Self-Service Kiosk is a hardware-software solution, which provides payment acceptance from personal clients self-service mode. It has a fully automated functionality

## Functioning Principle

With the help of the menu of the payment terminal the user selects required service for payment, input necessary details (phone number, personal account number, etc.). Then the kiosk sends entered information to server for checking purposes. In the case of success reply by the server the client may insert money into bill validator or/and coin acceptor. The payment terminal automatically detects and validate inserted nominals.

After receiving of the payment request the processing server forward it to the billing server of the service provider with the help of special gateway solution. In the last stage the payment terminal prints receipt to the client, which confirms that the transaction is successfully processed.

The owner of the payment terminal receives fee for this service from the Processing (Payment System) company .
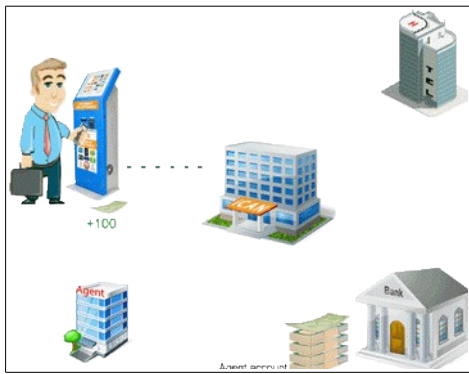
MACHINE NE REND PAS LA MONNAIE
هذا الجهاز لا يعطي الصرف

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l'acceptation des paiements

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1.The agent, who is an owner of the self-service kiosk, need to top-up personal deposit account (Agent account) in the bank.
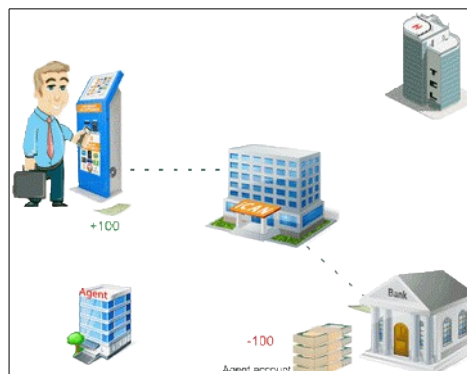


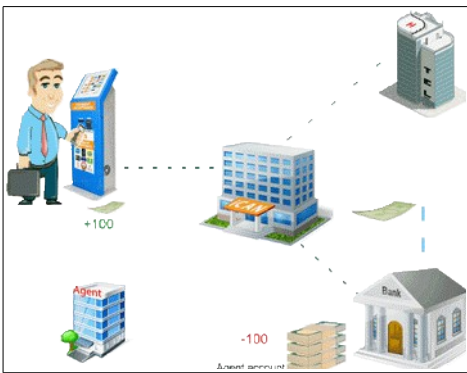2. The client insert money (100 nominals) into the kiosk.



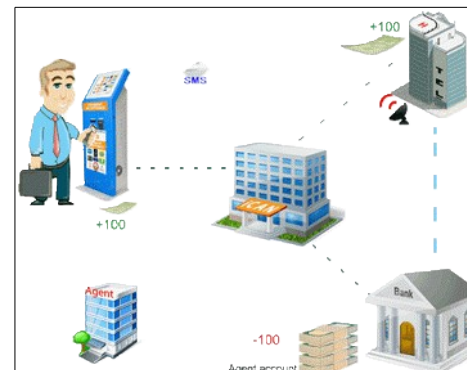3. The kiosk send payment request to the iCAN processing server



4. The processing server withdraw 100 nominals from the deposit account of the agent.



5. In the next stage the processing server forwarding payment request to the billing server of the Service Provider (for example Mobile Operator).
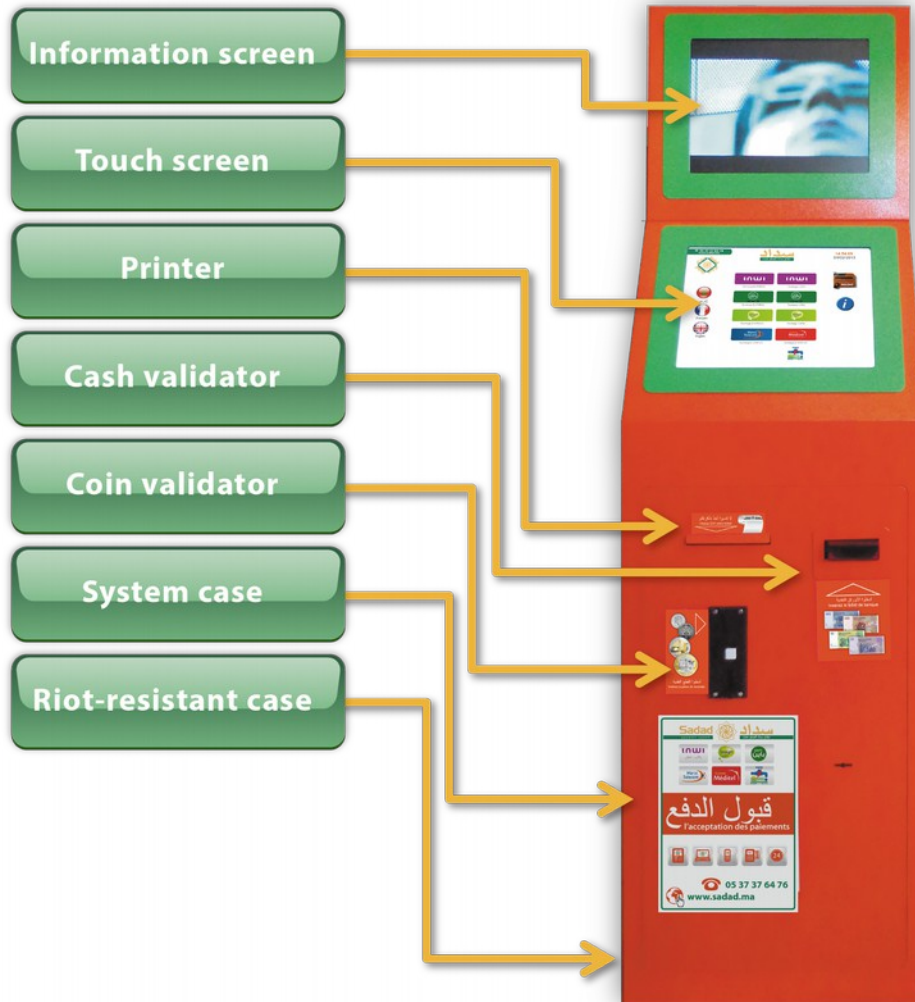


6. The Service Provider process the transaction and send notification about it to iCAN and the client.



The transaction is completed. The agent needs to top-up personal deposit account for further transactions.

Information screen

Touch screen

Printer

Cash validator

Coin validator

System case

Riot-resistant case

## The Design features

*Payment terminal consists of:*

- metal or metal-plastic body. The case of the payment terminal is usually made of steel thickness of 2 mm or more, which allows it to withstand the intense mechanical stress. Inside the set separate metal box with lock for bill acceptor, and the housing is locked to the vandal latch lock. If you plan to use the terminal and as an advertising platform, the housing is equipped with an additional box for the installation of the second (advertising) display. For additional security, usually provides the possibility of mounting the body to the floor. There are also the body which monitors the compartment (a monitor assembly) is isolated from the terminal and computer to make it more difficult for intruders penetrating bill acceptor;

- computer installed on a special chassis;

- LCD display with Touchscreen;

- UPS;

- bill validator for receiving cash. Bill acceptor determines the denomination of the bills received and checks its authenticity. Accepted bills are stored in the stacker, which is removed at the collection/encashment of the payment terminal;

- receipt printer designed for printing and issuing a check to the user. By virtue of his appointment, the printer must have high reliability and print speeds. Receipt printers are usually equipped with a mechanism of "presenter", which allows you to print the document first, then cut it off, and only then give the user. Print checks using a special thermal paper rolls;

- GPRS / GSM-modem, designed for the exchange of information between the payment terminal and the server of the electronic payment via the GPRS or GSM wireless communication system technology. To use the modem in his set a special SIM-card with the appropriate cellular operator providing data transmission services in the place of installation of the machine.

It is possible to integrate special devices: bank card reader, secure keyboard, bar code scanner, fiscal printer and so on.

**Self-Service Kiosk Configuration**

| № | Name | Qty | Price EUR | Total |
|---|------|-----|-----------|-------|
| 1 | Bill Validator NV9 USB-402Cash Box: 600 Clip On (PA193)Bezel: Vertical Down Snout (PA191) | 1 | 173 | 173 |
| 2 | Coin Acceptor EMP 800.14 USB | 1 | 95 | 95 |
| 3 | Power Supply ATX Netzteil 400 Watt LC-POWER 80+ [LC8400P] | 1 | 33 | 33 |
| 4 | Printer Customs VKP 80 II | 1 | 295 | 295 |
| 5 | Power Supply GST-H150S | 1 | 21 | 21 |
| 6 | Touchscreen General Touch 17" USB | 1 | 30 | 30 |
| 7 | Mainboard Asus C8HM70-I | 1 | 70 | 70 |
| 8 | Kingston Notebook SO-Dimm 2GB DDR3 SDRAM 1066MHz[KVR1066D3S8S7/2G] | 1 | 19 | 19 |
| 9 | SSD Drive Kingston SV300S37A/120G | 1 | 43 | 43 |
| 10 | LCD-Monitor Acer V173DObmd - 43 cm ( 17" ) | 1 | 80 | 80 |
| 11 | HDMI TO VGA CONVERTER | 1 | 15 | 15 |
| 12 | Housing for Payment Terminals ProLine Simple v.2. + Frame for 2-nd monitor | 1 | 420 | 420 |
| 13 | 3G USB Modem | 1 | 20 | 20 |
| 14 | USB prolong cable 1.5м | 1 | 2 | 2 |
| 15 | USB cable 1.5 or 1.8м | 1 | 2 | 2 |
| 16 | Power filter DEFENDER 5 outlet, 1.5m | 1 | 4 | 4 |
| 17 | NV9 USB / NV10 USB Host cable +  MF-2x2 F | 1 | 5 | 5 |
| 18 | NV9 USB  data + power cable 1. Molex (4pin-power supply) "Male"  2 MF-2x2 M "Male" | 1 | 2 | 2 |

| 19 | Yupen Emi Filter YQ06A1 | 1 | 7 | 7 |
|----|-------------------------|---|---|---|
| 20 | Electronic Power Switch Safe Lock + cable 1.5 m + "Power SW" header | 1 | 7 | 7 |
| 21 | Mounting kit: screw fixing the power supply - 4  screw with flat head (size 7) to secure the motherboard -3  screw with rounded head (size 7)  Hexagon nut (size 6)  Hexagon nut (size 7)  Hexagon nut (size 10)  washer  Hexagon bolt (size 7) | 1 | 5 | 5 |
| 22 | Transportation | | 120* | 120* |
| 23 | Customs clearance | | 100* | 100* |
| 24 | The assembly, software installation, configuration | | 30 | 30 |
| | TOTAL: | | | 1598 |

 * The price is not final