" button. To the right of the keypad are two buttons: "CANCEL" (in red text) and "CLEAR" (in yellow text). The dialog has a white background and a blue bar at the bottom.

End Of Day Info

Otherwise pressing NO the Override EOD functionality will not be activated. In both case the complete procedure ends. The following message will be displayed:



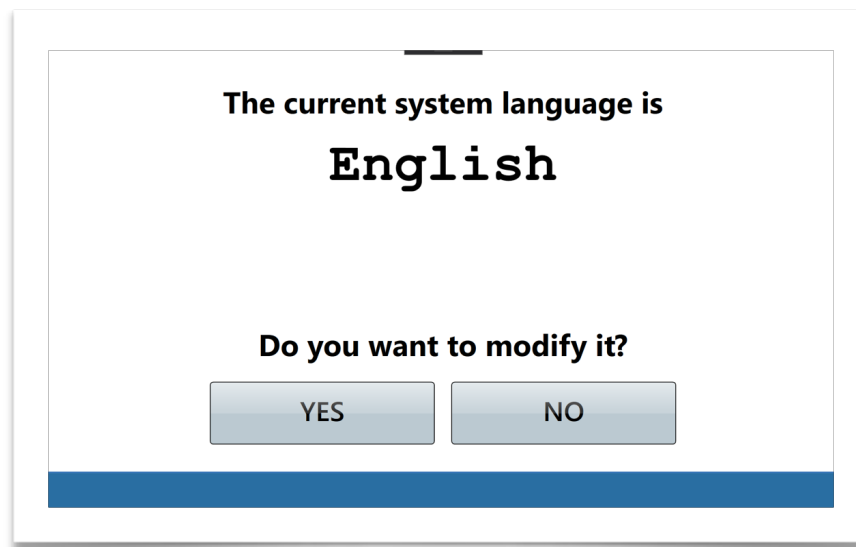
PROGRAMMING Language

This option programs the language used throughout the application.

1. Enter the Master PIN and press the following function



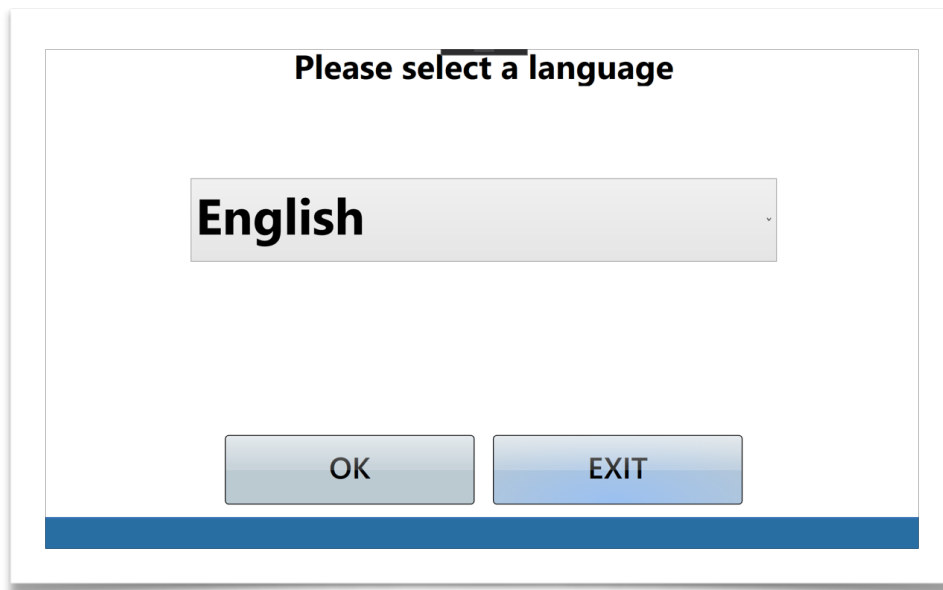
2. The system shows the current selected language:



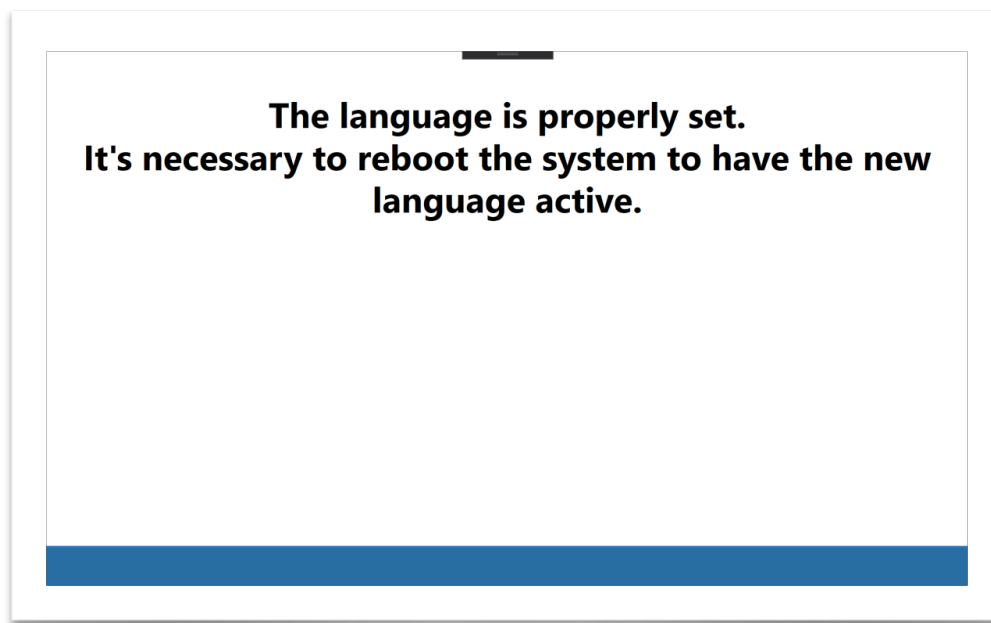
Press YES to modify the system language or NO to terminated the process.

Language

1. After pressing YES the system let the user to choose among a list of available languages:



Select the desired language and press OK to confirm or EXIT to terminated the process. In case of selection of a new language the system shows a confirmation mask:

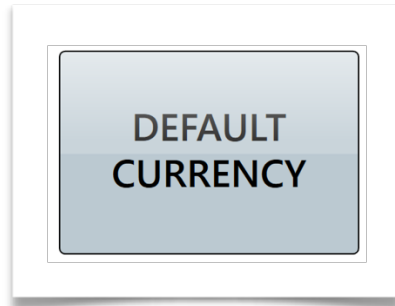


In this case is required to reboot the system in order to have the new language available.

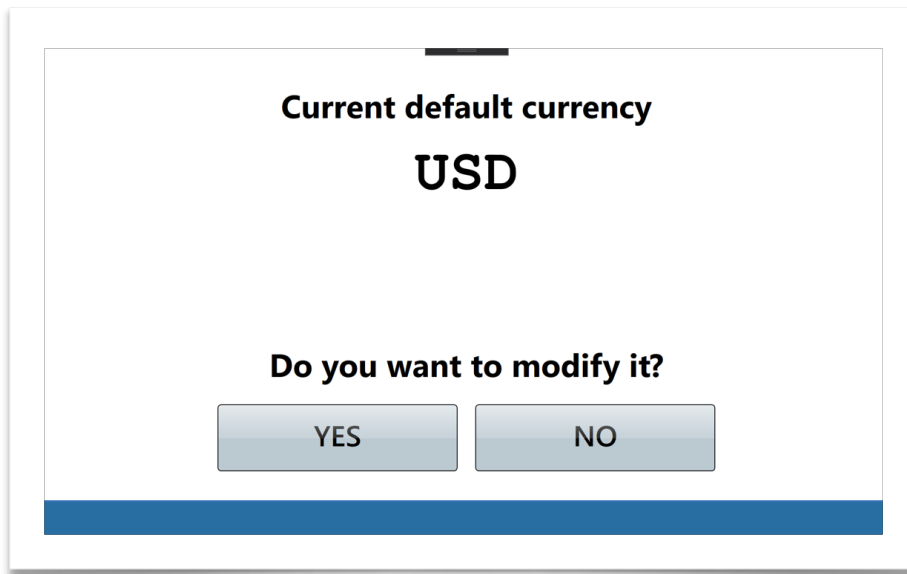
PROGRAMMING Default Currency

This option programs the default currency used by the application.

1. Enter the Master PIN and press the following function



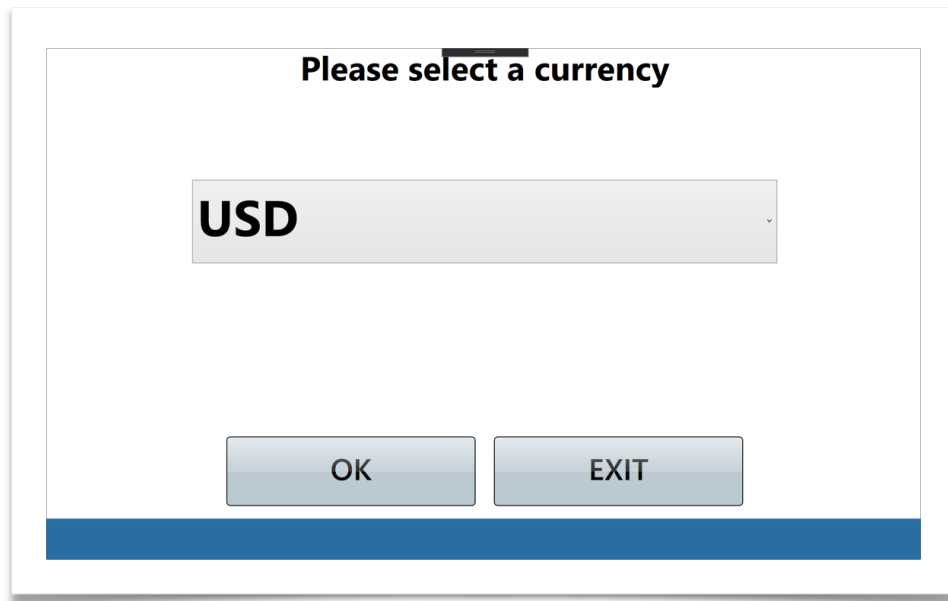
2. The system shows the current selected currency:



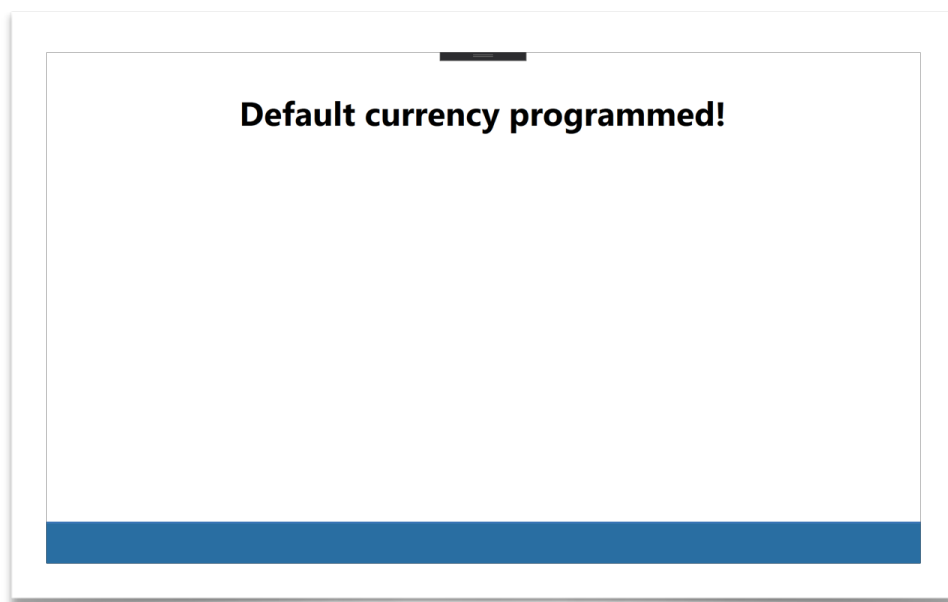
Press YES to modify the system currency or NO to terminate the process.

Default Currency

After pressing YES the system let the user choose among a list of available currencies:



Select the desired currency and press OK to confirm or EXIT to terminate the process. In case of selection of a new language the system shows a confirmation mask:



PROGRAMMING Show PIN

When enabled the user PIN will be displayed in the Screen. Default is set not to show PIN.

Show user PIN while entering

Enabled

OK

EXIT



PROGRAMMING Bag Size

Bag Size allows to configure the Number of notes that the Bag will accept. This configuration setting also allows to preset a % warning to alert the user the maximum number of notes is being reached.

Bag size and warnings configuration

Bag Size	10000
Warning percentage	0%

Do you want to modify it?

YES

NO

Insert the bag size (0 means no size limit)

1	2	3	CANCEL
4	5	6	CLEAR
7	8	9	
	0		ENTER

Insert the warning percentage (0 means no warning)

1	2	3	CANCEL
4	5	6	CLEAR
7	8	9	
	0		ENTER

PROGRAMMING Bag Max Value

The Bag Max Value allows to configure the maximal \$ value that can be deposited on the Bag. It also allows to establish a warning % threshold for users.

Maximal bag value and warnings configuration

Bag maximal value	0.00 USD
Warning percentage	0%

Do you want to modify it?

<input type="button" value="YES"/>	<input type="button" value="NO"/>
------------------------------------	-----------------------------------

Insert the warning percentage (0 means no warning)

<input type="text"/>	<input type="button" value="1"/>	<input type="button" value="2"/>	<input type="button" value="3"/>	<input type="button" value="CANCEL"/>
	<input type="button" value="4"/>	<input type="button" value="5"/>	<input type="button" value="6"/>	<input type="button" value="CLEAR"/>
	<input type="button" value="7"/>	<input type="button" value="8"/>	<input type="button" value="9"/>	
	<input type="button" value="0"/>			<input type="button" value="ENTER"/>

Insert the maximal bag value (0 means no size limit)

<input type="text" value="USD"/>	<input type="button" value="1"/>	<input type="button" value="2"/>	<input type="button" value="3"/>	<input type="button" value="CANCEL"/>
	<input type="button" value="4"/>	<input type="button" value="5"/>	<input type="button" value="6"/>	<input type="button" value="CLEAR"/>
	<input type="button" value="7"/>	<input type="button" value="8"/>	<input type="button" value="9"/>	
	<input type="button" value="0"/>	<input type="button" value="."/>		<input type="button" value="ENTER"/>

PROGRAMMING Receipt On/Off

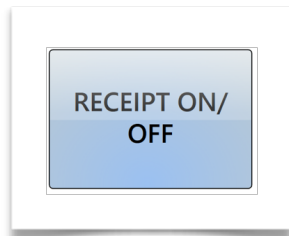
This menu selection allows you to turn on and off the different receipts the system generates. Only the receipts for the following functions are controlled.

- **Cash Receipt:** This receipt is printed after a Cash Drop. The Cash Drop Receipt contains the user number, user name, date and time and dollar amount inserted during the drop.
- **Safe Receipt:** This receipt is printed after a Safe Drop. The Safe Drop Receipt contains user number, user name, date and time
- **User Receipt:** This receipt is printed after a user has been created or modified.

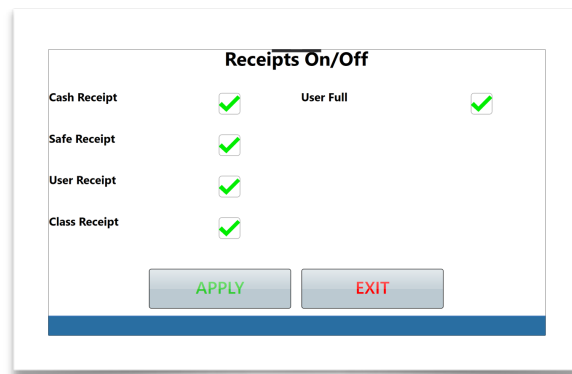
The User Receipt contains the users name, ID, Added By, Date added or modified and it's status.

- **Class Receipt:** This receipt is printed after a privilege class has been created or modified. The Class Receipt contains all the programmable options in the class and their settings. This system gives the user the option of not printing the receipt when **E** is pressed to complete the privilege class programming.

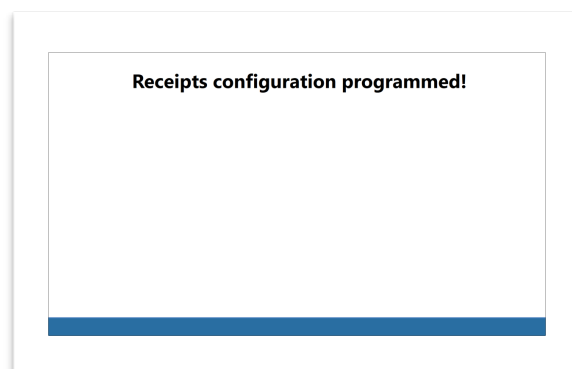
1. Enter the Master PIN and press the following function:



2. The system shows the following mask where the individual functionality can be selected:



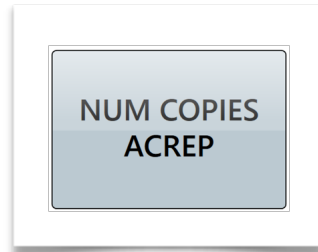
Once the selections are made press APPLY to store the configuration or EXIT to terminate the procedure without to apply the settings. The system shows a confirmation message:



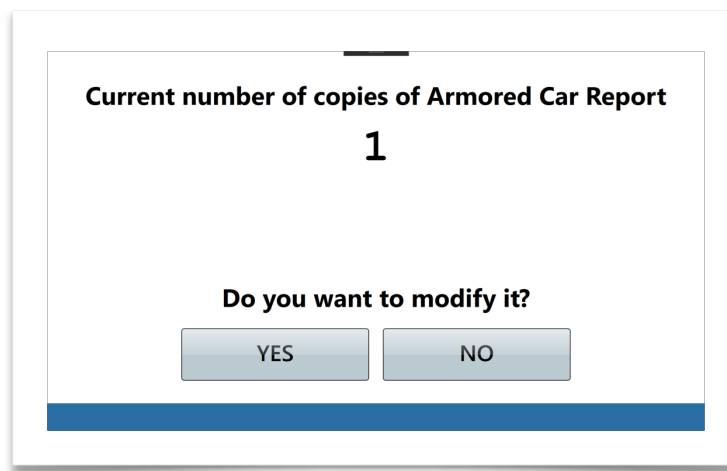
PROGRAMMING Num Copies ACREP

This menu selection allows you to select the number of remove cash receipts printer when remove cash function is performed.

1. Enter the Master PIN and press the following function

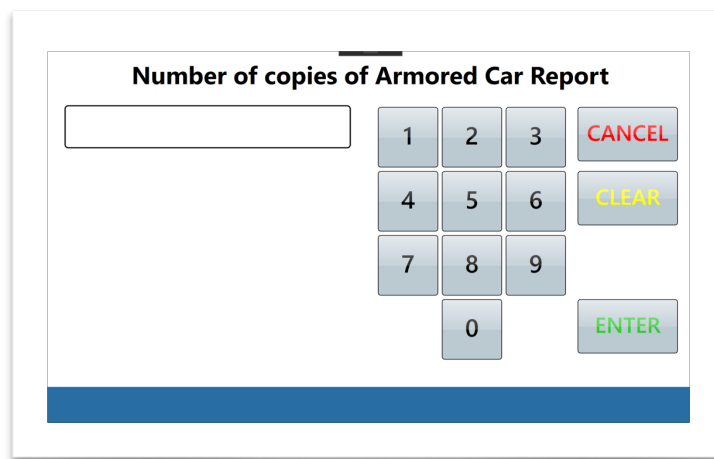


2. The system shows the number of copies programmed at the moment:



Pressing YES the system will go through the modification process while pressing NO the procedure ends.

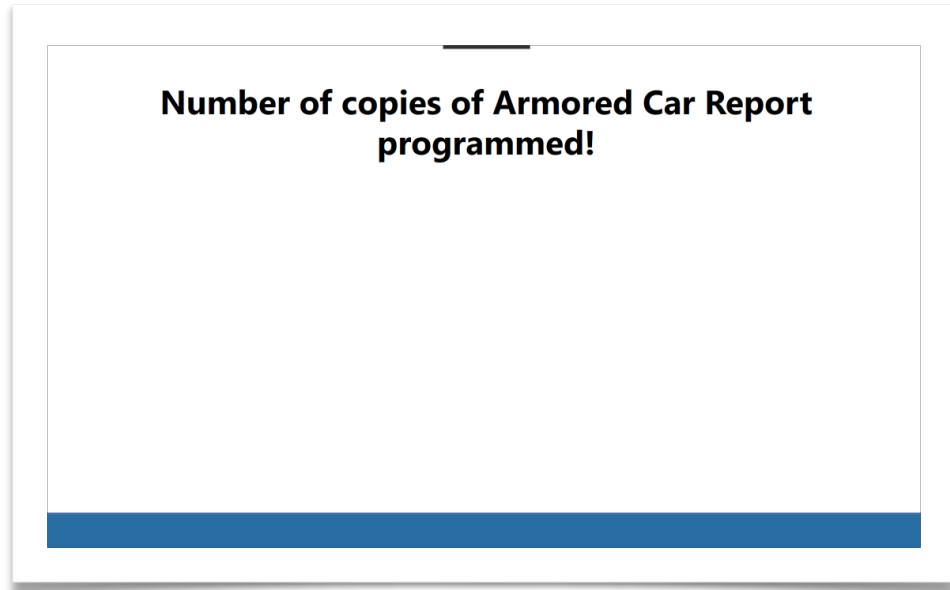
3. The user will be asked to insert the number of copies:



Press ENTER to apply the configuration;
Press CANCEL to exit and terminated the PROCESS
Press CLEAR to cancel the number inserted;

Num Copies ACREP

In case of configuration applied a confirmation message will be shown:

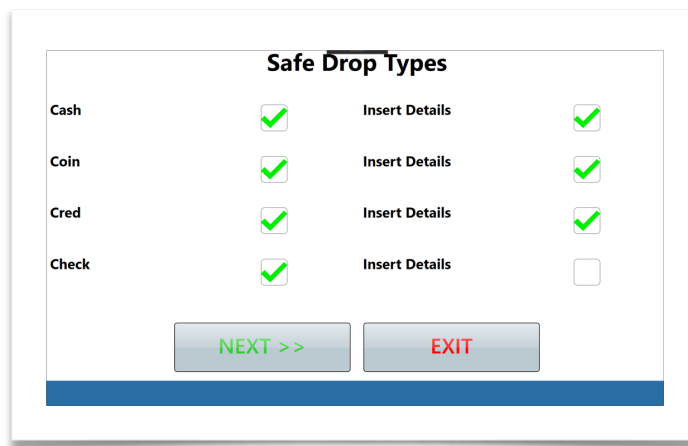


PROGRAMMING Safe Drop Types

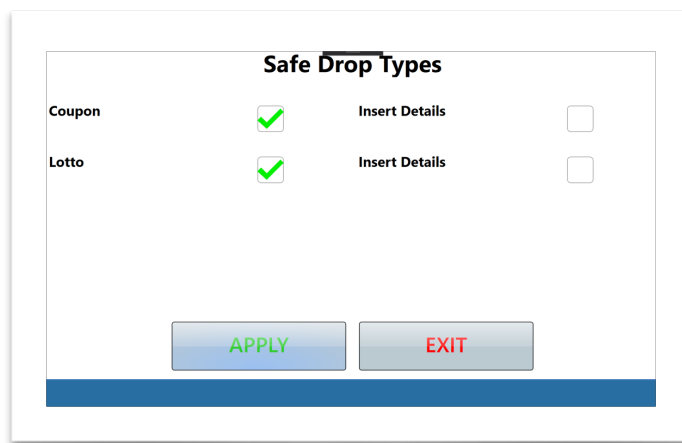
This functionality is about the configuration of the different drop type at disposition for the user in the drop type transaction. On the same time for each drop type is possible to enable or disable the details. For each drop type if “details” is enable the user can choose if insert only the total amount of the transaction or the details of the single denominations involved. If “details” is disabled the user can insert only the total amount.



1. Enter the Master PIN and press the following function:
2. The system will show a sequence of pages with the list of the different drop types

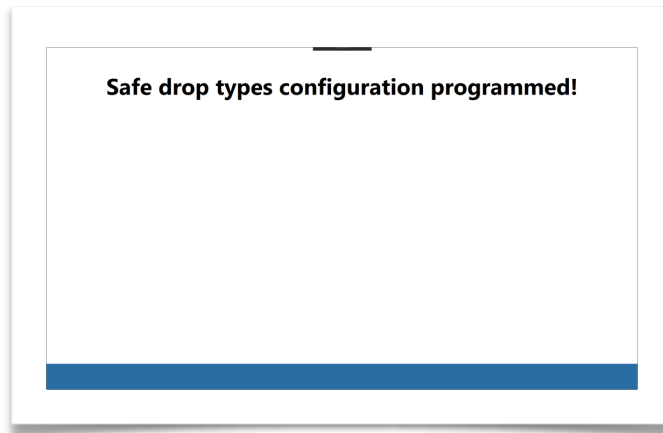


Pressing NEXT the software moves to the next selection page; Pressing EXIT the procedure terminates.



Safe Drop Types

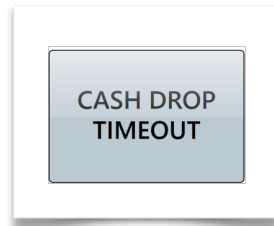
Pressing APPLY the configuration is applied to the system and the following message is displayed:



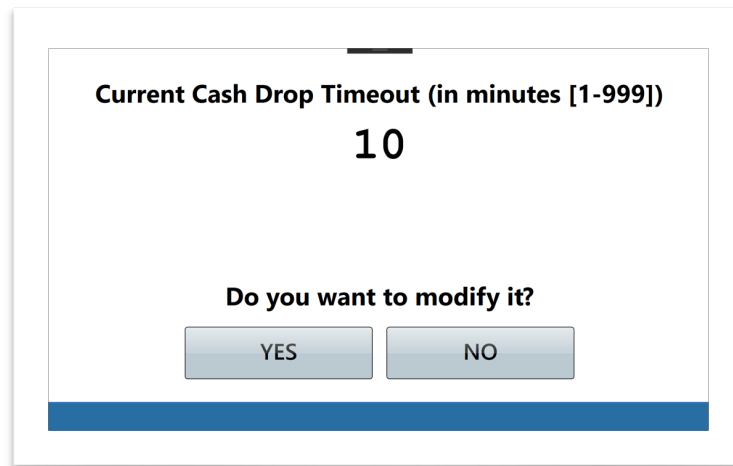
PROGRAMMING Cash Drop Timeout

The Cash Drop Timeout programming option allow you to set the length of bill reader inactivity before the system will end the current transaction. The system logs the user off and print a Cash Drop Receipt if required. This option is important if your system needs a period of inactivity to allow automatic report printing and data transmissions. The time out can be set from 1 minute to 99 minutes in one-minute increments.

If you want the bill reader to stay active without any timeout restrictions set the delay to zero (0).

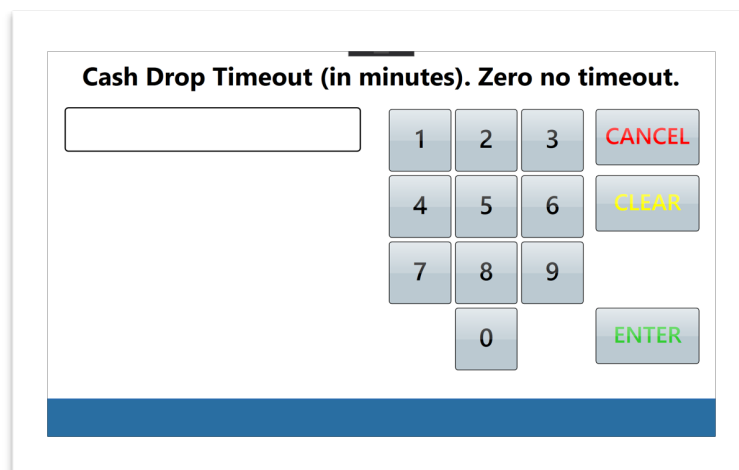


1. Enter the Master PIN and press the following function:



2. The system shows the number of minutes programmed at the moment: Pressing YES the system will go through the modification process while pressing NO the procedure ends.

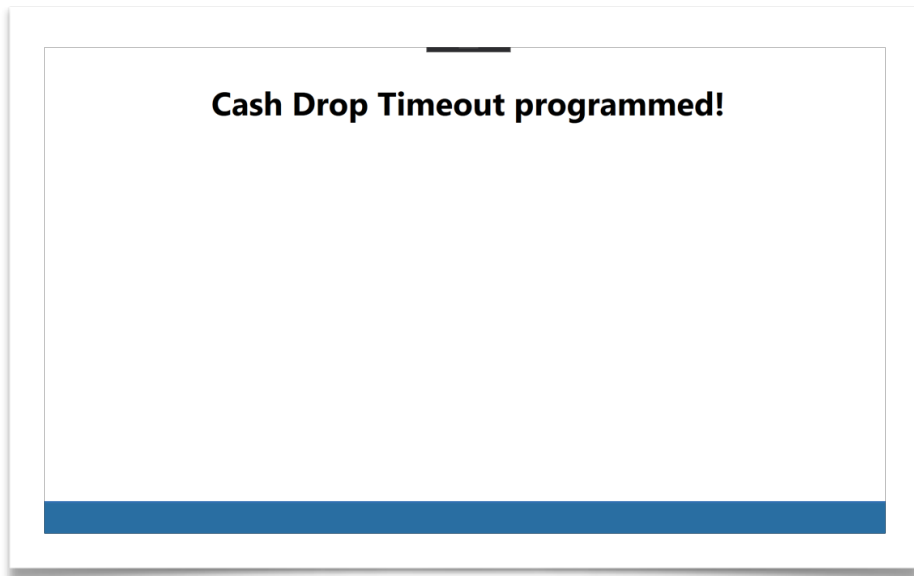
3. The user will be asked to insert the number of minutes:



Press ENTER to apply the configuration;
Press CANCEL to exit and terminated the PROCESS
Press CLEAR to cancel the number inserted;

Cash Drop Timeout

In case of configuration applied a confirmation message will be shown:



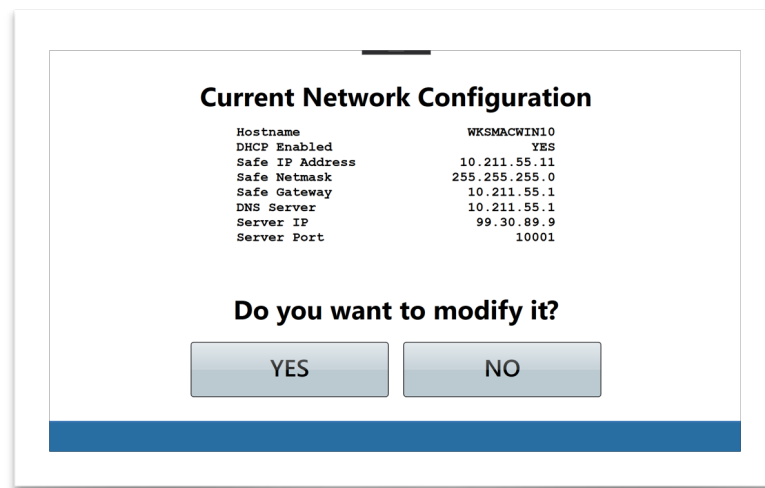
PROGRAMMING Network Settings

This menu selection allows you to set all the network related parameters. In this phase is necessary to operate with the support of the network specialist responsible for the network integration of the system.

1. Enter the Master PIN and select the following function:



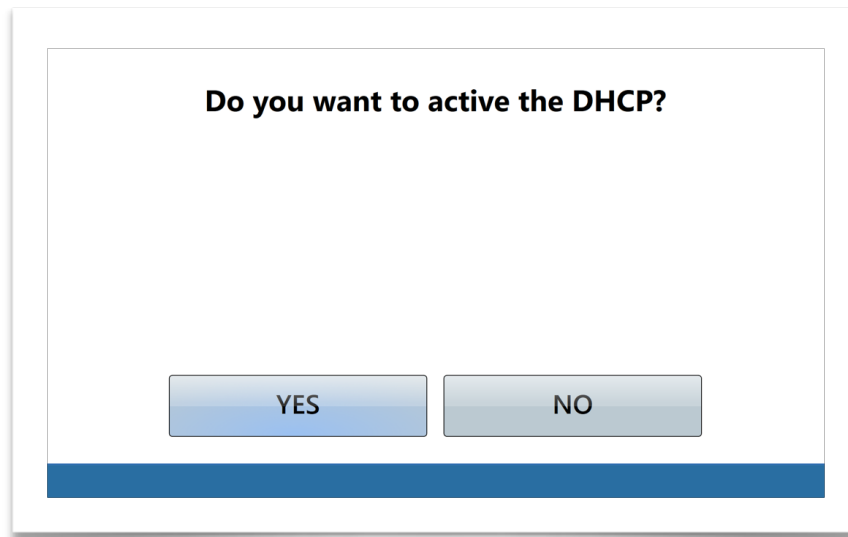
2. The first mask of the process is a resume of all the current network parameters like in the example below:



Pressing YES we continue with the procedure editing the current network parameters. Pressing NO the procedure END.

Network Settings

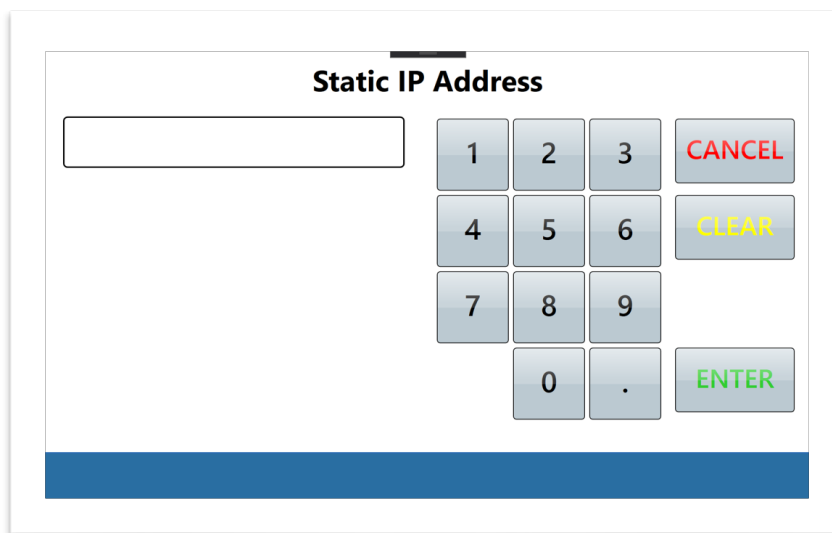
1.The first question the procedure asks is to indicate if in the network where the system is connected there the presence of an DHCP Server for the local IP Addresses assignment:



The screenshot shows a white dialog box with a blue header bar. The text inside reads "Do you want to active the DHCP?". Below the text are two buttons: "YES" and "NO". The "YES" button is highlighted with a blue gradient. The dialog box has a blue bar at the bottom.

Pressing YES we indicate the presence of a DHCP Server and we jump at the point 7 of the procedure, otherwise pressing NO we go through the steps to set the IP Address manually with the next mask;

2.This mask let the user to insert an IP Address for the system manually:

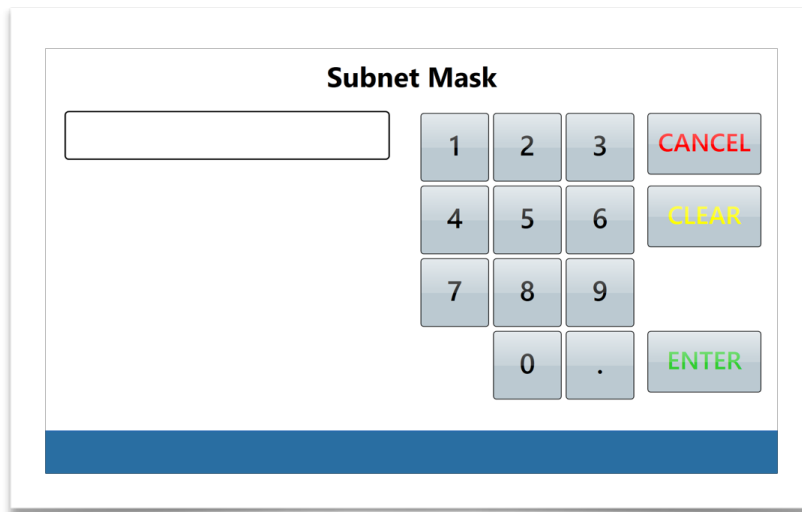


The screenshot shows a white dialog box titled "Static IP Address" with a blue header bar. On the left is an empty text input field. To its right is a numeric keypad with buttons for digits 1-9, 0, and a decimal point. There are also three function buttons: "CANCEL" (red text), "CLEAR" (yellow text), and "ENTER" (green text). The dialog box has a blue bar at the bottom.

Press ENTER to apply the parameter and continue;
Press CANCEL to exit and terminated the PROCESS
Press CLEAR to cancel the number inserted;

Network Settings

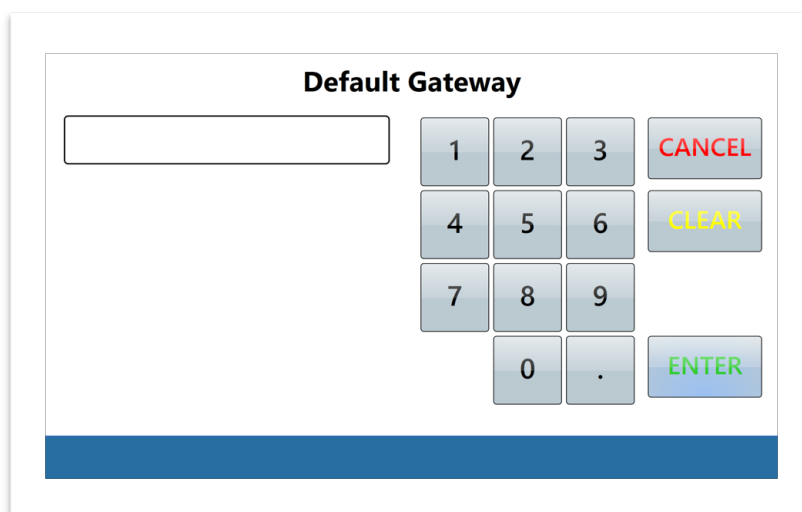
3. Insert the network mask:



The image shows a screen titled "Subnet Mask". On the left, there is an empty rectangular input field. To the right of the input field is a numeric keypad with buttons for digits 1 through 9, 0, and a decimal point (.). Additionally, there are three function buttons: "CANCEL" (in red text), "CLEAR" (in yellow text), and "ENTER" (in green text). The keypad is arranged in a grid: 1, 2, 3 in the first row; 4, 5, 6 in the second row; 7, 8, 9 in the third row; and 0, . in the fourth row. The "CANCEL" button is to the right of the first row, "CLEAR" is to the right of the second row, and "ENTER" is to the right of the fourth row. A blue horizontal bar is at the bottom of the screen.

Press ENTER to apply the parameter and continue;
Press CANCEL to exit and terminated the PROCESS
Press CLEAR to cancel the number inserted;

4. Insert the Default Gateway IP for the network where the system is connected:



The image shows a screen titled "Default Gateway". On the left, there is an empty rectangular input field. To the right of the input field is a numeric keypad with buttons for digits 1 through 9, 0, and a decimal point (.). Additionally, there are three function buttons: "CANCEL" (in red text), "CLEAR" (in yellow text), and "ENTER" (in green text). The keypad is arranged in a grid: 1, 2, 3 in the first row; 4, 5, 6 in the second row; 7, 8, 9 in the third row; and 0, . in the fourth row. The "CANCEL" button is to the right of the first row, "CLEAR" is to the right of the second row, and "ENTER" is to the right of the fourth row. A blue horizontal bar is at the bottom of the screen.

Press ENTER to apply the parameter and continue;
Press CANCEL to exit and terminated the PROCESS
Press CLEAR to cancel the number inserted;

Network Settings

5. Insert DNS Server for the network where the system is connected:

DNS Server

1 2 3 CANCEL
4 5 6 CLEAR
7 8 9
0 . ENTER

Press ENTER to apply the parameter and continue;
Press CANCEL to exit and terminated the PROCESS
Press CLEAR to cancel the number inserted;

6. With server IP is indicated the IP Address of the server where the data of the system will sent in case of cloud connection with a platform:

Server IP

1 2 3 CANCEL
4 5 6 CLEAR
7 8 9
0 . ENTER

Press ENTER to apply the parameter and continue;
Press CANCEL to exit and terminated the PROCESS
Press CLEAR to cancel the number inserted;

Network Settings

7. With Port IP is indicated the IP Port of the server where the data of the system will sent in case of cloud connection with a platform:

Server Port

1 2 3 CANCEL
4 5 6 CLEAR
7 8 9
0 . ENTER

Press ENTER to apply the parameter and terminate the procedure;
Press CANCEL to exit and terminated the PROCESS
Press CLEAR to cancel the number inserted;

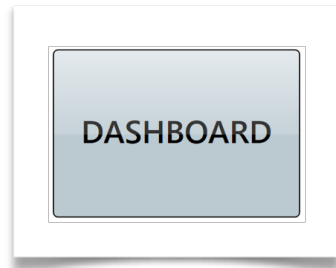
At the end of the procedure a confirmation message will be displayed:

Network Information updated!

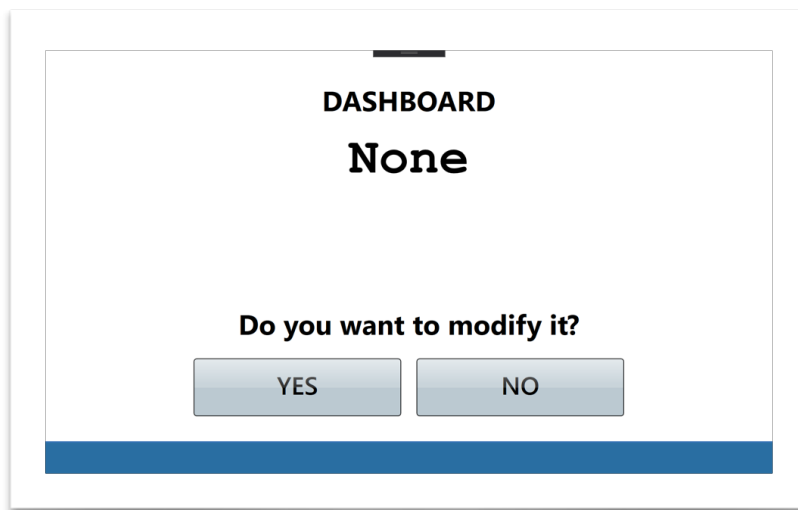
PROGRAMMING Dashboard

This option programs the dashboard (or data interface) used by the application to transfer the data.

1. Enter the Master PIN and press the following function:



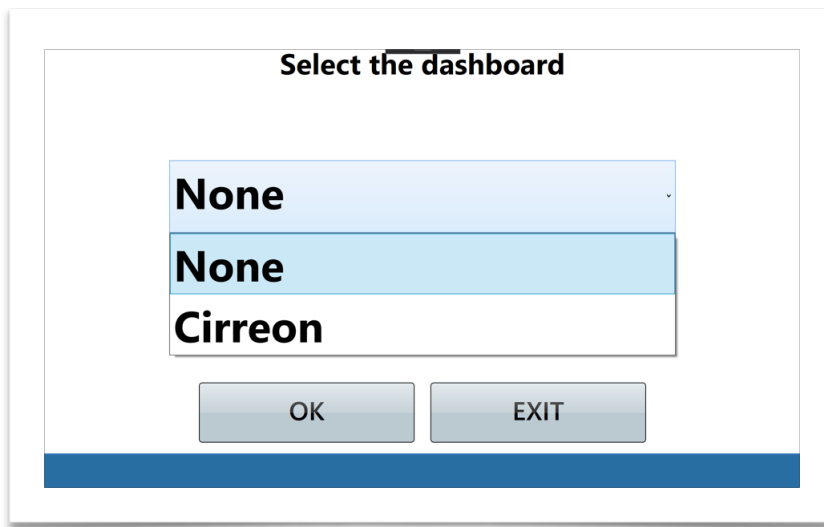
2. The system shows the current selected dashboard/data interface:



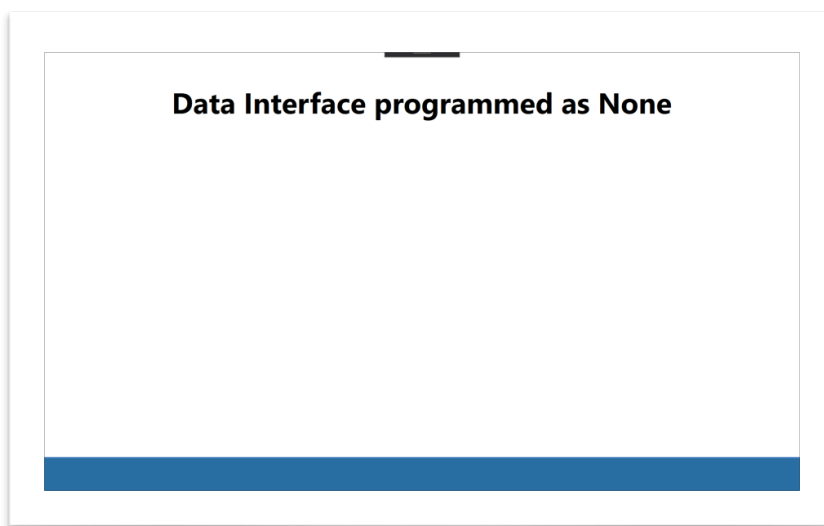
Press YES to modify the system dashboard or NO to terminated the process.

Dashboard

3. After pressing YES the system let the user to choose among a list of available dashboards:



Select the desired dashboard and press OK to confirm or EXIT to terminated the process. In case of selection of a new dashboard the system shows a confirmation mask:

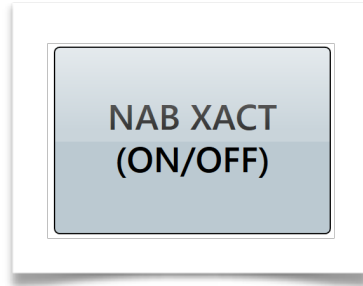


PROGRAMMING Man Xact (On/Off)

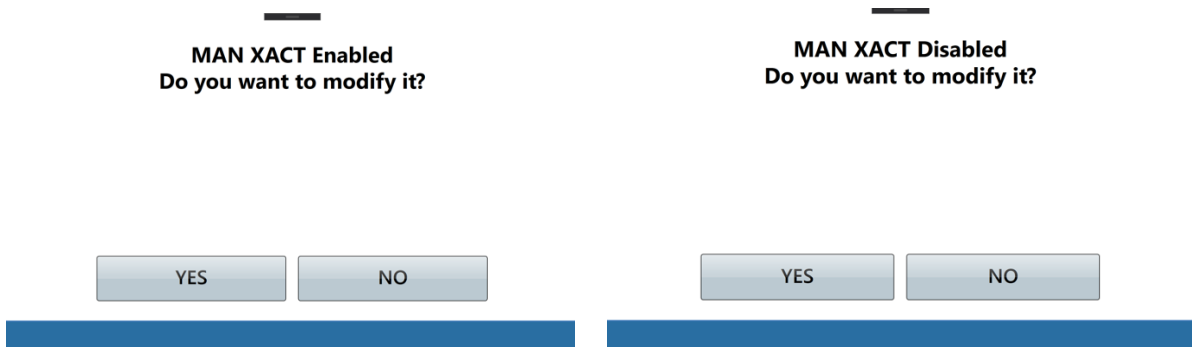
This option enables or disables the requirement that the user enter a transaction number for Cash Drop or Safe Drop that will be printed on the receipt.

This enables the user to tie transactions on two different systems together with a common number.

1. Enter the Master PIN and select the following function:



2. After pressing the function button the system will display the current status. The function can be either enabled or disabled:



Pressing the button YES the system will change the current setting and a confirmation message will be displayed. Pressing NO the current configuration will not be changed.



PROGRAMMING Armor Car

The Armor Car options are, Remove Cash, Open Door or the use of the iButton to operate any of the given options instead of the designated key. The options will be active when enabled and applied.

Program Armor Car options

Armor Car on Remove Cash	<input checked="" type="checkbox"/>	Use iButton	<input type="checkbox"/>
Armor Car on Door Open	<input type="checkbox"/>		

APPLY

EXIT



PROGRAMMING Hatch Solenoid

The Hatch Solenoid is necessary to be used when trying to remove some specific jams of the Note Counter or a need to reach the interior electronics of the unit. When necessary to use this feature you will be prompted by an Armor Customer Support Technician.

Do you want to activate the hatch solenoid?

YES

NO

PROGRAMMING System Signals

System Signals are for internal use.

Enable device signals

Input Door Enabled



Top Hatch Enabled



Escrow Door Enabled



Safe Door Enabled



Bag Presence Enabled



APPLY

EXIT

PROGRAMMING UPS

The UPS is the Uninterrupted Power Supply equipment which is an option feature of the CN10K solution.

This function key allows to enable it or disable it as necessary.

UPS Enabled
Do you want to modify it?

YES

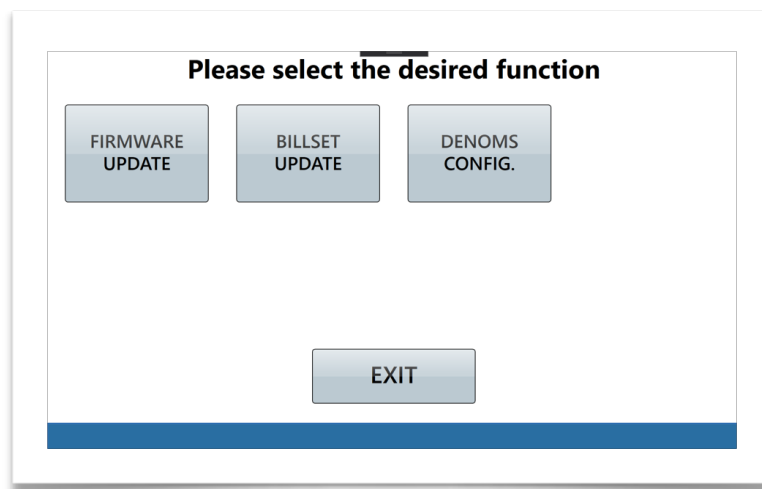
NO

PROGRAMMING Configure CA10

Please contact with ARMOR CUSTOMER SERVICE support prior any changes to the Note Counter configuration. Any changes in this section can cause the equipment to malfunction.



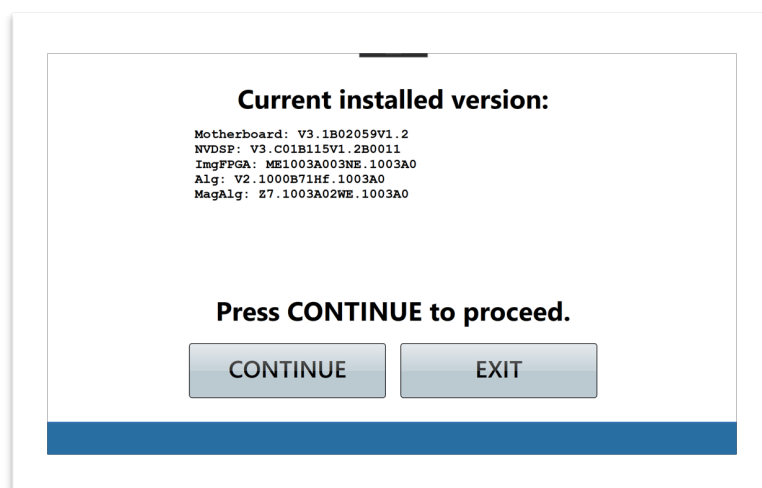
The system presents different options



Firmware Update

The banknote device module CA10 main firmware can be upgraded with a file provided from the produced (Warning: use only upgrade files provided from Armor Safe Technologies company to avoid to damage the system). The firmware update procedure consist in the following steps:

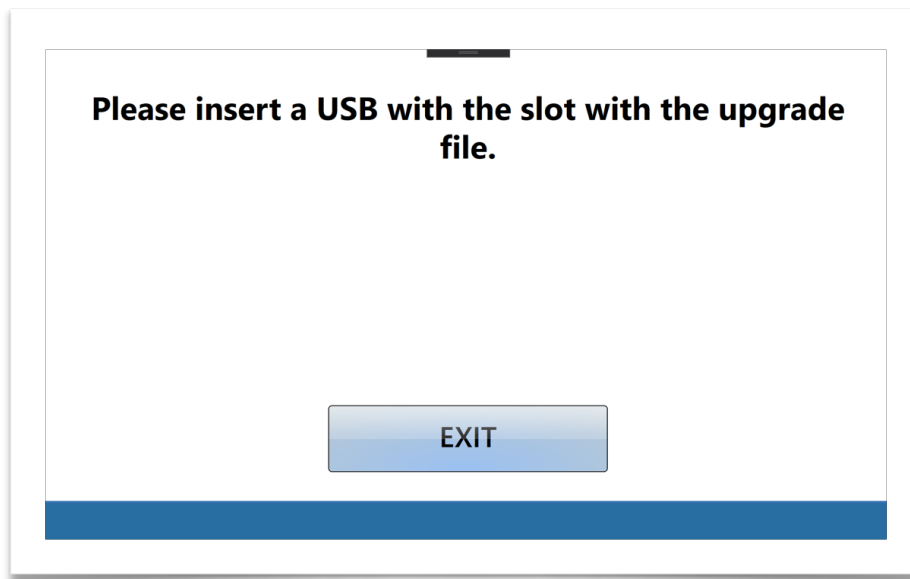
1.The system show the current status of the working software version on the CA10 device:



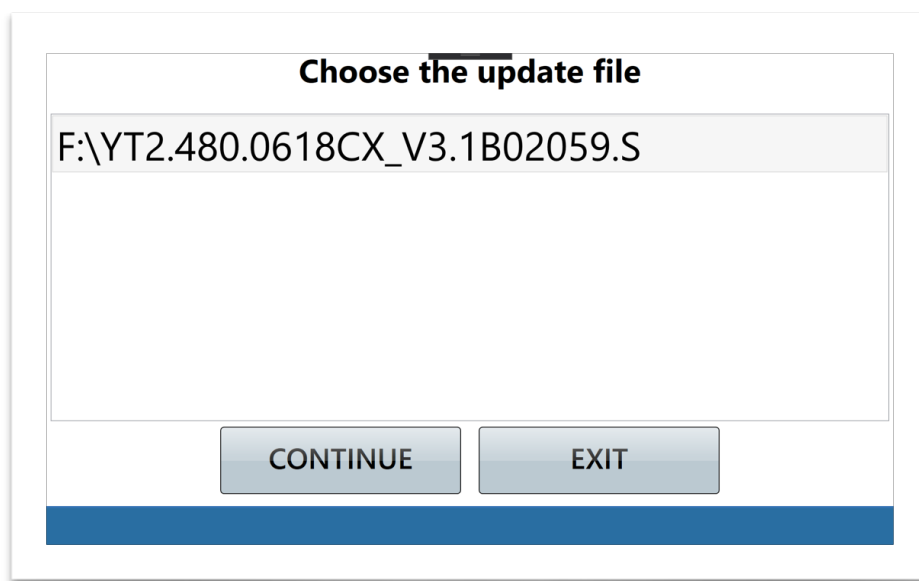
Press CONTINUE to proceed with the upgrade of the system or press EXIT to terminate the procedure.

Configure CA10

The system will ask to insert a USB stick in one of the USB port of the system containing a valid firmware upgrade file:



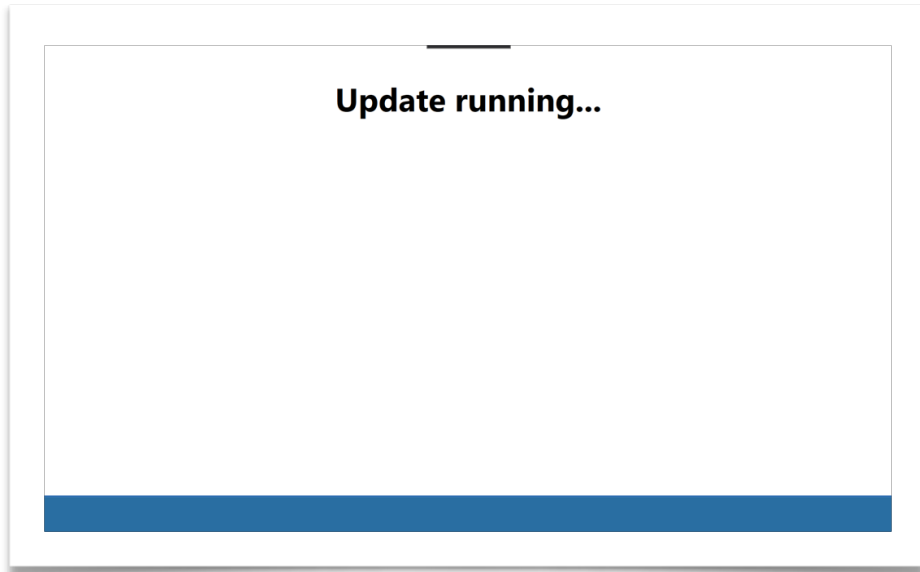
2. After a valid USB stick has been inserted into the system an automatic check take place and the software shows a list a valid file (if there is more the one valid):



Select the desired update file and press CONTINUE to proceed with the upgrade of the system or press EXIT to terminate the procedure.

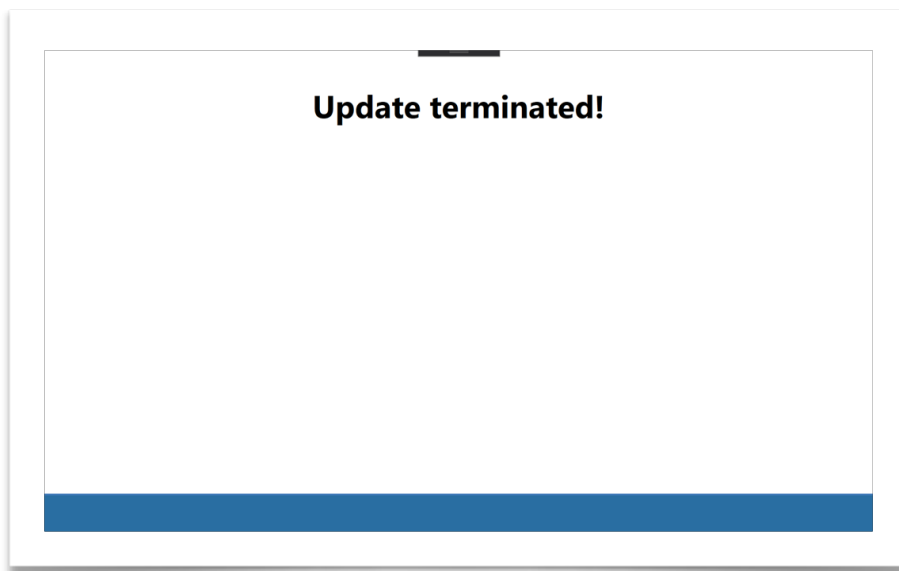
Configure CA10

3.The upgrade start running automatically:



Warning: during the process do not power down the system.

4.At the completion of the task the system will show a message:



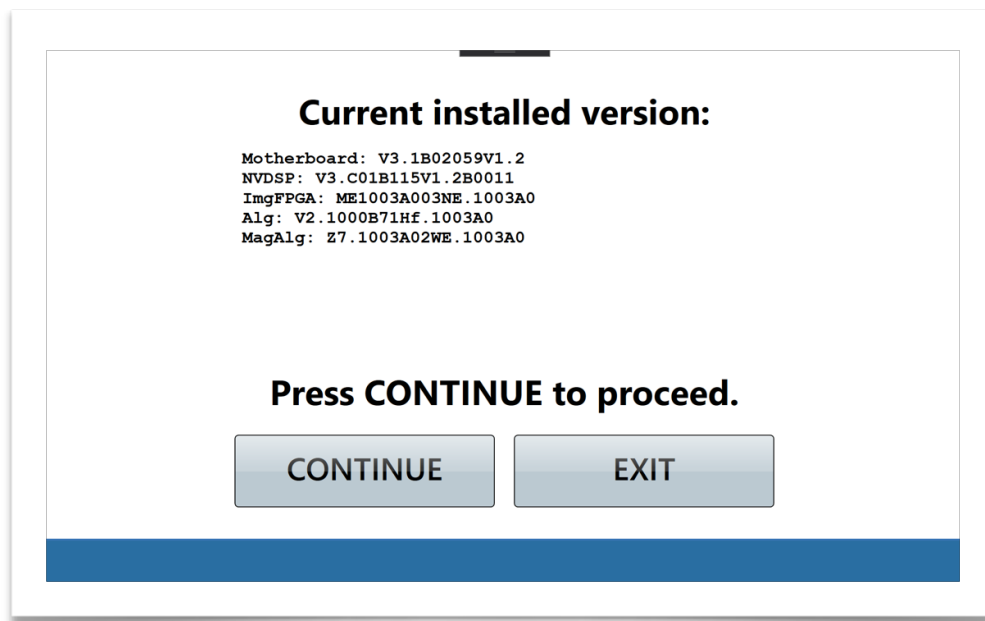
Configure CA10

Template Update

The banknote validator module let us to configure the desired currency template. It must be related to the default currency of the system (Warning: use only upgrade files provided from Armor Safe Technologies company to avoid to damage the system).

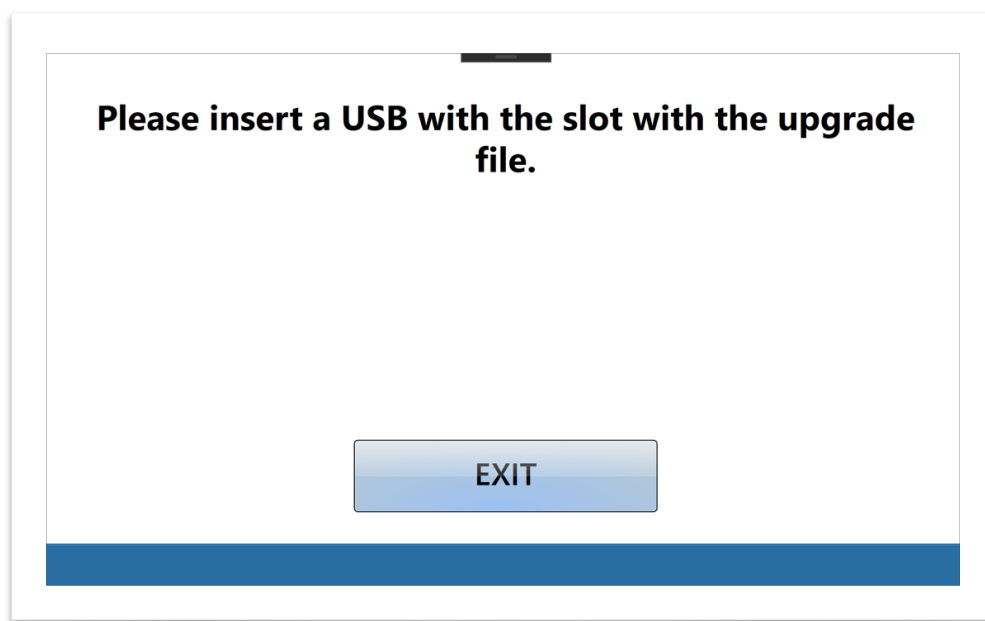
The template update procedure consist in the following steps:

1.The system show the current status of the working software version on the CA10 device:



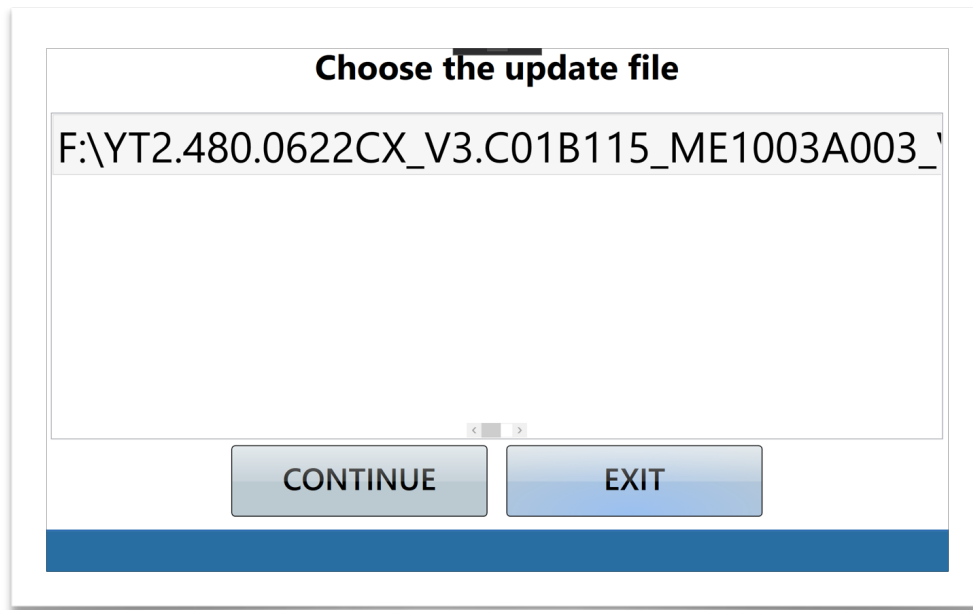
Press CONTINUE to proceed with the upgrade of the system or press EXIT to terminate the procedure.

2.The system will ask to insert a USB stick in one of the USB port of the system containing a valid template upgrade file:



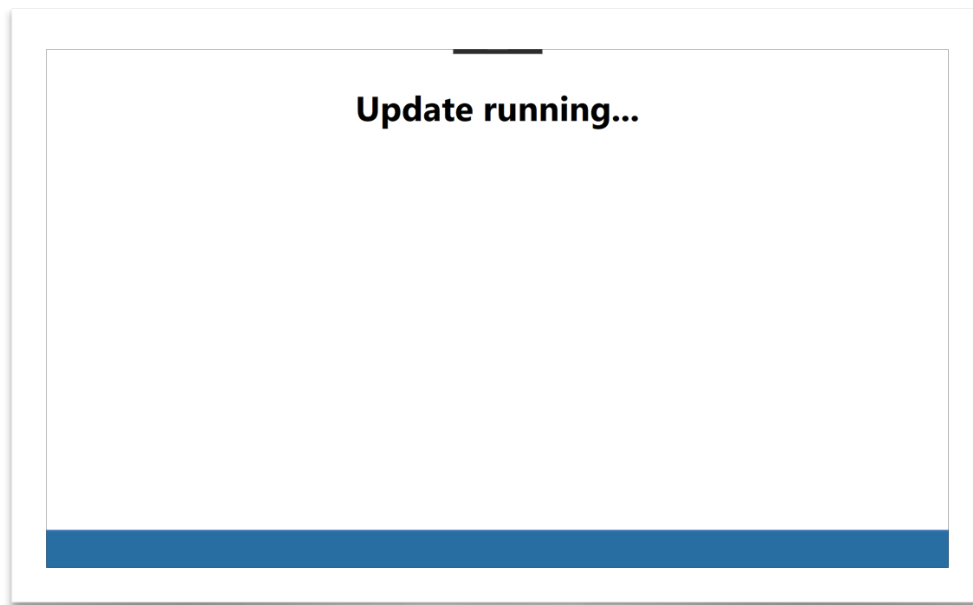
Configure CA10

3. After a valid USB stick has been inserted into the system an automatic check take place and the software shows a list a valid file (if there is more the one valid):



Select the desired update file and press CONTINUE to proceed with the upgrade of the system or press EXIT to terminate the procedure.

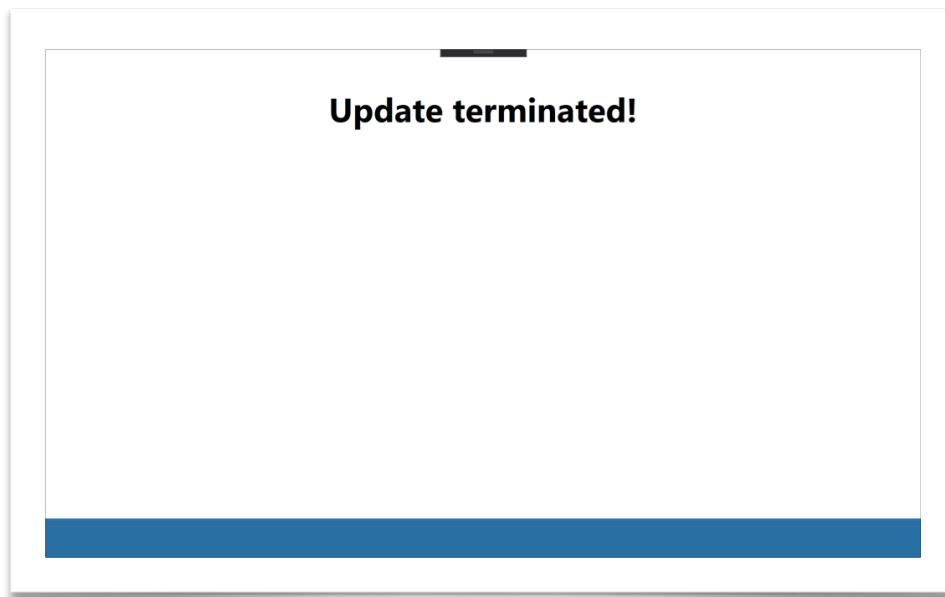
4.The upgrade start running automatically:



Warning: during the process do not power down the system.

Configure CA10

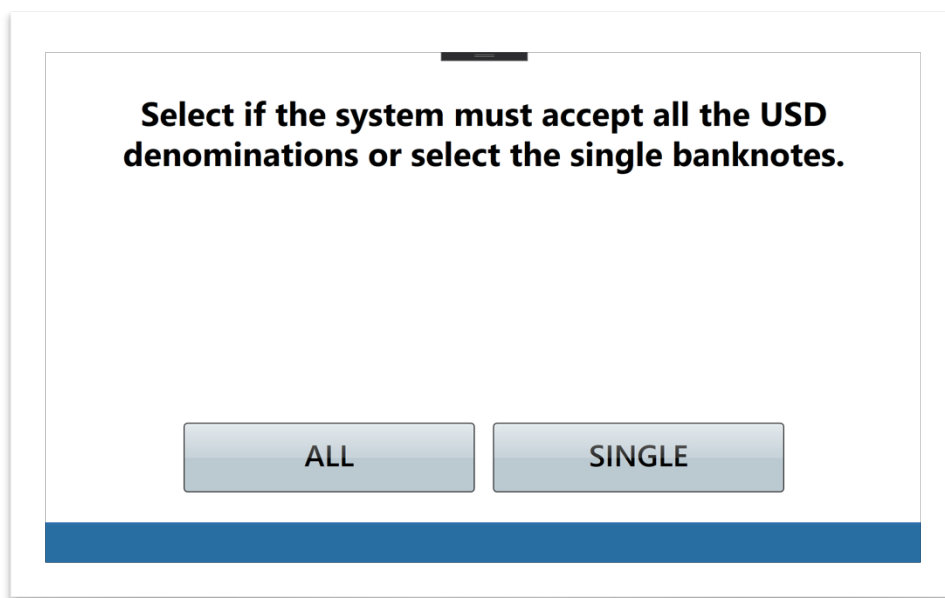
5. At the completion of the task the system will show a message:



Denomination Configuration

The system offers the option to recognise all the denomination of the selected currency or only few of them. The selection can be done filtering on the denomination value and version.

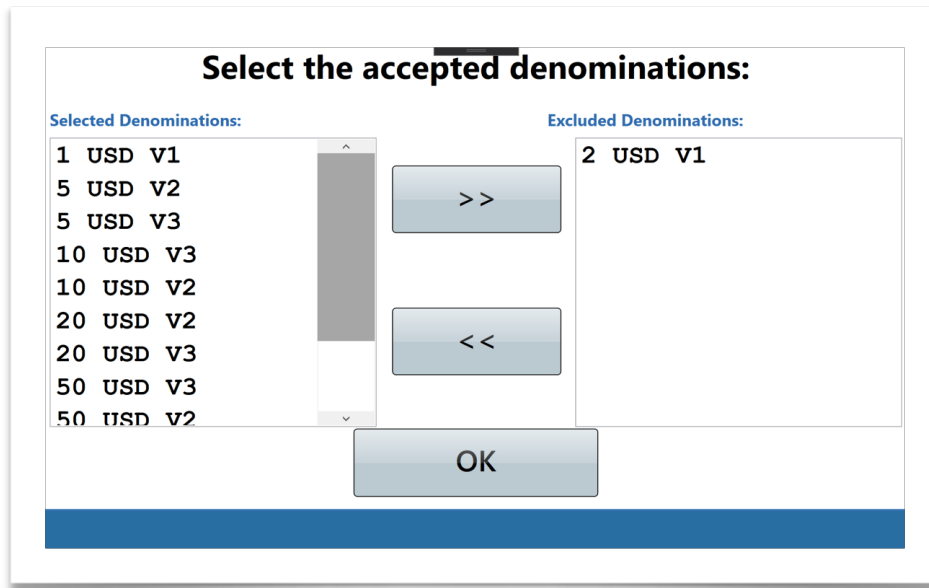
1. The system asks if we want to accept all the denomination values or select only few of them:



Select ALL to tell the system to accept all the denominations of the selected currency or select SINGLE to enter into the denomination selection mask.

Configure CA10

1. In case the SINGLE button has been pressed the following appears:



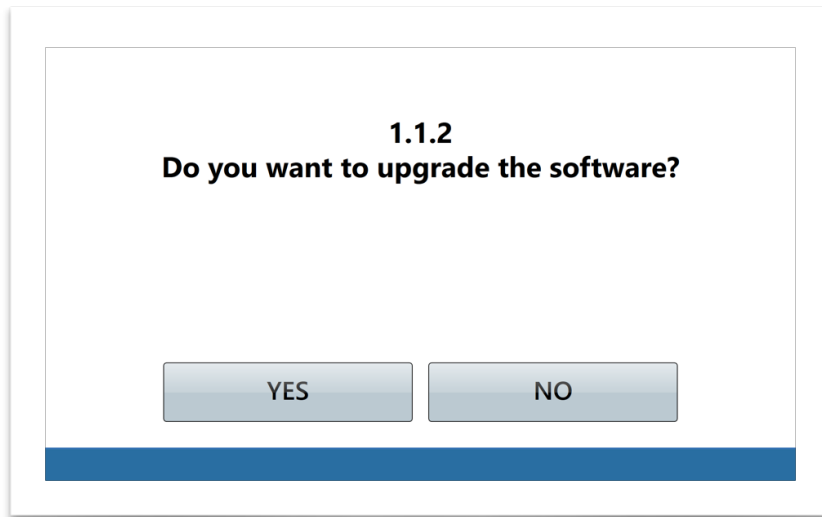
With the arrows keys is possible to tell the system is a banknote denomination/ version stays in the set of the accepted or in the one of the not accepted denomination.

Press OK to store the configuration.

PROGRAMMING Software Update

The software of the system can be upgraded with a file through a USB stick. (Warning: files will be provided from Armor Safe Technologies when necessary. Any tampering with this section could cause the equipment to malfunction or brake) The software update procedure consist in the following steps:

1.The system show the current status of the working software version:

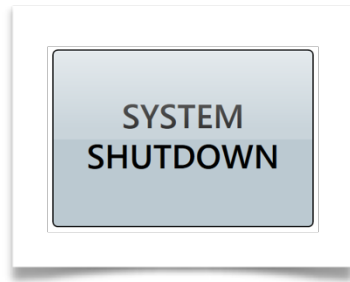


Pressing YES the upgrade software process starts. Pressing NO the process terminates.

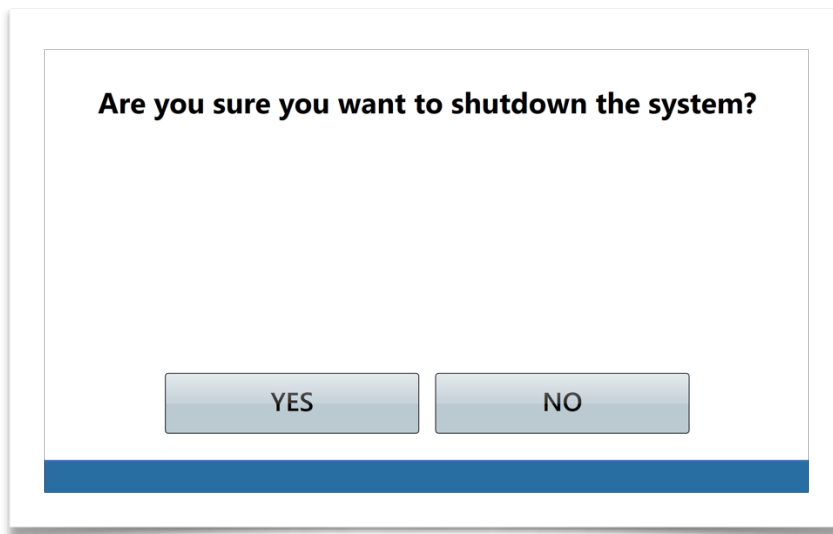
2.Inserting a USB Stick into the system with a valid software update the system will start automatically the process and at the end will automatically reboot itself.

PROGRAMMING System Shutdown

1.To shutdown the system properly press the button



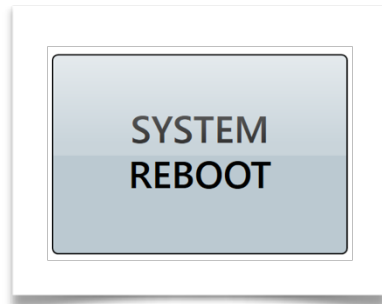
2.The software ask for a confirmation



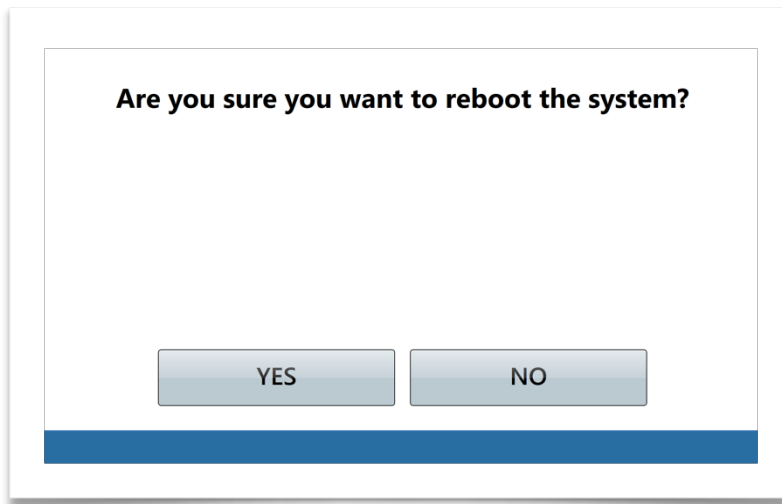
Pressing YES the shutdown process starts. Pressing NO the shutdown process will exit;

PROGRAMMING System Reboot

1.To reboot the system properly press the button:



2.The software asks for a confirmation:



Pressing YES the reboot process starts. Pressing NO the reboot process will exit;

PROGRAMMING Export Log File

When needed the LOGS of the equipment can be downloaded into a USB stick.

It is a simple process, first step is to ensure USB Stick is empty and no other files are found in it.

Next step is to insert the USB when prompted and await till files are downloaded and stored into the USB Memory. Once completed, USB can be removed.

**Please insert a valid USB
stick to export the system
log files.**

EXIT



Log files properly stored on USB Stick.



PROGRAMMING Records Viewer

The Records Viewer allows to have a quick perusal of transactions. The Records can be searched by a TimeSpan in between dates and time as needed. On a specific date or from the Last End of Day.

Once the required record has been found it can be printed for reference.

Date and Time selection

Search by
timespan

Search by
date

From last
EOD

EXIT

Archives at MAY 03 2021

RecordID	Date	Code	By User Name	For User Name	Value	Currency	TransactionId
706	5/2/2021 9:14:59 PM	PWUP			0.00	0	
707	5/2/2021 9:15:02 PM	INCH			0.00	0	Safe lock open
708	5/2/2021 9:22:50 PM	PWUP			0.00	0	
709	5/2/2021 9:22:52 PM	INCH			0.00	0	Safe lock open
710	5/2/2021 9:28:26 PM	PWUP			0.00	0	
711	5/2/2021 9:29:28 PM	INCH			0.00	0	Safe lock open
712	5/2/2021 9:47:40 PM	PWUP			0.00	0	
713	5/2/2021 9:48:03 PM	INCH			0.00	0	Safe lock open
714	5/2/2021 9:54:59 PM	PWUP			0.00	0	
715	5/2/2021 9:55:11 PM	INCH			0.00	0	Safe lock open
716	5/2/2021 10:17:48 PM	PWUP			0.00	0	
717	5/2/2021 10:17:55 PM	INCH			0.00	0	Safe lock open
718	5/2/2021 10:20:01 PM	MPIN			0.00	0	
719	5/2/2021 10:37:11 PM	UADD			0.00	0	
720	5/2/2021 11:07:07 PM	UMOD			0.00	0	
721	5/2/2021 11:56:06 PM	UDEL			0.00	0	
722	5/3/2021 12:08:23 AM	UDEL			0.00	0	ALL USERS
723	5/3/2021 12:39:30 AM	CLCR			0.00	0	

PRINT

EXIT

PROGRAMMING Service Code

Please contact with ARMOR CUSTOMER SERVICE support prior any changes through the Service Code. Any changes in this section can cause the equipment to malfunction

This function to be used only by Authorised staff.

Please call Armor Safe Tech. and refer this code:

4273870025

They will give you the temporary service code.

INSERT CODE

EXIT

Insert the One Time Service Code for: 4273870025

1

2

3

CANCEL

4

5

6

CLEAR

7

8

9

0

ENTER

Please select the desired function

FACTORY
RESET

RECORDS
RESET

DATE & TIME

EXIT TO
WINDOWS

MASTER
MENU

EXIT

OPERATIONS

DAILY ROUTINES

OPERATIONS Operate Safe

This chapter provides step by step instructions for the various functions of the system. This section is only accessible using a four- digit user PIN.

All the functions are reported on the system's DETAIL REPORT and can be reprinted using the DATE TRANS REPORT and other reporting options of the ARCHIVE REPORTS.

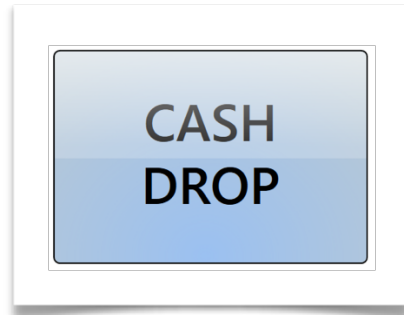
To access one or all of the functions and log in to the system using the four-digit PIN. The most common function are directly available while the other can be found using the MENU button.

This manual includes instructions for all functions currently available. All of the functions described here may not be available on all units.

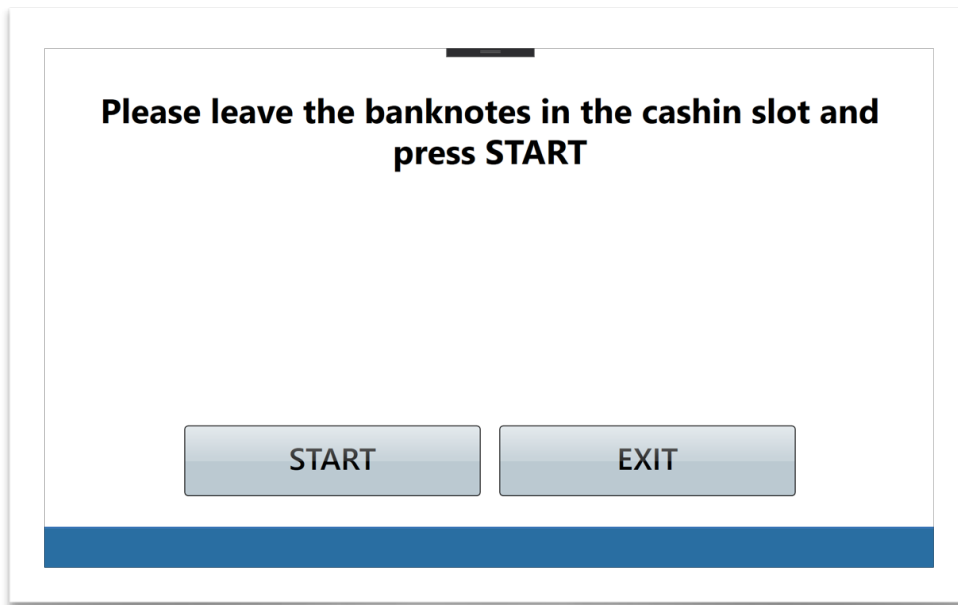
Each instruction page show how the function can be accessed.

OPERATION Cash Drop

This function allows the user to deposit bills into the system. The bills are counted and validated.



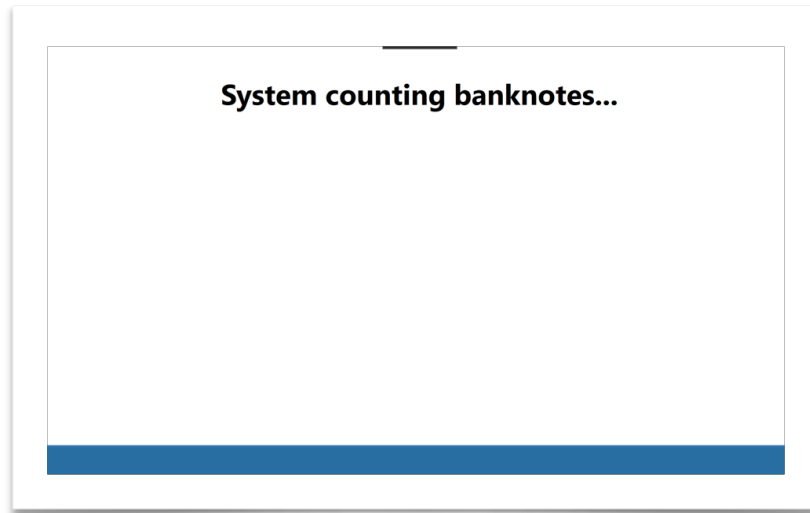
1. Log in and press the CASH DROP key. The following screen appears:



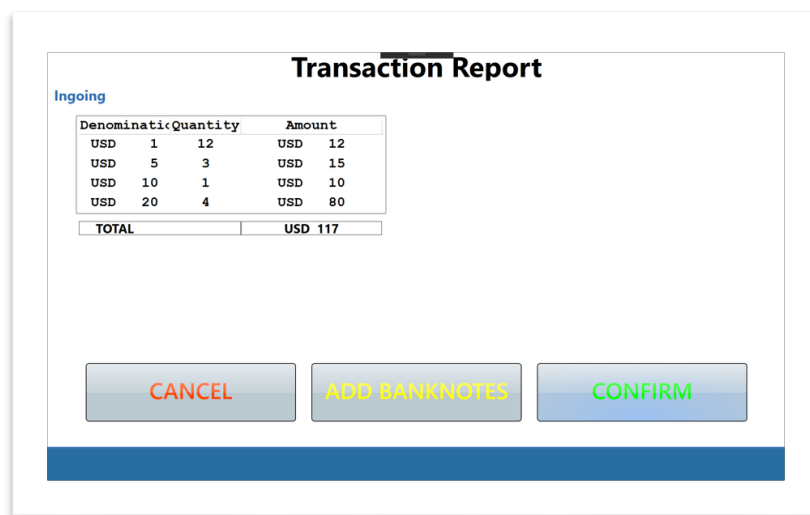
2. Insert the bills into the input tray and press START or press EXIT to terminate the process.

Cash Drop

3.The system start to count all the bills:



4.When all the inserted bills have been processed by the system a report appears:



The system shows a report with all the processed bills. At this point the user can choose on thress options:

CANCEL: The user refused to proceed with the process and ask the system to return the bills back.

ADD BANKNOTES: The user need to add more bills before proceed with the deposit (WARNING: the escrow capacity of the system is 200 bills).

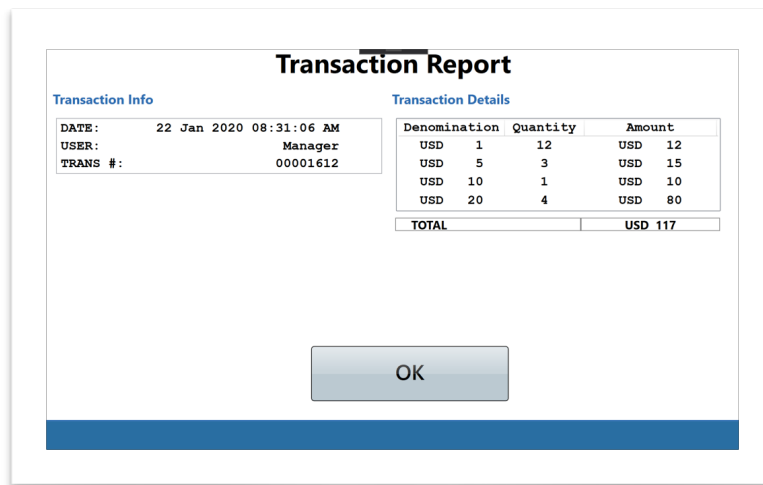
CONFIRM: At the confirmation the system will deposit all the bills in the safe. The deposited bills cannot be returned.

Cash Drop

4. After a confirmation the system will need some second to move the bills into the safe:



5. After the deposit the system will show a report about all the transaction data:

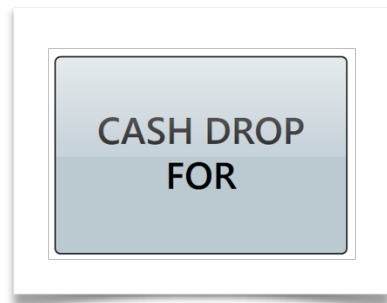


If the system is configured to print a receipt, a DROP RECEIPT will be printed.

OPERATION Cash Drop For

This function allows an authorised user to drop cash for another user. The authorised user logon to the system and presses MENU and presses CASH DROP FOR. The system will ask for the user number of the user they are dropping for. When a bill is inserted, it is counted and credited to the user they are dropping for. The system records the total amount of currency accepted through the bill reader. These totals are kept in memory and used to generate various reports.

When the user has finished inserting bills a receipt will be printed, if configured. The details of this function can be reprinted using the **DATE TRANS REPORT** section of the **ARCHIVE REPORTS**.



This function is accessible only with a four- digit PIN.

1.The first step is to insert the UserID of the user we're dropping for:

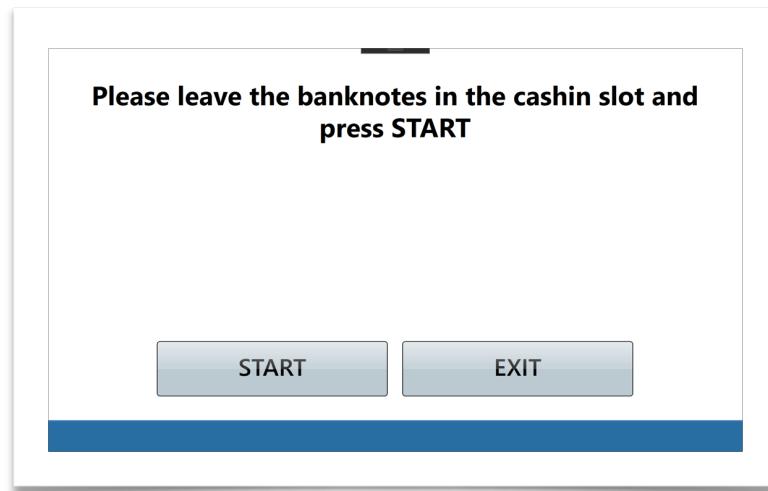
Insert User ID #

<input type="text"/>	1	2	3	CANCEL
	4	5	6	CLEAR
	7	8	9	
	0			ENTER

Press ENTER to validate the UserId or
press CLEAR to cancel the input or
press CANCEL to terminate the procedure

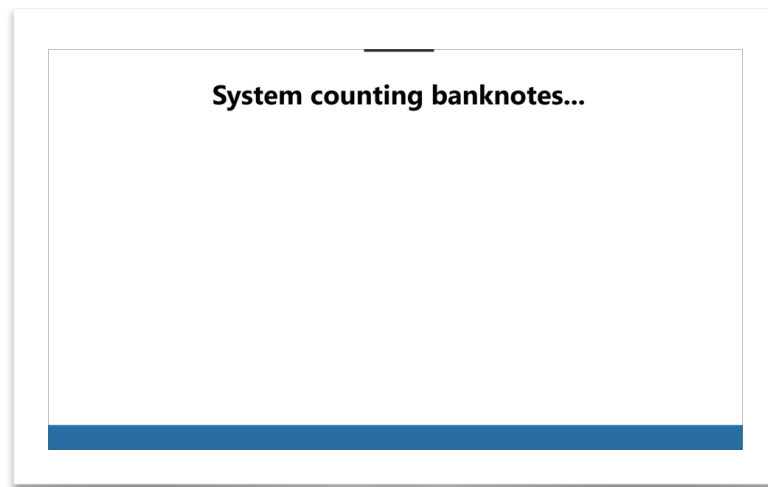
Cash Drop For

2. Log in and press the CASH DROP key. The following screen appears:



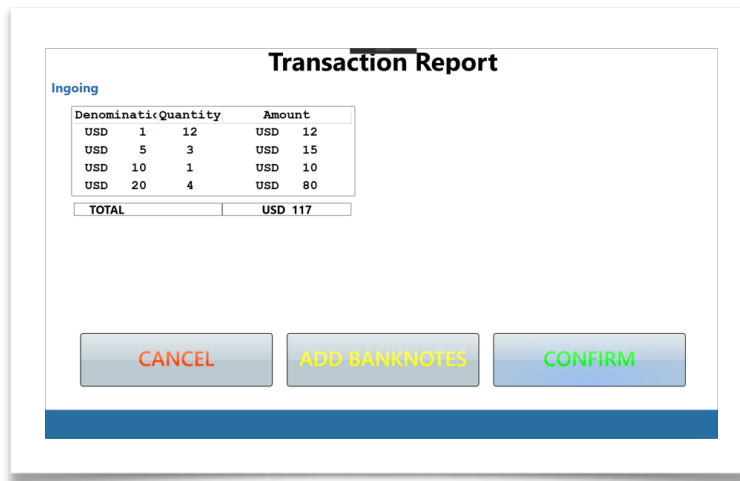
3. Insert the bills into the input tray and press START or press EXIT to terminate the process.

The system start to count all the bills:



Cash Drop For

4. When all the inserted bills have been processed by the system a report appears:



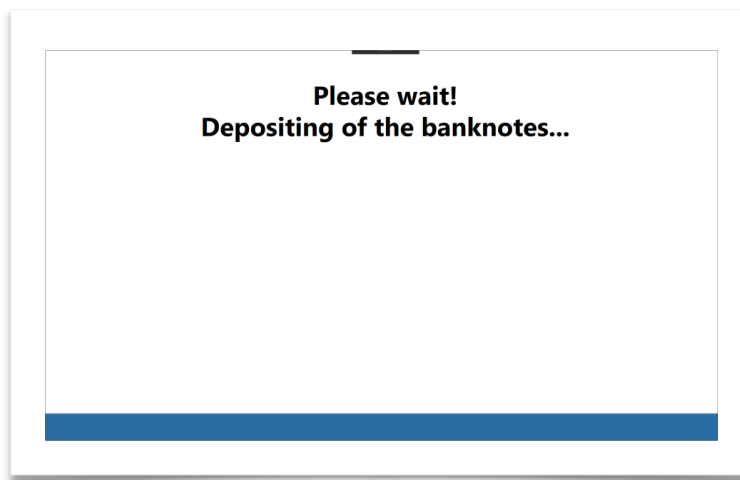
The system shows a report with all the processed bills. At this point the user can choose on three options:

CANCEL: The user refused to proceed with the process and ask the system to return the bills back.

ADD BANKNOTES: The user need to add more bills before proceed with the deposit (WARNING: the escrow capacity of the system is 200 bills).

CONFIRM: At the confirmation the system will deposit all the bills in the safe. The deposited bills cannot be returned.

5. After a confirmation the system will need some second to move the bills into the safe:



Cash Drop For

6. After the deposit the system will show a report about all the transaction data:

Transaction Report

Transaction Info		Transaction Details		
DATE:	22 Jan 2020 08:31:06 AM	Denomination	Quantity	Amount
USER:	Manager	USD	12	USD 12
TRANS #:	00001612	USD	3	USD 15
		USD	1	USD 10
		USD	4	USD 80
TOTAL				USD 117

If the system is configured to print a receipt, a **DROP RECEIPT** will be printed.

OPERATIONS Safe Drop

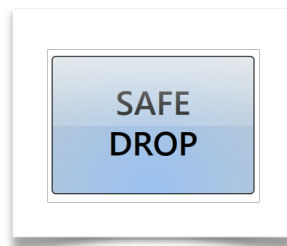
The **SAFE DROP** function allows users to enter the dollar amount and type of an item they are depositing through the deposit drawer. The user may be depositing bills that are wet or damaged and should not be fed into the bill acceptors or simply depositing a check or credit card slip. Depending on the system's configuration, up to six different items may be dropped.

- Cash
- Coin
- Credit
- Check
- Coupons
- Lotto

Depending on the system's configuration, a receipt may be printed for each type of deposit.

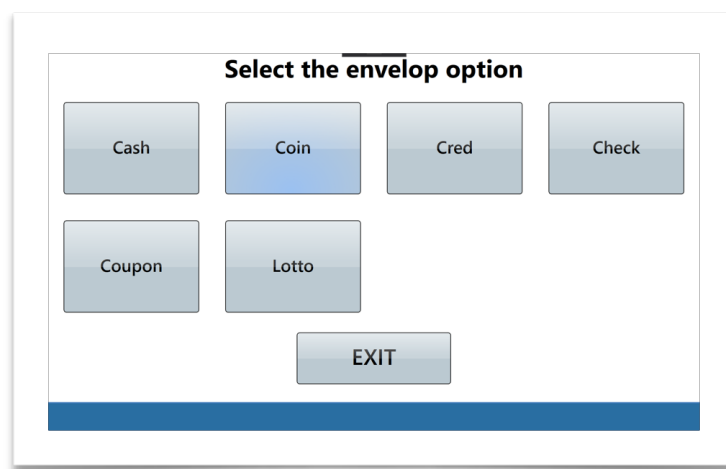
The dollar amount, type, date, time, user number and name, if programmed for each drop, are stored in memory for different reporting functions.

The detail for any of these deposit types can be reprinted using the DATE TRANS REPORT section of the ARCHIVE REPORTS.



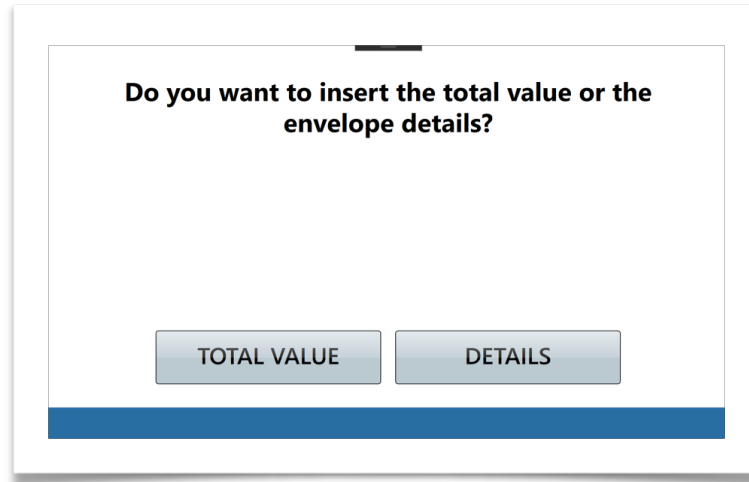
This function is accessible only with a four-digit PIN.

1. The first step is to choose the envelop type:



Safe Drop

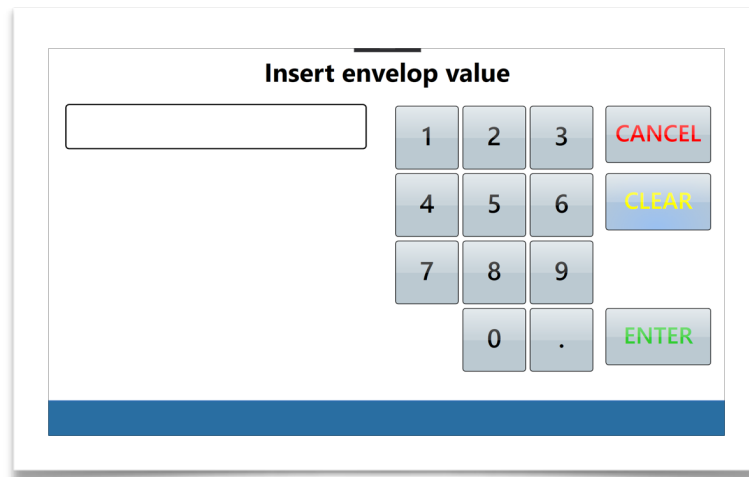
2. Depending how the system is configured (see for details the programming section) the user will be asked either to insert the total amount of the envelope or to insert the details.



The screenshot shows a white dialog box with a blue bar at the bottom. The text inside reads: "Do you want to insert the total value or the envelope details?". Below the text are two buttons: "TOTAL VALUE" on the left and "DETAILS" on the right.

(this option is available if for the corresponding envelope type the "details" is not enabled).

3. In case the user chooses to insert the total value:



The screenshot shows a white dialog box with a blue bar at the bottom. The title is "Insert envelop value". On the left is a text input field. To the right is a numeric keypad with buttons for digits 1-9, 0, and a decimal point. There are also three function buttons: "CANCEL" (red text), "CLEAR" (yellow text), and "ENTER" (green text).

Press ENTER to validate the amount or press CLEAR to cancel the input or press CANCEL to terminate the procedure

Safe Drop

4.If "Details" has been chosen the user can indicate the quantity of each denomination for both bills and coins (where applicable):

Choose banknotes details				TOTAL:
1 USD	<input type="text" value="0"/>	+	-	0.00 USD
5 USD	<input type="text" value="0"/>	+	-	
10 USD	<input type="text" value="0"/>	+	-	
20 USD	<input type="text" value="0"/>	+	-	
<input type="button" value="ABORT"/> <input type="button" value="NEXT >>"/>				

Choose coins details				TOTAL:
0,01 USD	<input type="text" value="0"/>	+	-	0.00 USD
0,05 USD	<input type="text" value="0"/>	+	-	
0,10 USD	<input type="text" value="0"/>	+	-	
0,25 USD	<input type="text" value="0"/>	+	-	
<input type="button" value="ABORT"/> <input type="button" value="NEXT >>"/>				

5.After the point 3 or 4 the user is required to insert the envelop into the system:

Please deposit the envelop into the system and then press OK to confirm!

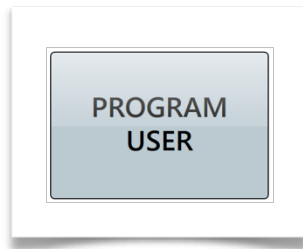
6.Press OK to confirm that the envelop has been deposited.

A confirmation message appears and if the system is configured to print a receipt, a **SAFE DROP RECEIPT** will be printed.

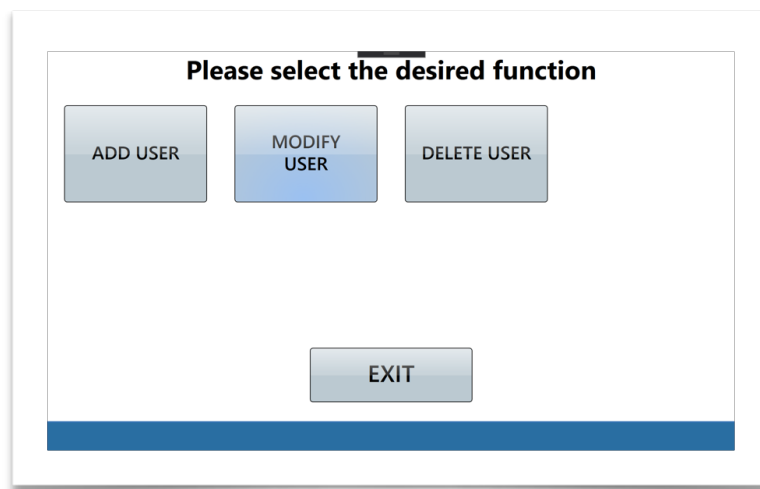
OPERATION Program User

This function allows you to add, edit or delete users to the system.

Once logged in press the MENU button and select the PROGRAM USER function



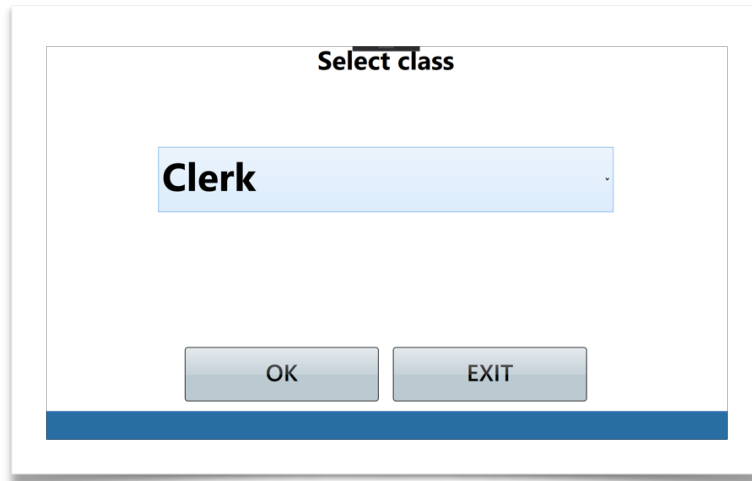
This function opens directly a menu with the different actions:



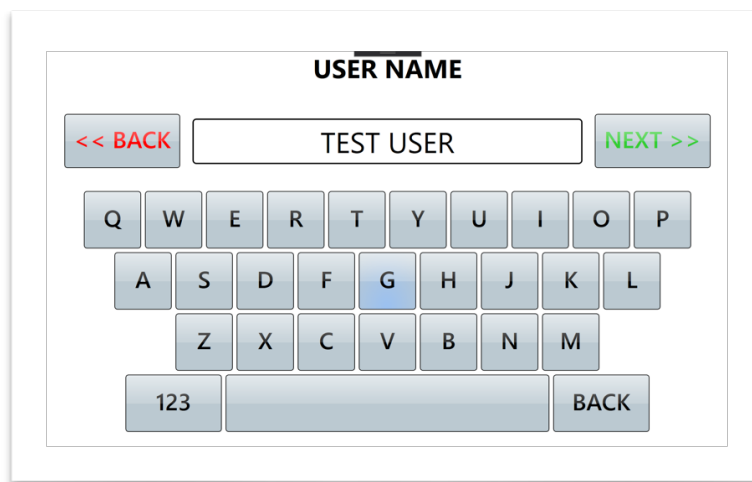
Add User

The add user function allow you to add a user to the system. You will be asked the privilege class, the user's name and their PIN.

1.The first action is to choose the class of the user:



then press OK to confirm and move forward or EXIT to terminate the procedure



2.The second step is to insert the user name:

then press OK to confirm and move forward or EXIT to terminate the procedure;

Add User

3. Then it is necessary to insert a user PIN

The screenshot shows a screen titled "Enter new PIN". On the left, there is a text input field containing four black dots. To the right of the input field is a numeric keypad with buttons for digits 1 through 9, and 0. To the right of the keypad are three buttons: "CANCEL" in red, "CLEAR" in yellow, and "ENTER" in green. The screen has a blue bar at the bottom.

then press ENTER to confirm and move forward or CLEAR to delete the content or CANCEL to terminate the procedure

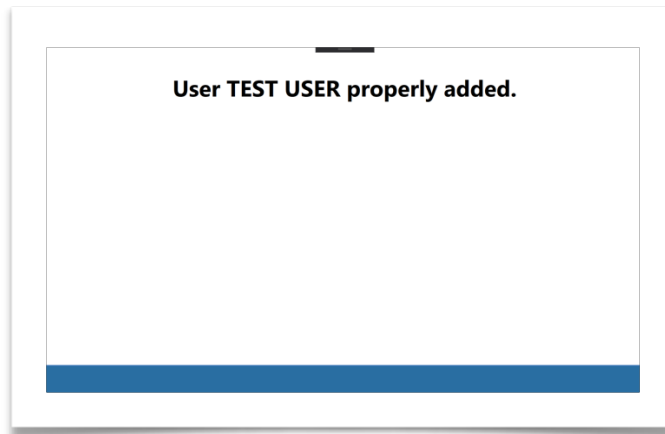
The screenshot shows a screen titled "Re-Enter new PIN". On the left, there is a text input field containing four black dots. To the right of the input field is a numeric keypad with buttons for digits 1 through 9, and 0. To the right of the keypad are three buttons: "CANCEL" in red, "CLEAR" in yellow, and "ENTER" in green. The screen has a blue bar at the bottom.

4. The PIN has to be confirmed a second time:

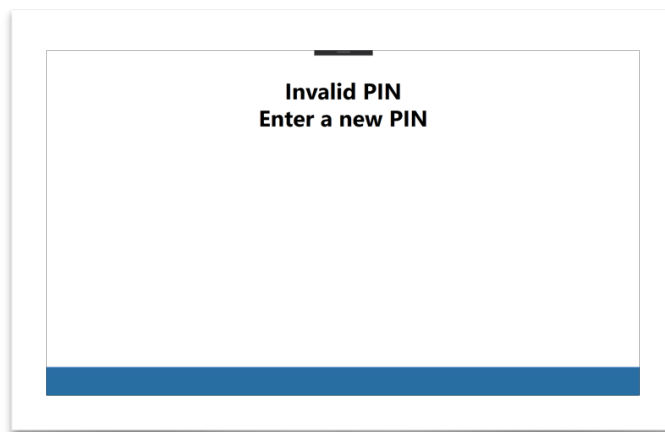
then press ENTER to complete the procedure or CLEAR to delete the content or CANCEL to terminate the procedure;

Add User

5.If the procedure end without any errors the following message will be displayed:



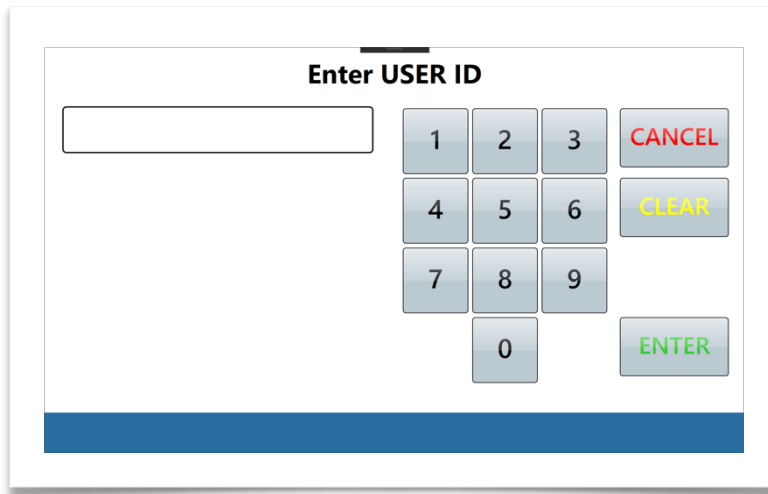
In case of not valid PIN inserted (for instance if the PIN is already in use) a message request to insert another time the PIN



Edit User

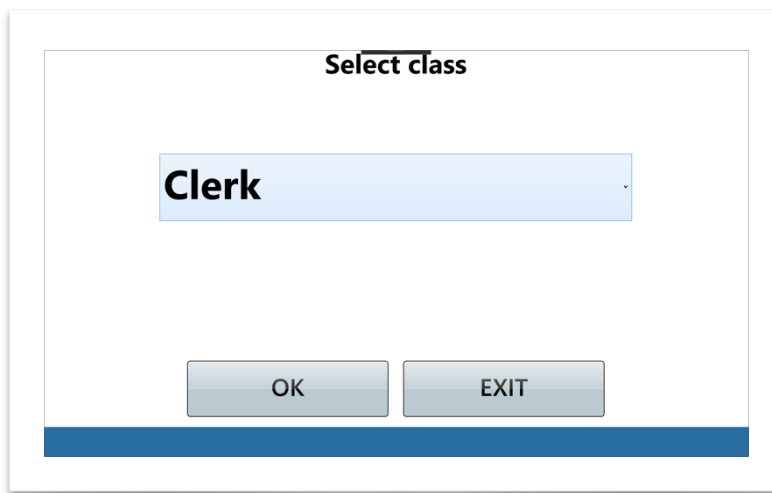
Edit an existing user involves a similar process illustrated to add a user

1. The first action is to insert the USER ID of the user one need to modify:



The screenshot shows a dialog box titled "Enter USER ID". On the left is a text input field. To its right is a numeric keypad with buttons for digits 1 through 9, 0, and a "CANCEL" button. Below the keypad are "CLEAR" and "ENTER" buttons. The dialog has a blue bar at the bottom.

2. It's now possible to change the user class the user belongs

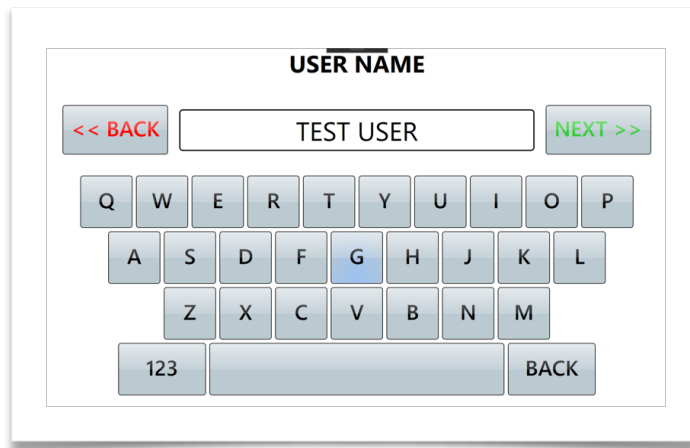


The screenshot shows a dialog box titled "Select class". It features a dropdown menu with "Clerk" selected. Below the dropdown are "OK" and "EXIT" buttons. The dialog has a blue bar at the bottom.

then press OK to confirm and move forward or EXIT to terminate the procedure;

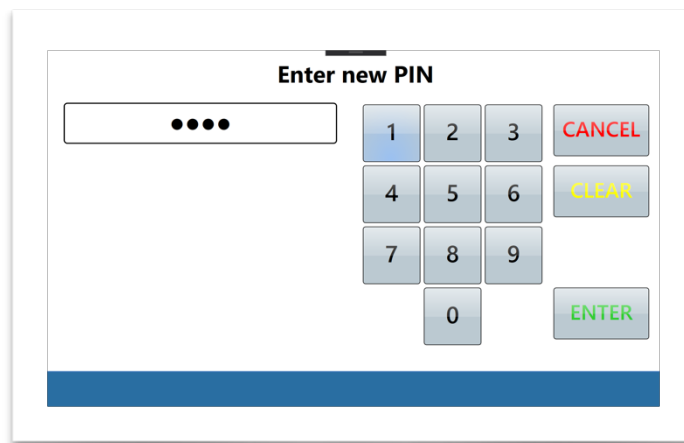
Edit User

3. The second step is to edit the user name:



then press NEXT to confirm and move forward or BACK to terminate the procedure;

4. Then is necessary to insert a user PIN



then press ENTER to confirm and move forward or CLEAR to delete the content or CANCEL to terminate the procedure;

Edit User

5. The PIN has to be confirm a second time:

The screenshot shows a screen titled "Re-Enter new PIN". On the left, there is a text input field containing four black dots. To the right of the input field is a numeric keypad with buttons for digits 1 through 9 and 0. To the right of the keypad are three buttons: "CANCEL" in red, "CLEAR" in yellow, and "ENTER" in green. The entire screen is framed by a white border with a blue bar at the bottom.

then press ENTER to complete the procedure or CLEAR to delete the content or CANCEL to terminate the procedure;

If the procedure end without any errors the following message is displayed:

The screenshot shows a white rectangular box with a thin black border. Inside the box, the text "User TEST USER properly edited." is centered. At the bottom of the box, there is a solid blue horizontal bar.

In case of not valid PIN inserted (for instance if the PIN is already in use) a message request to insert another time the PIN

The screenshot shows a white rectangular box with a thin black border. Inside the box, the text "Invalid PIN" is centered on the first line, and "Enter a new PIN" is centered on the second line. At the bottom of the box, there is a solid blue horizontal bar.

Delete User

The software allows the user deletion.

1. The first action is to insert the USER ID of the user one need to modify:

Enter USER ID

1 2 3 CANCEL

4 5 6 CLEAR

7 8 9

0 ENTER

2. Now the system request a confirmation of the deletion

Confirm delete of the user
TEST USER (17) ?

YES NO

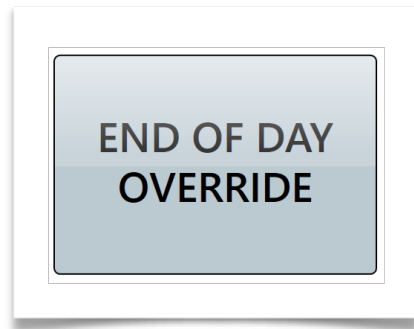
then press YES to confirm or NO to terminate the procedure;

3. If the procedure end without any errors a similar message appears:

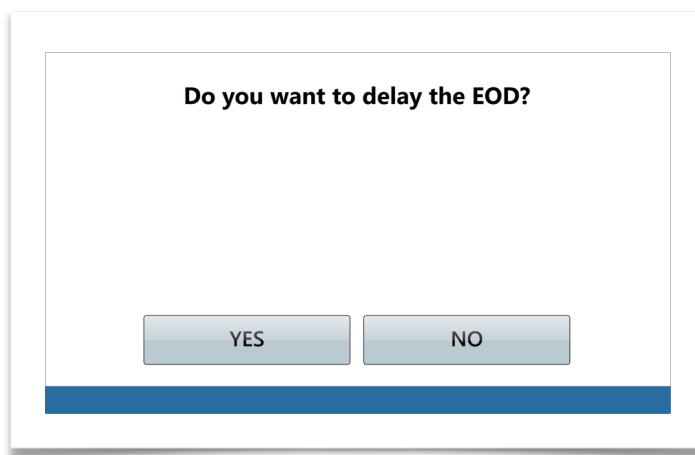
User TEST USER properly deleted.

PROGRAMMING End of Day override

If the End of Day Override functionality is enabled (refer to the End of Day programming for details) this functionality let the user to delay the End of Day closing time.

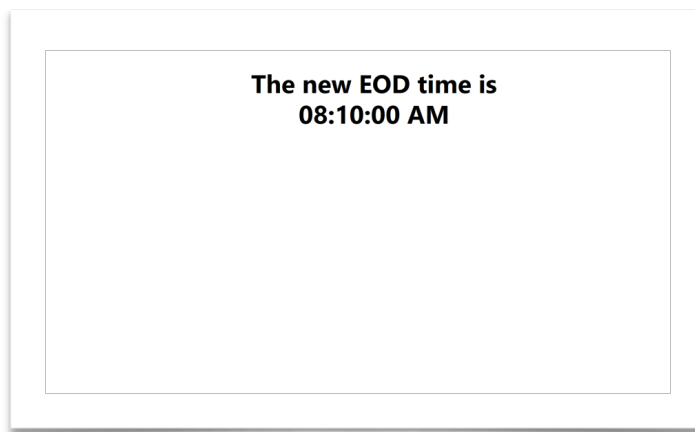


1. After choose the function the user must confirm the action:



Pressing YES the user confirms to delay the End of Day by 10 minutes.
Pressing NO the procedure terminates.

2. A confirmation message with the new time for the End of Day will be displayed:

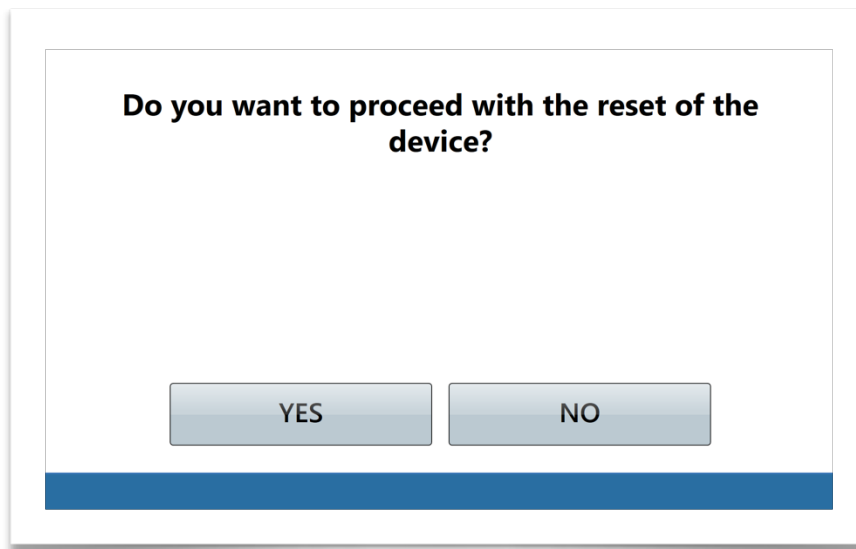


OPERATION Reset

This function ask the system to perform and hardware reset. The system will try to automatically recover from errors. If the error still persist it's necessary to check the devices to clear possible bill jams then launch the reset again.



1. After choose the function the user must confirm the action:



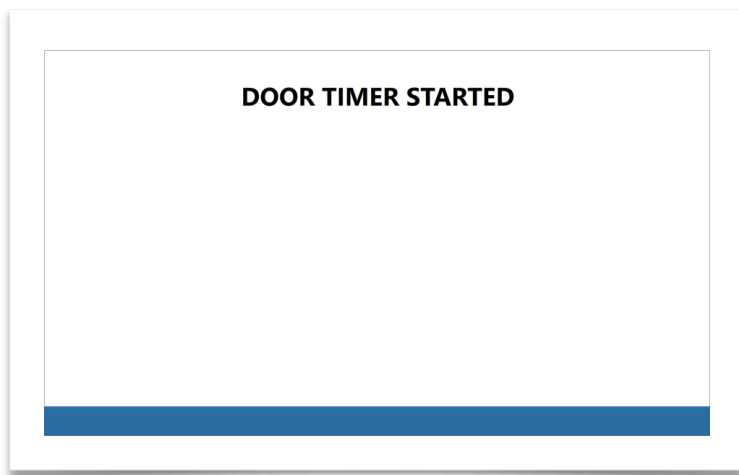
Pressing YES the user confirms to send a Reset to the system
Pressing NO the procedure terminates.

OPERATION Open Door (Without Key)

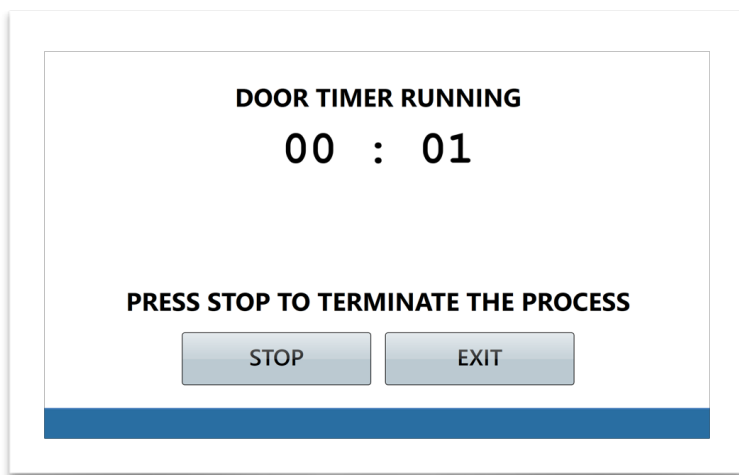
This function allows you to open the safe's door for extraordinary operations like maintenance.



Pressing the button OPEN MAIN DOOR the open door procedure will be activated. A confirmation mask will be displayed:



From this point the system start a timer with the programmed timeout (see programming section for details). In case the function is pressed new time a similar mask will be displayed:



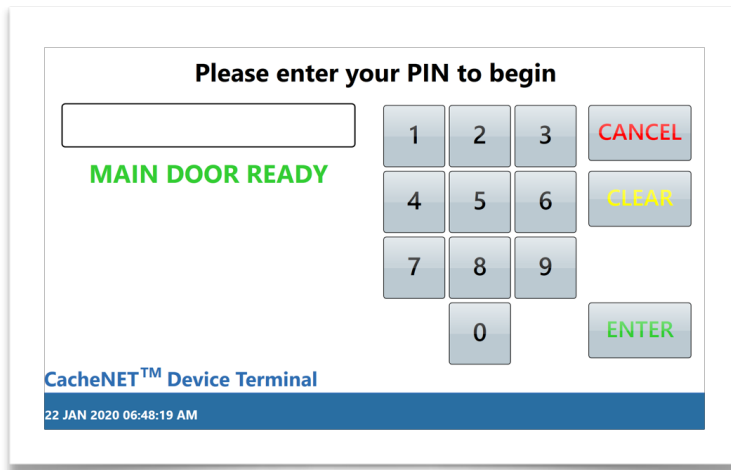
Open Door (Without Key)

The mask gives an indication of the elapsed time from the activation.

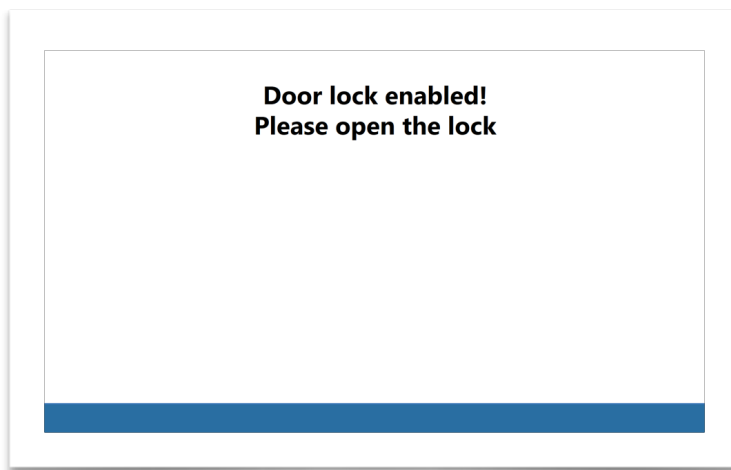
Pressing STOP the procedure terminates and the open door function request discarded.

Pressing EXIT the mask closes without any effect.

After the open door timeout is elapsed the system display message on the main page:



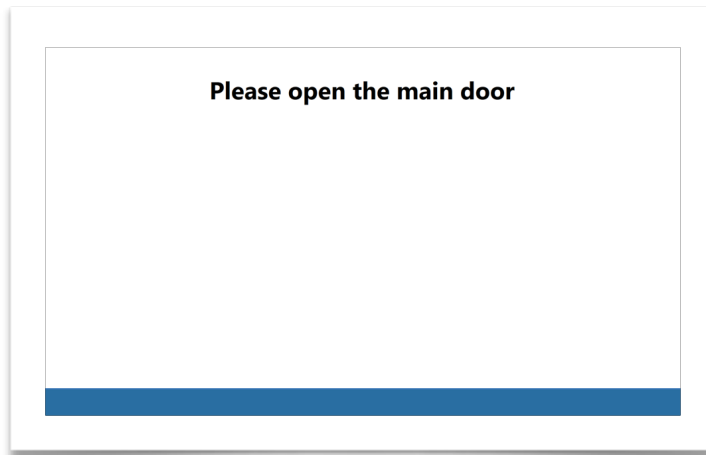
Logging in with the same PIN used to activate the procedure the system will enable the door lock:



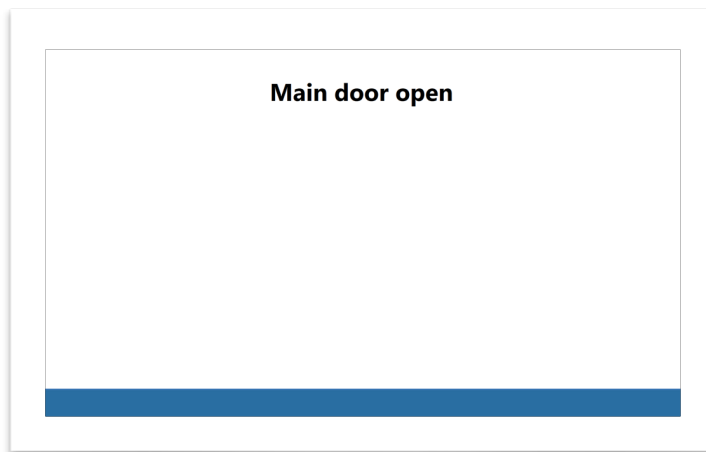
Open Door (Without Key)

Now the user should open the lock:

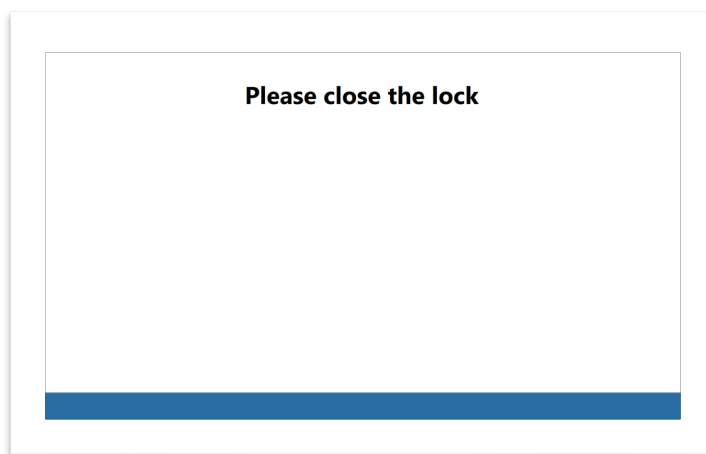
When the lock is opened is possible to open the door. An indication of the door opened stays on



the display until the door will be closed again:

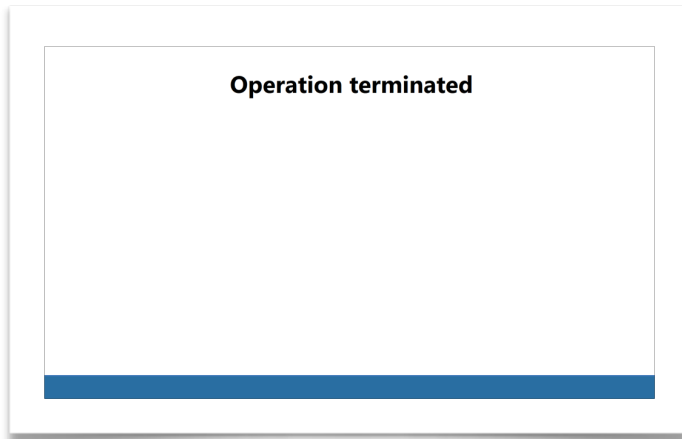


Once the door is closed the system wait for the lock closed:



Open Door (Without Key)

Once the lock is closed the procedure terminates:



OPERATION Open Door (With Key)

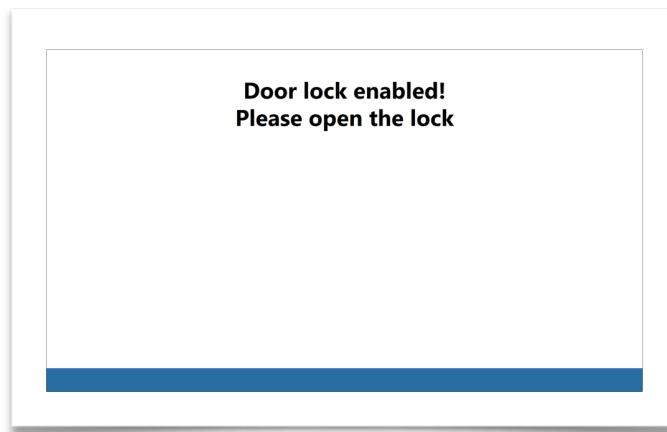
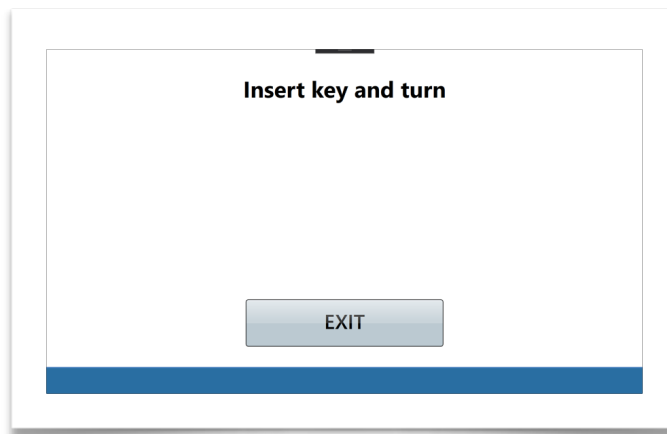
This function allows you to open the safe's outer door to remove the bills bag and items manually dropped into the safe. A Removal Report is printed and the totals are cleared and archived.

The details of this function can be reprinted using the REMOVE CASH REPORT section of the ARCHIVE REPORTS.

A user belonging to the class "Remove Cash" must insert the PIN then the REMOVE CASH function will be available in the DOORS menu:

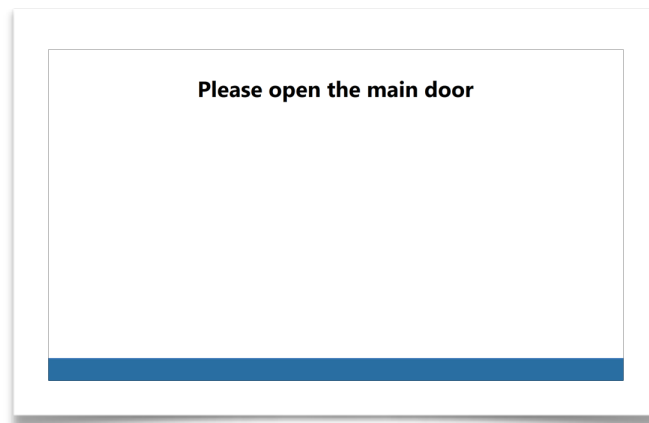


After pressing the REMOVE CASH function the system will ask to insert the key:



Once the key presence has been verified the opening procedure starts:

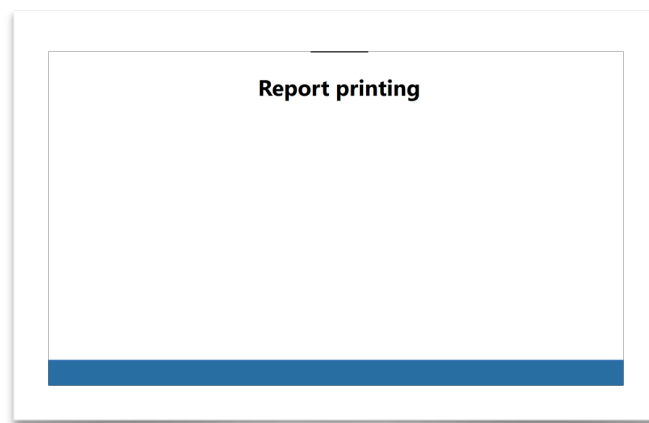
Open Door (With Key)



Now the user should open the lock:

When the lock is opened is possible to open the door.

As soon as the system feels the door open it will print the Remove Cash Report:

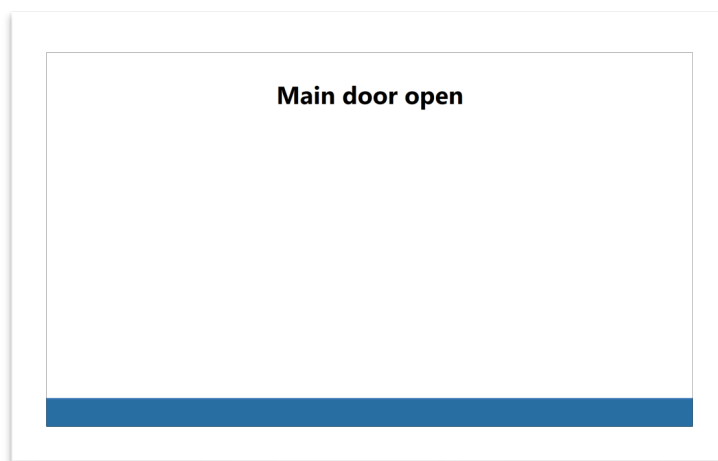


Open Door (With Key)

At the end of the printout the system asks for confirmation if the report has been properly printed

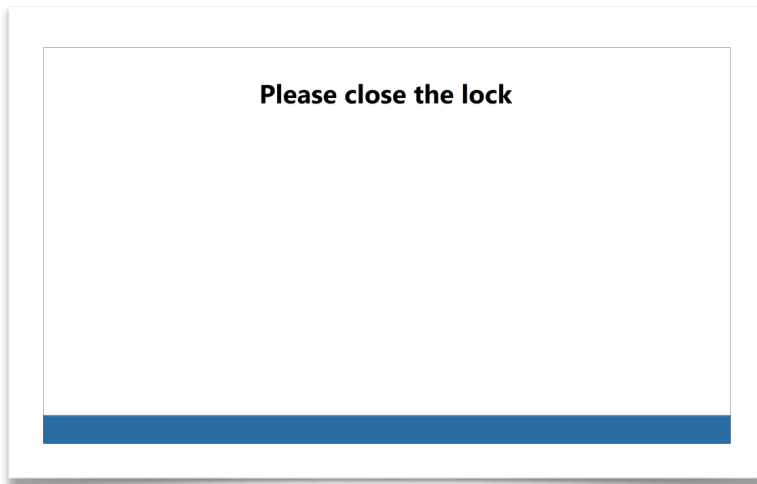


Pressing YES the system proceeds and give the indication of door open. This indication stays on the display until the door will be closed again.
Pressing NO the system will print the report again.

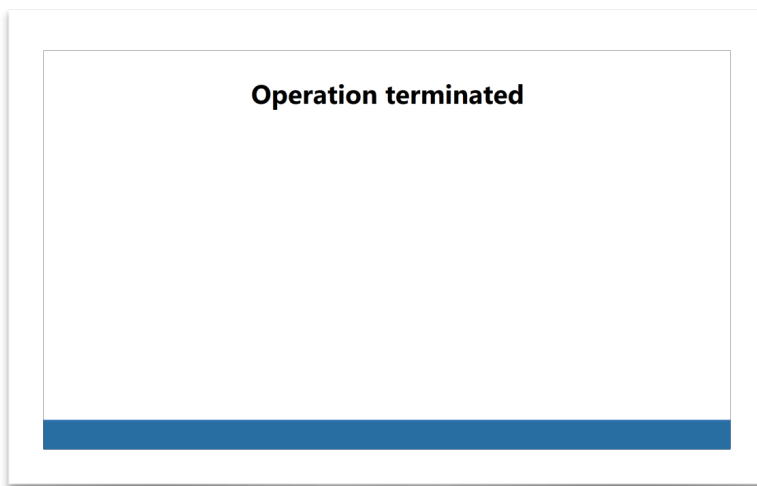


Open Door (With Key)

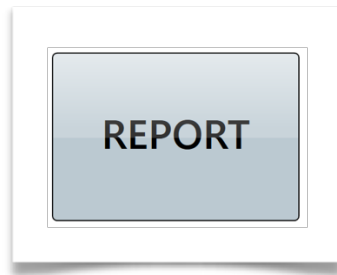
Once the door is closed the system wait for the lock closed:



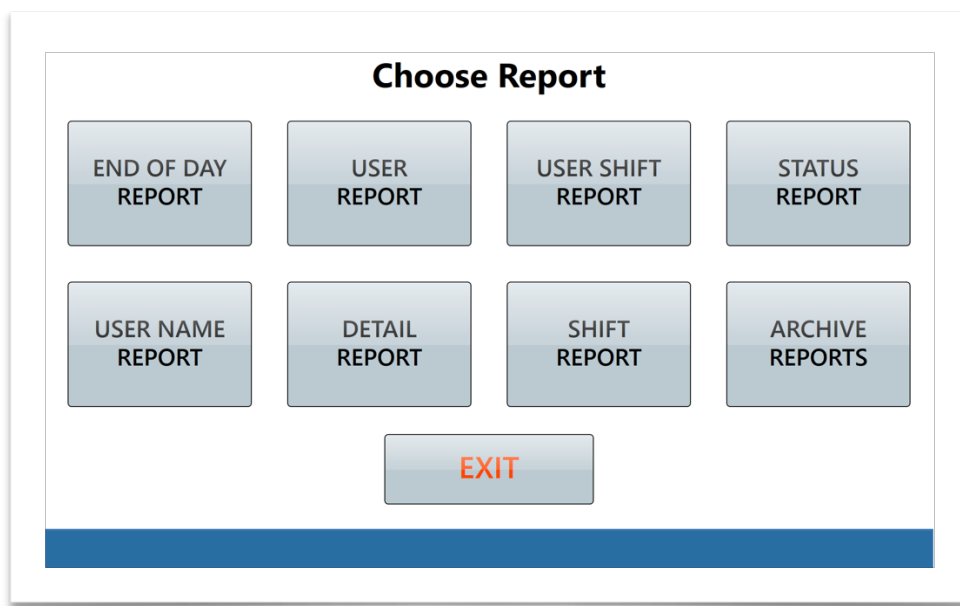
Once the lock is closed the procedure terminates:



REPORTS Print Reports



The **REPORTS** key allows the user access to the report menu group.



REPORTS Print Reports

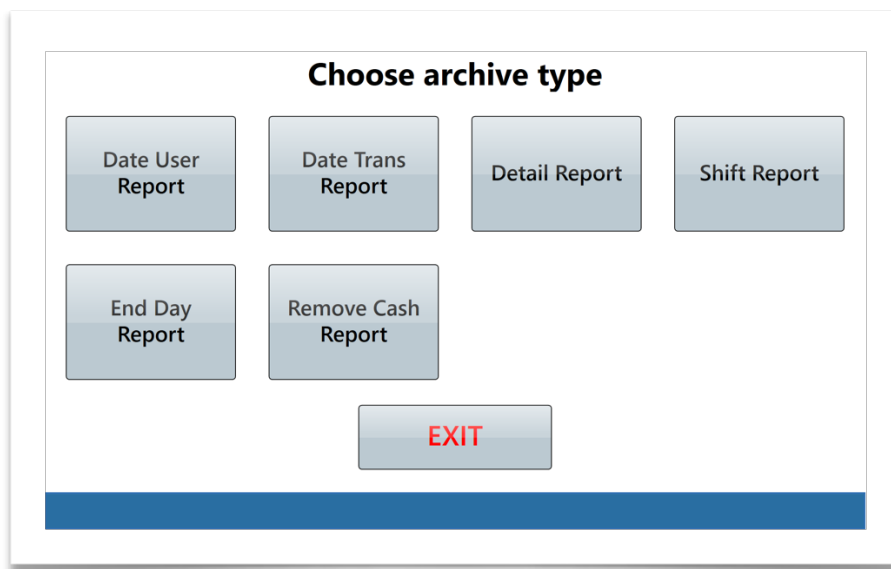
Depending on the user's privilege class, the user can print some or all reports generated by the system. The ability to print the various reports is determined during system setup. Normally the managers, users 01 - 15, can print all reports and clerks, users 16 - 239, can print only reports on themselves. If user 239 is the remove cash PIN, that user is not allowed to print any reports.

Below is a complete list of reports the system can generate. All reports are not available on all systems.

- End Day Report
- User Shift Report
- Status Report
- User Name Report
- Detail Report
- Shift Report
- Shift Report
- Archive Reports

The **ARCHIVE REPORTS** menu selection has several submenu items:

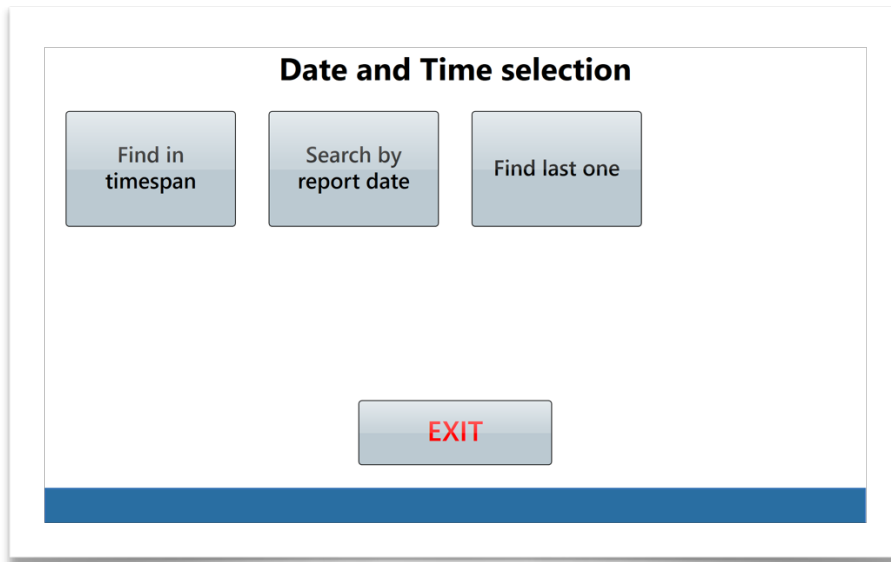
- Date User Report
- Date Trans Report
- Detail Report
- Shift Report
- End Day Report
- Remove Cash Report



REPORTS Print Reports

In this section is possible to reprint already printed reports.

Once selected the report to reprint the procedure ask how to search the desired report:



Find in time span: In this case the user will be asked to insert the begin and the end date for the period to look for;

Search by report date: It filters all the report printed on a specified date;

Find last one: It display the last report printed on the specified type;

TROUBLE SHOOTING

CN10K

General Error Code List

The following is a set of possible Errors that can occur during operation of CN10K.

The display will show an error number or error alert with the possible error cause and error description.

ERROR CODE/DESCRIPTION	TROUBLESHOOTING	SOLUTION
DEVICE_SAFEDOOR_OPEN	Safe door open	Check Door Status - Close Door
DEVICE_SAFELOCK_OPEN	Safe lock open	Check Safe Lock - Latch lock closed
DEVICE_TOPHATCH_OPEN	Top hatch open	Check hatch status - Close & Lock Hatch
DEVICE_BAG_NOT_PRESENT_OPEN	CashBag not present	Check CashBag/No CashBag Insert CashBag /If CashBag check engage
DEVICE_CA10_ERROR	Banknotes acceptor error	Check for any Bills Jams/Remove Bills/Run Reset
DEVICE_CA10_NOT_ONLINE	Banknotes acceptor not online	Perform Reset
DEVICE_ELECTRICLOCK_ACTIVATED	Electric lock activated	Check Error following pages & actions
DEVICE_ESCROWDOOR_OPEN	Escrow door open	Check for Bills in Escrow, remove any bills/Perform reset.
DEVICE_INPUTDOOR_OPEN	Input door open	Check top hatch door/Close
DEVICE_PRINTER_DOOR_OPENED	Printer door opened	Check Printer door status/Close
DEVICE_PRINTER_IN_ERROR	Printer in error	Check Printer paper/run reset
DEVICE_PRINTER_OFFLINE	Printer offline	Check CN10K On/Off Status/run reset
DEVICE_PRINTER_OUT_OFF_PAPER	Printer out of paper	Check paper status/replace paper roll
DEVICE_PRINTER_PAPER_JAMMED	Printer paper jammed	Open printer remove jam/run reset
DEVICE_PRINTER_PAPER_PROBLEM	Printer paper problem	Remove paper roll/Insert paper roll/run reset
DEVICES_IOBOARD_NOCOMM	no communication with IOBoard	Check CN10K status/run reset
DEVICES_GRG_ERROR_STATUS_PROPERTIES	Error retrieving status properties	Check CA10 for jams/perform reset
DEVICES_GRG_ERROR_VERSION_PROPERTIES	Error retrieving version properties	Check CA10 for jams/perform reset

For any other encountered error please contact your local ARMOR SAFE Service Support Team at (800) 487-2766 or email at service@armorsafe.com

www.armorsafe.com

