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Contents

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Generally

In this issue, the operating mode of the Automated Systems is described
Operator-side Compact Coin transactions.

Important points for the Compact Coin operator to distinguish:
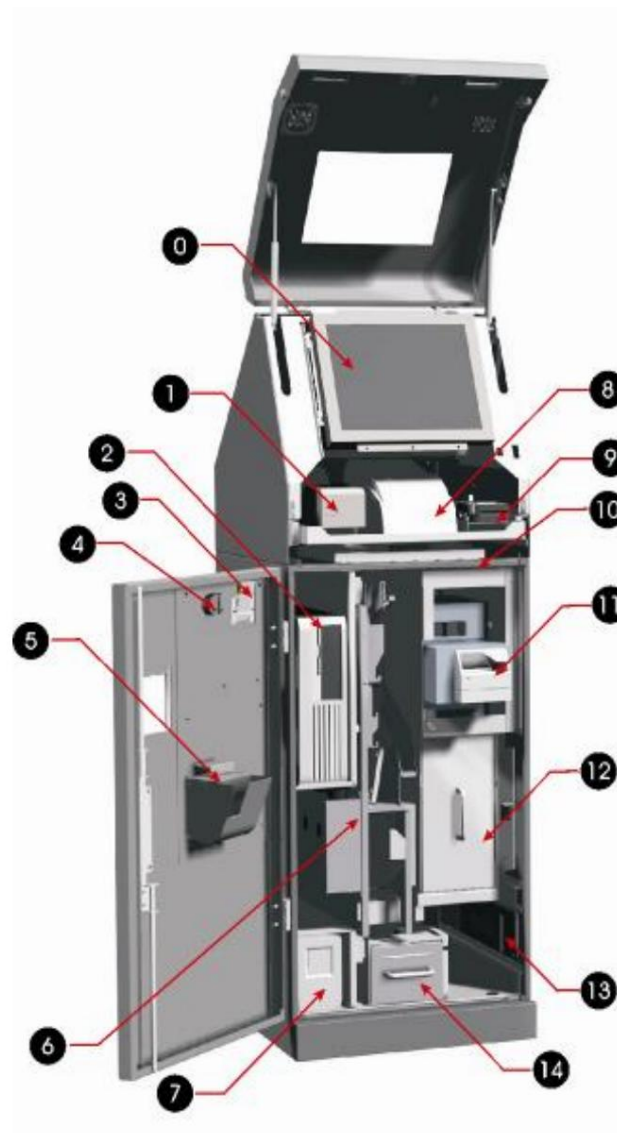
ÿ Screen

ÿ Receipt Printer

ÿ Computer

ÿ Barcode reader

ÿ Coin Acceptor

ÿ Receipt of Change

ÿ Coin & Hopper System

ÿ UPS

ÿ Calendar
    Printer

ÿ Reader
    Cards

ÿ Keyboard

Banknote
reader

Inbox
    Banknotes

Switch Par-
    of Current

Coin
    Box

The system also includes a mouse, which is mounted on the top
side of H/Y.

System Boot Mode

Check Before Delivery of APS For Use

Before the operator delivers the system for use by the public for trading, it should
to make the following necessary checks:

• Checking the paper for the receipt printer (if present and whether it is rolled
  on the reel correctly). During normal operation of the receipt printer, it should
  that the green (Power On) and yellow light (Status) are on.

• Checking the paper for the calendar printer (if present and whether it is rolled
  on the reel correctly). During normal operation of the calendar printer, it should
  that the green (Power) indicator light is on.

• Checking the card reader (no card should be blocked).

• Check the banknote reader (must not be blocked
  bill or hanging either from the exit to the box, or from the exit to
  the customer).

• Check in the box of collected banknotes if it is correctly placed. In
  otherwise, it must be placed as stated in the relevant paragraph
  **(see Closing/Relocating Receipt Box Mode
  Banknotes).** To place the receipt box, it is required
  access to the bottom of the system with the right keys.

• Checking if the coin hopper drawer is installed and locked.

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Start

The daily handling process of Compact Coin is described separately

instruction manual delivered to you herewith.

Power Down and Restart

If only you are asked by a qualified Support Technician to install the system

out of power, you will follow these steps:

It checks if the machine is in working mode (the application is running). If so,

press the 'SPACE BAR' key and put APS off. If not

continue to the following.

Holding down the CONTROL (Ctrl) key, press the 'M' key. On your screen

the APS management menu appears (described on page 23 "UTILITIES

TOOLS"). Select "HELPS" and then "System Shutdown". The machine

performs all functions to shut down the system. When this is over (it's gone

the screen and the PC, then follow the steps below:

• Open the bottom door with the key.

• Press the main switch located on the lower
   right side to stop the power supply to the
   machine.

• Wait 2 minutes.

• Press the switch again to power up the
   system (Photo 2). The start button must be
   pressed so that the red indicator light
   comes on (Photo 1).

Photo 1

• Check that the red light is lit, which means that the
system is powered normally. Otherwise, the button
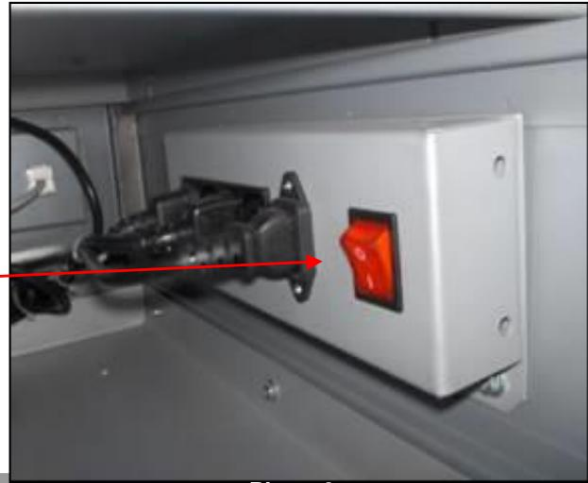has not been pressed properly.

The red indicator light.

Photo 2

• When, after a few seconds, the **Log on to windows** form appears on the screen
to enter the security code (password), then type the code that has been given to you.

Attention!!! The username field should display the information provided to you. Under no circumstances do we
interrupt its operation, unless we receive an order from the Company's Technician.

• Wait until the program starts and the language selection screen appears
(standby screen).

• When the above screen appears, close the upper door of the machine and
lock with the key.

ATTENTION!!! Under no circumstances do you turn the system off by shutting down

straight the switch. To power down the system you must have clear

orders from a qualified technician.

If the system does not operate normally, then it should be checked whether the system -

on startup - wrote a message to the log printer or screen

mistakes.

To deal with it, see **"Troubleshooting Startup Errors".**

If at startup the program prints to the Journal Printer

the following message:

TICKET NEAR_END_OF_PAPER

This means that the receipt printer will soon run out of paper and must

appropriate care is taken.

System Shutdown Mode

Menu Parsing During System Shutdown

To disable the system, the operator must:

• To open the upper door.

• Press the SPACE BAR key on the keyboard. This move only happens when

transaction number and language selection appears on the screen (standby screen).

Then the message **"The Automated Trading Center**

is temporarily down", while on the calendar printer

the following message is printed:

```
   DD/MM HH: MM: SS OUT OF ORDER SCREEN
   ESC: (CLOSE) AND EXIT
   SPACE: CHECK AND RESTART
    O: OPEN FUND
    T: CASH CLOSING
    H: COIN MANAGEMENT
   ----------------------
```

• Here are five (5) options for the operator:

1. Press the **Esc key.** This will cause it to restart

application.

2. To press the **SPACE BAR key,** then the system returns to the screen

selection of transaction number and language (standby screen).

3. Press the **"O"** key to print the open sets. This action

is done to inform the operator of the amount already in the box

received. In this option, the system does not close the cash register

remains on the "OFF" screen.

4. Press the **"T"** key to "close checkout". In this case,

the system normally closes the open transaction records, prints the totals

and remains open on the "OFF" screen. This particular function

required in order to agree with the central system. The operator,

finally, he can shut down the system by pressing the **Esc** key or put it back on

mode by pressing the **SPACEBAR key,** where new files are created

transactions.

5. To press **"H"** to proceed to coin management (explained in

chapter "Management of Funneled Coins").

Note: When printing sets to the Journal Printer, the following are printed:

- **Totals of all moves that have been executed.**
- **Initial and final coin status.**
- **Number of pieces per value of banknotes collected.**
- **Number of pieces per coin value found in the box
   of coins.**

Post-Closing Procedures

Receiving a Box of Collected Banknotes

To receive the box of collected notes, the following steps are followed:

- Press the trigger on the right of the box down all
   the way (Photo 3).

Photo 3

- This movement will unlock the box from its position
   by "throwing" it slightly outwards.

• You can now pull the box out and out of the APS (Photo 4).

Photo 4

• With the second key you open the cash box so that you can withdraw the money (Photo 5).

Photo 5

• Turn the second (cash box) key clockwise to open the box and remove the money (Photo 6).

Photo 6

![unixfor s.a. logo]

Repositioning of the Collected Banknotes Box

After the receipt box has been emptied and counted, it must be placed back (empty) into the Compact Coin to operate again. To reset it inside the Compact Coin, the following steps are followed:

Pull the pin down until
a click is heard (Photo 7).

Photo 7

We lock the door of the cash box and insert it into its place.

Paper Change

Calendar Printer

When the journal printer runs out of paper, the system shuts down

and displays the "OFF" screen.

Paper Change

- Open the top door.
- The printer is on a sliding mechanism together with the receipt printer and the card reader, as shown in Fig. 8.

Photo 8

Push the cover opening button (Photo 9)
upwards.

Then open the bottom cover by holding it with
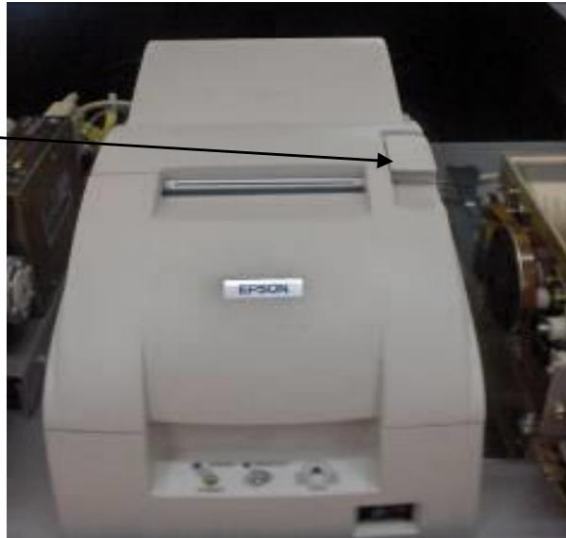your hands.

Photo 9

• Cut the paper so that you can
    remove, as shown in Photo. 10.

Photo 10

• Remove the wrapping spool and take out
    the paper containing the daily diary, as
    shown in Photo. 11. Pull out the printer
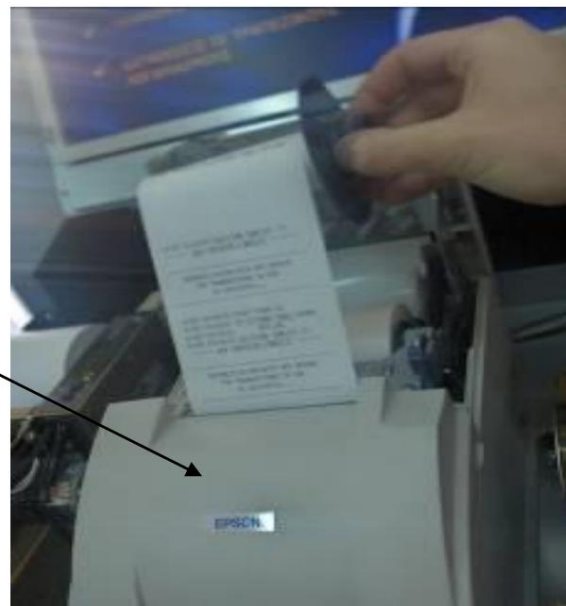   cover.

Photo 11

• Push the   lever inward and raise the printer face as shown in Photo. 12. Place the paper inside the paper tray as shown in the adjacent photo. Then pull a small amount of paper and lower this face until it closes.
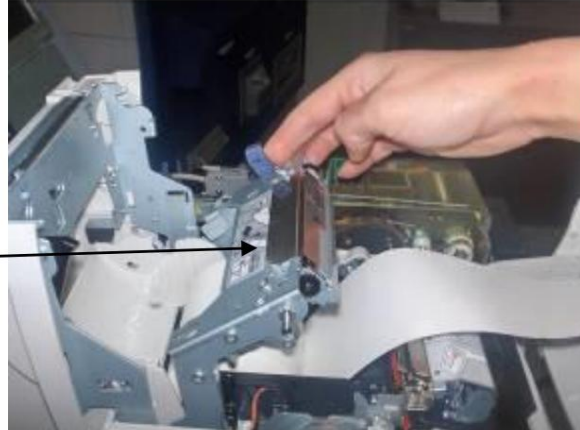

Photo 12

• Wrap and rotate the released paper around the two notches as shown in the adjacent photo.

Photo 12

• Then close the plastic covers until they click and the red **error light turns off.**

• Advance the paper again, pressing the
paper advance button as in Photo. 13.

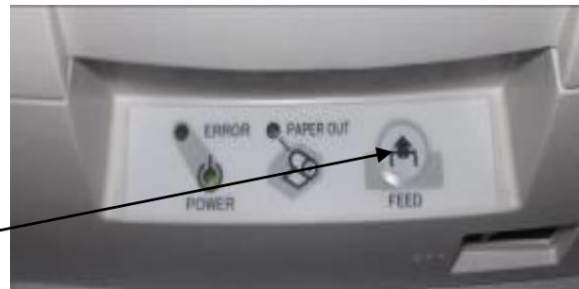**Paper advance (FEED) button**

Photo 13

• Restart the program by pressing the SPACE BAR. The system should return to the transaction
number and language selection screen (standby screen).

• Close and lock the top door.

Receipt Printer

When the receipt printer runs out of paper, the system shuts down.

Paper Change

• Open the top door.

• If there is a customer in the machine, wait for them to finish their transaction and then shut down
the machine by pressing the SPACE BAR on the screen
selection of transaction number and language (standby screen). Then the "OFF" screen appears.

• Then pull the sliding mechanism - on which
the printers are located - out, as shown in
Photo. 14.

Photo 14

• Push the green lever to the right. This movement frees the paper. Pull the paper back and remove the old roll. Push the green lever to the left. Then take the new roll, peel off the beginning of it and cut straight with **scissors** 50 cm of paper.

Attention: The paper should be unrolled from the top of the roll as shown in the photo.

Guide its beginning into the slit, as shown in the photo, while keeping the roll in a straight line. The sensor senses the presence of paper, advances and ejects a piece of white paper by itself.

FF   LF   SLOT   LEVER
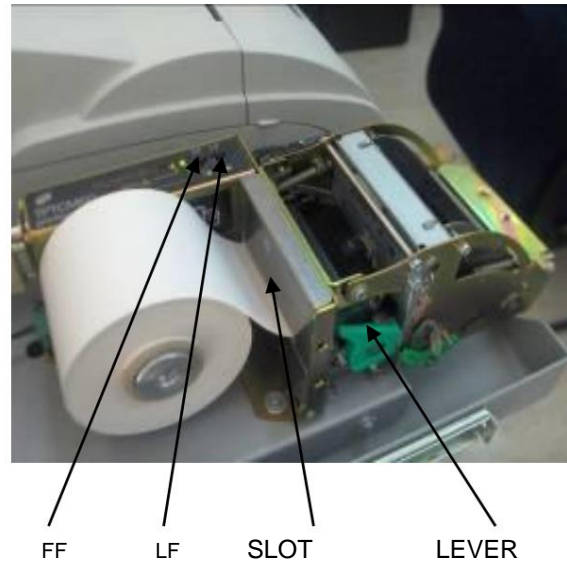
• Place the roll on the corresponding metal shaft and inward so that it rests against the metal side of the printer.

• After the paper is finished loading, the green **and orange LEDs (LEDs)** on the printer should **be lit (not blinking) ,** but not the red. Then press the FF key to show you a test print and then the LF key to forward it. If you can read what's printed and see the pattern clearly, the thermal paper installation has been successful.

• Push the sliding mechanism.

• Press the SPACE BAR key on the keyboard again and the system will display again the transaction number and language selection screen (standby screen).

• Close and lock the top door.

Cash Box Management
Coins

Cash Box Coin Management

The following section describes how the system operator will

must manage the cash box of coins. The coin cash box is used,

not only for emptying the coins from the hoppers, either by the operator or the

system, but also for placing the coins after overflow – process

which the system runs automatically.

- Open the bottom door of the system.
- Push down the safety shutter on the right side
  of the cash box to release the coin box.

- Pull out the coin box (Photo 14).

- Place it on a flat surface and open it using its
  key. Remove the coins it contains.

Photo 14

• Prepare it to be inserted into its place again
    by moving the special lever located on the
    lid of the box to the left and up, as shown
    in the adjacent photo.

• Re-insert the box into its holder and press
    until it clicks.

Hoana Coin Management

If you wish to manage coin hoppers perform the following steps:

• Unlock the lock.

• Pull the entire hopper drawer out until it stops,
    as shown in the photo.

View of Coin Hoppers →

- Follow the coin management process to add as many coins as you like
    they are needed for the system to function normally.

In general, the following

applies: Compact C systems give change:

ÿ in coins of 10 cents, 20 cents, 50 cents, 1 and 2 Euros (these coins come from the initial state, as
    well as from the coins with which the customer pays and which are recycled).

ÿ Compact C accepts all Euro banknotes.

ÿ Compact Cs during each transaction accept some paper money only
    as long as the amount obtained for change is up to 10 Euros.

ÿ If the user interrupts his transaction before completing the amount he needs to
    pay, then the system has the option of refunding his money.

ÿ Compact Cs can accept up to 15 banknotes per transaction. In case the payment amount is not
    filled with the banknotes entered by the user, then these banknotes are returned to him and a
    message appears on the screen prompting him to make the payment again, using banknotes of
    a higher value.

Every noon, the system should be supplied by the responsible operator with coins to start the operation:

<u>**Maximum Number of Input Coins Per Hopper:**</u>

ÿ 400 x €0.10 = €40.00
ÿ 400 x €0.20 = €80.00
ÿ 270 x €0.50 = €135.00
ÿ 270 x €1.00 = €270.00
ÿ 270 x €2.00 = €540.00

To add coins (which will be given as change) to the Compact C, the following procedure will be followed by the operator:

1) The operator should put the system Out of Service by pressing the button **"SPACE BAR".**

2) Close Cashier by pressing the **"T" key.** The cash register is then recorded on the journal printer, with a breakdown of the bills received and initial –
final coin balance by value. If in the final state of the coins we judge that some value needs loading then:

3) The operator presses the **"H"** key and after checking the current situation, physically places (fills) the coins - in each hopper separately -
that he wishes (if this is required). Then he types in the **number**
(pieces) of the coins he placed (filled in) in the corresponding field, and presses the **"LOAD"** **button.**

4) The application asks the operator to confirm the above options. If the operator agrees and wants to continue, then the amounts he filled in are added to the initial and available coins respectively.

To log printer the state of the hoppers is recorded, before and after placing (filling) the coins.
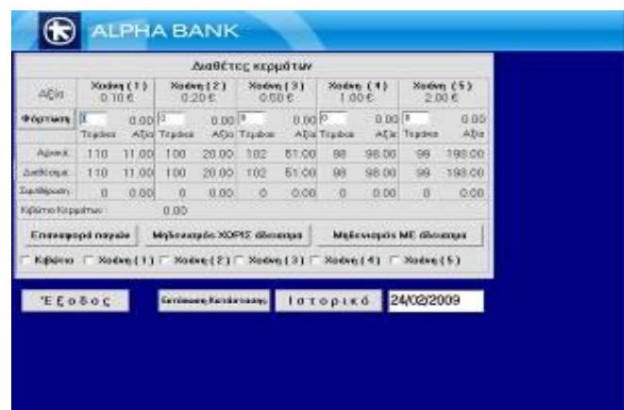
- The above procedure is allowed to be executed if it has been done previously closed fund **("T").**
- There is also the "Reset WITHOUT Emptying" button, which can be used in case we want to reset some or all variables by mistake by selecting the corresponding hopper - but without emptying the hoppers - and then using the "Load" button to restore the correct quantity.

• With the button "Reset WITH Emptying" we empty the hoppers simultaneously the system performs a coin count.

ATTENTION: This procedure is performed for each funnel separately.

We choose e.g. the funnel (1) and press the "Reset WITH Emptying" button.

We wait until the system empties the amount of coins and the log printer records us:

(a) quantity before counting
(b) quantity after counting and (c) any
difference

Then we open the cash box of coins, empty the amount and put it back in its place.

• If the operator wants to print the changes made during a specific day, then he can select the desired date and then the "History" button. This will print on the calendar printer the complete
picture of the counters before and after the changes.

• The "Exit" key returns to the "OFF" screen.

Emptying Hoppers Using Buttons

To start emptying the hoppers using buttons, the system must be in place and the lock locked. Also the coin cash box should be in place and locked.

• Place the hopper drawer in until it stops as shown in the photo.

• Lock the lock.

• We take the corresponding key and place it
   in the lock under the buttons as shown in
   Photo. 15.

• We turn the key to a horizontal position and
   notice that the light under the lock flashes.

Photo 15

• We press the button of the value we want to
   be emptied and wait until the coins are
   emptied in the coin cash box. **The same
   procedure
   is followed for each value separately.**

   Attention: We NEVER press **the** buttons
   for two (2) or more values **at the same time.**

• When the emptying process is complete, turn
   the key to a vertical position and notice
   that the light has gone out.

   **Caution: After the emptying
   process is over, NEVER forget
   the key in a horizontal position.**

Auxiliary Tools

For the convenience of the operator, Compact Coin offers a menu of auxiliary tools. To display this menu, the APS must be switched off (see daily operating procedure).

Then, holding down the Control (Ctrl) key, press the "M" key.

The following will appear on the screen:

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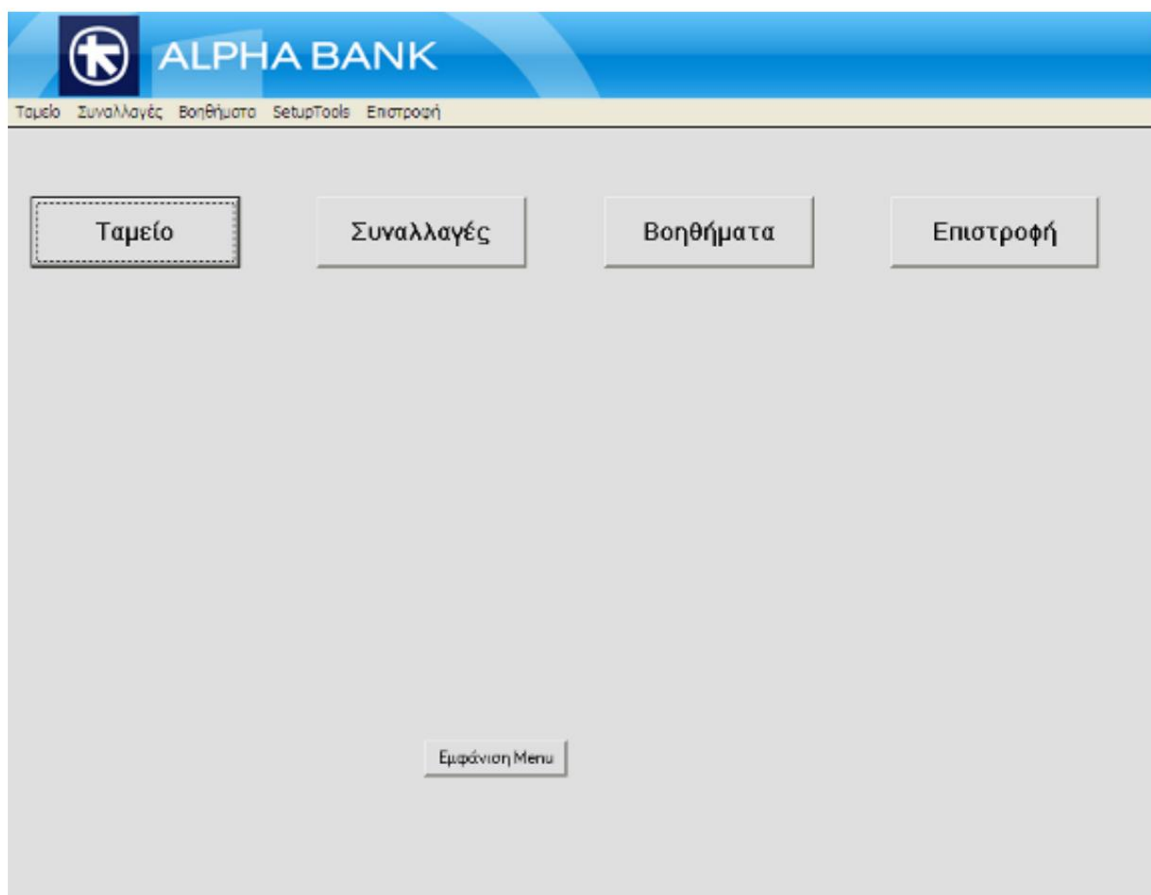
Selecting one of the above includes some commands. In the screen below you can see all the commands.
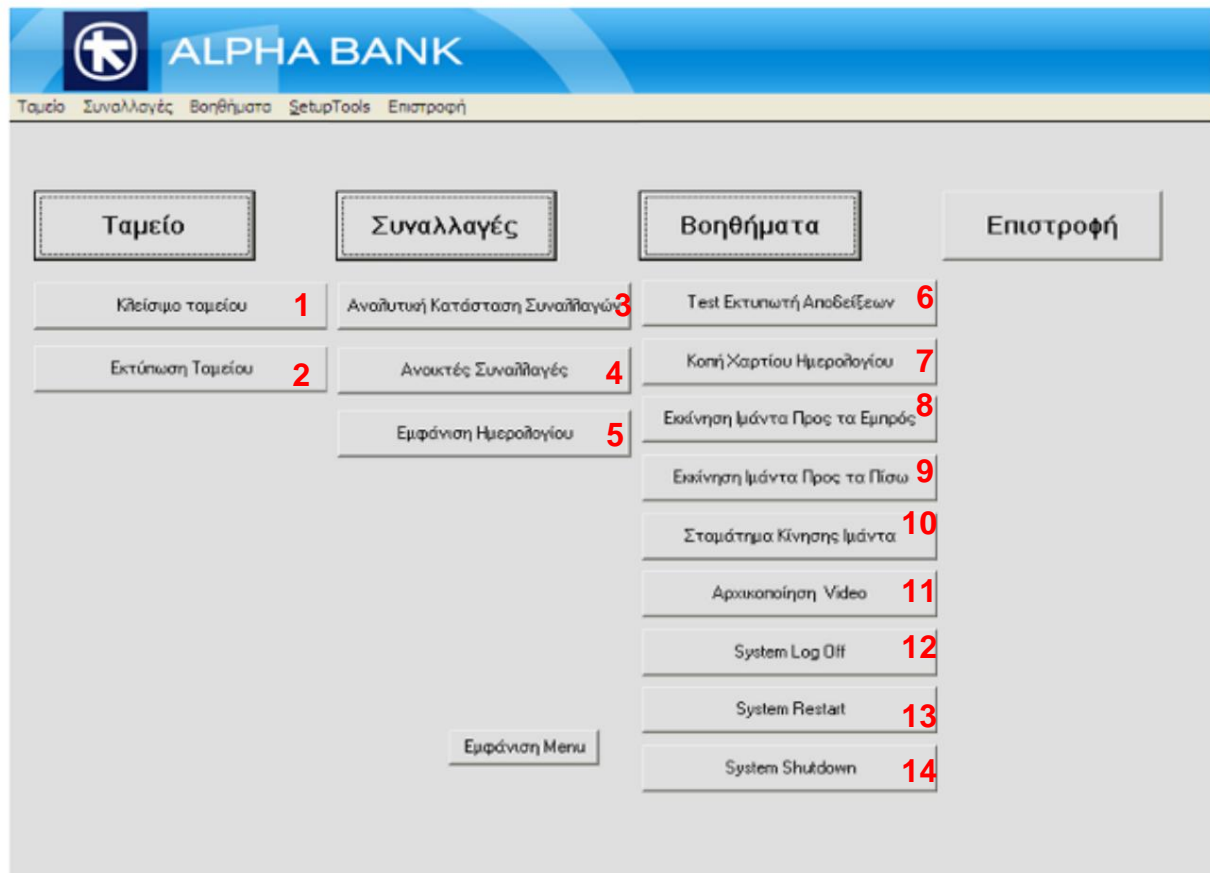

In all cases with the "Return" option, the operator returns to the off screen.

1. Close Fund ÿ Order to close Fund (corresponding to "T").

2. Checkout Print ÿ Order to print an already closed Checkout (Reprint). The operator should choose the date for which he wishes to reprint the Cash.

![unixfor s.a. logo]
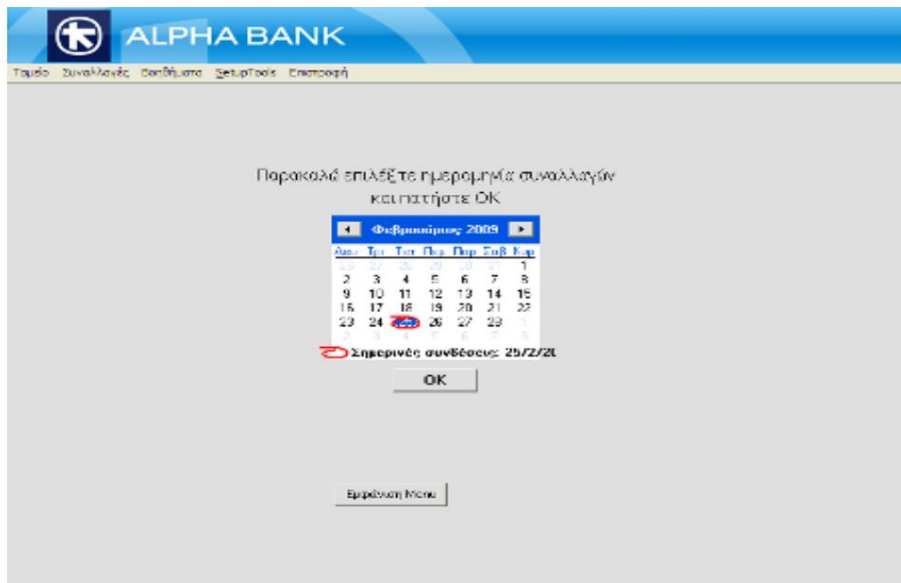
3. Detailed Transaction Status ÿ After the operator selects a date, he can see in detail the type of transactions executed and the amount of each one. Applies to transactions already recorded in Cashier.
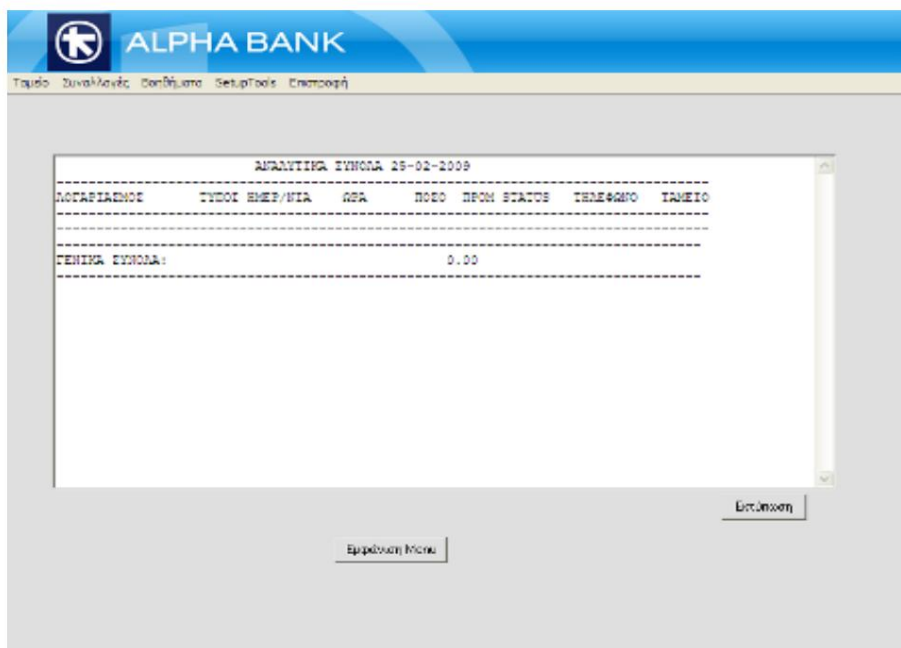
4. Open Transactions ÿ After the operator selects a date, he can see in detail the type of transactions executed and the amount of each one. Applies to transactions that have not yet been recorded in a Cashier.

5. Display Calendar ÿ After the operator selects a date he can see what he has write in the Diary.
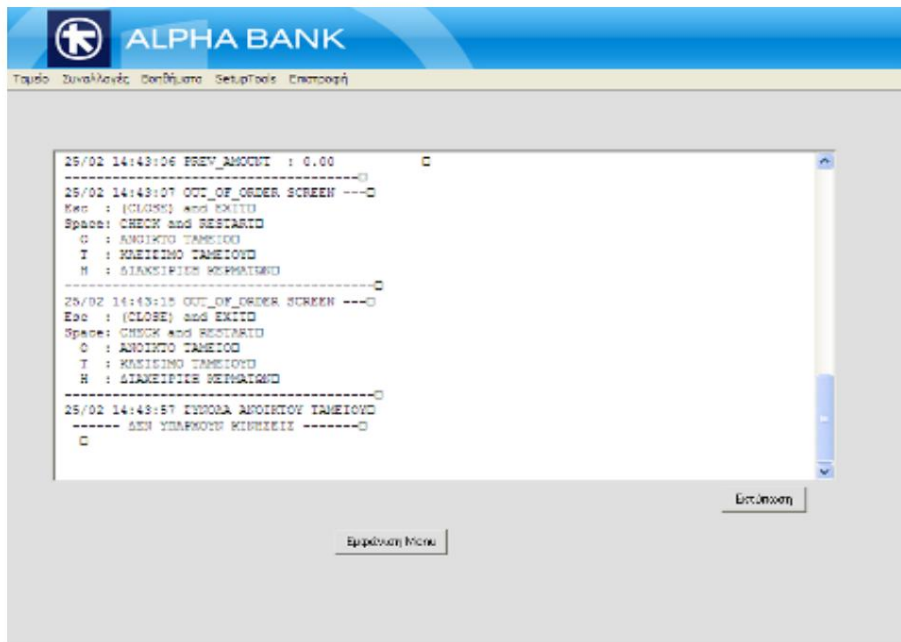
6. Receipt Printer Test ÿ Command to test the receipt printer.

7. Calendar Paper Cutting ÿCommand to test the calendar printer.

8. Start Belt ForwardÿCommand belt movement.

9. Start Belt Backwards ÿ Belt movement command.

10. Belt Movement Stop ÿ Belt movement command.

11. Initialize Video ÿ Command not active.

12. System Log off ÿUser logout command.

13. System Restart ÿCommand to restart operation.

14. System Shutdown ÿCommand to close the application and turn off the PC.

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Problem Management (Troubleshooting)

Generally

When there is a problem in the system, it is detected by the operator as follows:

• The "OFF" screen has been displayed.

• There is a relevant message on the log printer, informing the operator of

   the type of problem and how to deal with it.

• If the problem has occurred during system startup, then the operator

   it realizes this from the fact that the system is down.

Here is a list of possible problems, as well as how to deal with them.

In each repair, we assume that the system initially has both doors (top & bottom)

closed as when in operation.

Both doors require the relevant key to open them.

It should be noted that the texts inside the box in courier type font are for the messages

which are printed on the journal printer.

For example:

INIT GLOBALS FAILURE

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Problem 1: Startup/Missing File

Diagnosis

The calendar printer has one of the following error messages:

```
THE FILE SETUP.DAT IS MISSING
THE FILE BINS.DAT IS MISSING
THE FILE TRANSNO.DAT IS MISSING
THE FILE TIMERS.DAT IS MISSING
FILE_SEQ.DAT ERROR
```

Following from:

```
INIT GLOBALS FAILURE
```

This means that one of the above files is missing and needs to be created.

Coping

It cannot be addressed by the operator. The operator should contact the Support Department of the specific system.

Problem 2: Startup/Unable to Create File

Diagnosis

The calendar printer has the following error message:

```
ALL VALID TRANSACTION FILENAMES ARE USED
```

Following from:

```
INIT GLOBALS FAILURE
```

This means that the program cannot create any more transaction records because it has already "run" more than 99 times in the same day.

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Coping

It cannot be addressed by the operator. The operator should contact the support department of the particular system.

Problem 3: Start/Print Calendar Without Paper

Diagnosis

The calendar printer is out of paper.

If there is any last piece of paper in the printer, then the operator can

see the message written on it:

LOG PRINTER NOK OK[-1]

Coping

Follow the paper change procedure described on page 11 (Change

Paper, Calendar Printer). Then put the system back in

operation.

Problem 4: Customer Banknote Jam

Diagnosis

"OFF" screen.

On the calendar printer there is the message:

```
 OUT_OF_SERVICE BN nn
CLEAN NOTES ACCEPTOR
BANKNOTE TO CUSTOMER
PRESS SPACE AND CONTINUE
PLEASE INFORM UNIXFOR
------------------
------------------
```

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Description

The note has remained in the note reader and should

returned to the customer after removal. Of course before it is returned it should be checked

correctness of the registration, so that we can be sure that the banknote really does not

has been counted and therefore must be given to the customer.

Coping

• Open the bottom door.

• Pull out the bill reader, pulling out the
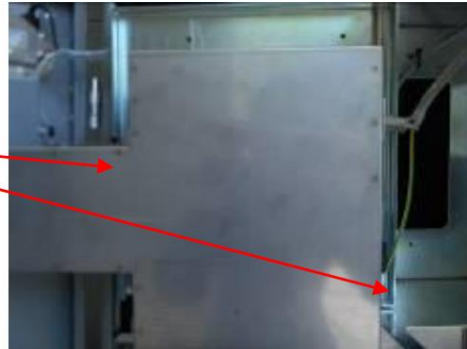 safety pin at the same time.

• Also pull out the second safety pin
  located just below the bill insert.
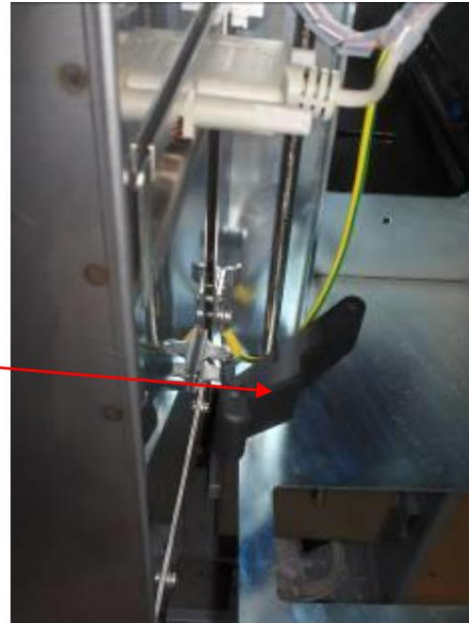
![unixfor s.a.]

• Drag the reader to the left.

• Remove the reader cover by opening the two black plastic clips located on the right and left.

Left clip

Right clip

• Inside the reader we can distinguish the circular
   axis you see in Photo.

   16, which we turn clockwise several times to
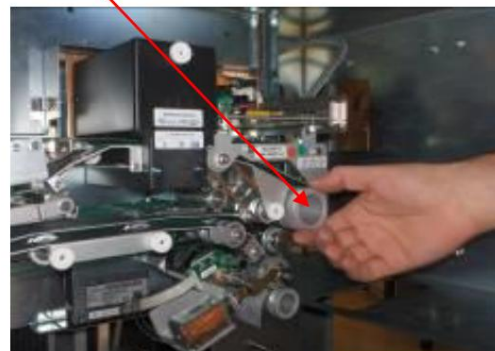   release the banknote.   to

Photo 16

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Photo 17

- The banknote is on the edge of the head (Photo 17).

- Manually release the bill that is "hanging" under the reader and insert it into the receipt box as shown in

  Photo 18.

- Even if the banknote does not appear with the above procedure, it has probably been placed in the receipts box.

Photo 18

For security reasons it is advisable to first place the banknote in an envelope and then drop it into the collection box. This way, when the cashout is done, you will be absolutely sure of the note that should or should not be returned to the customer.

- Place the reader cover in place following the guides and secure the clips. You'll be sure you've fitted the cover correctly if the clips snap into place easily. If they don't lock easily, you'll have to grab it from underneath and lift it up and make sure it doesn't leave any gaps.

- Place the reader in place making sure the two pins are secured (a characteristic "click" will be heard).

- Press Esc to restart the application.

- When the language selection screen appears, close and lock the top and bottom door.

![unixfor s.a. logo]

Problem 5: Bank Note Jam

Diagnosis

"OFF" screen.

On the calendar printer there is the message:

```
OUT_OF_SERVICE BN nn
CLEAN NOTES ACCEPTOR
PUT BANKNOTE IN BOX
PRESS SPACE AND CONTINUE
PLEASE INFORM UNIXFOR
---------------------------
```

Description

The note is jammed in the note reader and needs to be inserted

in the inbox.

Coping

- Open the top and bottom doors.

- Pull out the bill reader while pulling the trigger
   security to the outside.

- Also pull out the second safety fire just below
   from the banknote input side. Turn the reader to the left.

- Manually release the banknote hanging
   under the reader and insert it into the
   receipt box as shown in Photo.

   19.

- In case the banknote is not visible, follow the
   procedure of Problem 4.

- Even if the banknote does not appear with the above
   procedure, it is likely that it has been placed in the
   collection box.

Photo 19

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For security reasons it is advisable to first place the banknote in an envelope and then drop it into the collection box. This way, when the checkout is done, you will be absolutely sure of the note that should or should not be returned to the customer.

- Return the bill reader to the operating position by pushing it to the right and then inward. Make sure both fuses are closed.

- Press Esc to restart the application.

- When the language selection screen appears, close and lock the top and bottom door.

Problem 6: Banknote Jam

Diagnosis

"OFF" screen.

On the calendar printer there is the message:

```
OUT_OF_SERVICE BN nn
CLEAN NOTES ACCEPTOR
COUNT MONEY AND DECIDE
PRESS ESC AND RESTART
PLEASE INFORM UNIXFOR
```

Description

The banknote is jammed in the banknote reader. You should

removed and inserted into the receipts box. Then they must be removed

money from the box, to be counted and cashed in APS (with "T"). After it's done

and that, then we need to check the physical fund with the Compact data so that

be able to decide who the note belongs to (the Bank or

customer). In this case, it would be good to inform the Support Department and

through it and Unixfor.

Coping

• Open the top and bottom doors.

• Pull out bill reader out while simultaneously
   pulling out the safety trigger.

• Also pull out the second safety fire just below
   the bill insert. Drag the reader to the left.

hanging below   hand release it • With the banknote
      the reader and insert it into the receipt box as shown in Fig.

   20.

• In case the banknote is not visible, follow the
   procedure of Problem 4.

• Even if the banknote does not appear with
   the above procedure, it is likely that it has
   been placed in the collection box.

Photo 20

For security reasons it is advisable to first place the banknote in an envelope and then drop it
into the collection box. This way, when the cashout is done, you will be absolutely sure of the
note that should or should not be returned to the customer.

• Return the bill reader to the operating position by pushing it to the right and then inward. Make
   sure they are both closed
   insurances.

• Press Esc to restart the application.

• When the language selection screen appears, close and lock the top and bottom
   door.