



SHERLOCK

for self-service laundrettes

The laundrette of the future

SMART SOLUTIONS FOR SELF-SERVICE **MARK**

Reduced operating expense

A better service

New business opportunities

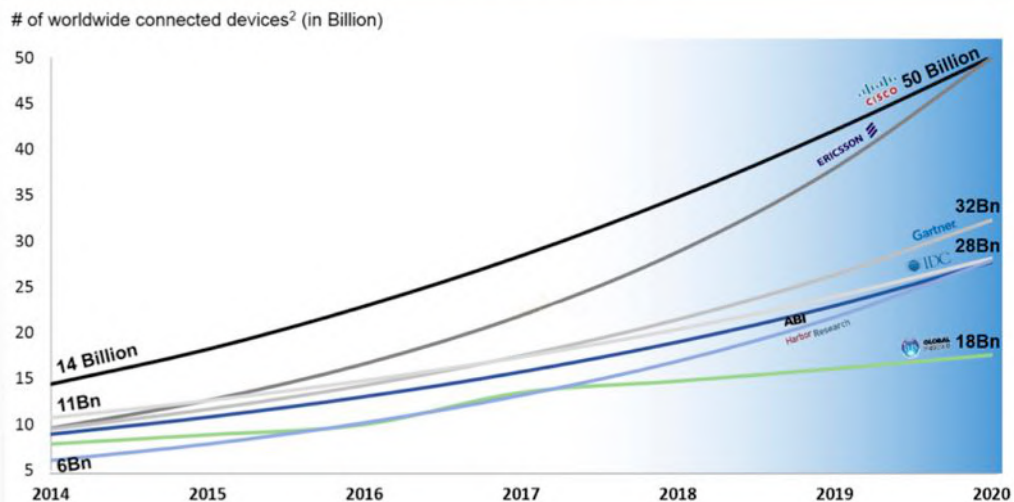
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MARK

Internet of Things

IoT Analytics – Quantifying the connected world

Global IoT/IoE device forecasts



The world will be more connected

- The world is going towards an «Internet of Things» (IoT).
- Nobody will run away from revolution.
- Future will see more connected devices in one and only smart system.

Internet of Things



IoT in 2017

New sectors, from domotics to sport, entertainment to fitness, publishing companies to medical industry, are using IoT cloud platforms.

That's how they're able to give high quality services and performances, corresponding end-users needs and requests.

With Microsoft Azure
and ThingWorx as partners

MARK made its move and got
into the fantastic world of IoT

Currently in the self service laundrettes, the washing machines, dryers and vending machines are isolated.

For any problem, the investor/employee has to go himself to sort them out

Just in few cases, the devices are connected to the web but, so far, they can just give accounting data.

Smart devices that can «dial» with the manager just in time

Data survey and recording, statistical analysis

Optimized management of the washing system

Minimize site inspection due malfunction

Marketing management

New business opportunity

**A step ahead for the investors
on washing systems**

SHERLOCK for the laundrettes

IoT platform is for the laundrettes of the future: interconnected devices in a smart system.

Sherlock connects the starters with the different devices: it guarantees less expenses, more incomes, with an efficient and accurate service.

MARK offers Sherlock to all those investors who want to reduce time and expenses with just a small investment, taking lots of new opportunities for earnings, moving first than competitors, and giving all the kind of advanced and personalised services to customers.



CHECKING



INFO



INTERACTION



ANALYZE



SHERLOCK CHECKS OUT

It gets records and analyses all the accounting and technical data from the devices

THE INVESTOR

- Can check all the incomes in real time for every device existing in the system.
- Knows and values performance by the time for any device.
- Receives in real time, even via email, alerts of minimum stock reached, any arrest or malfunction.



SHERLOCK INTERACTS

Lets you manage all your devices remotely

THE INVESTOR

- Wherever the person is, can **control** all the devices avoiding **malfunctiones**
- **can also dispense** tokens, keys or cards
- **start** devices
- give **change**
- **recharge** keys and cards.

SHERLOCK ANALYSES

It supervises the incomes and the turn over of all devices

THE INVESTOR

- He has all the info he needs, just in time
- Without moving from his office, he can check all the turn over.
- He can analyse the malfunction with all the data he needs, in order to make right decisions, without struggle, with strenght efficacy.
- He can analyse all the data from every device... we mean ALL.



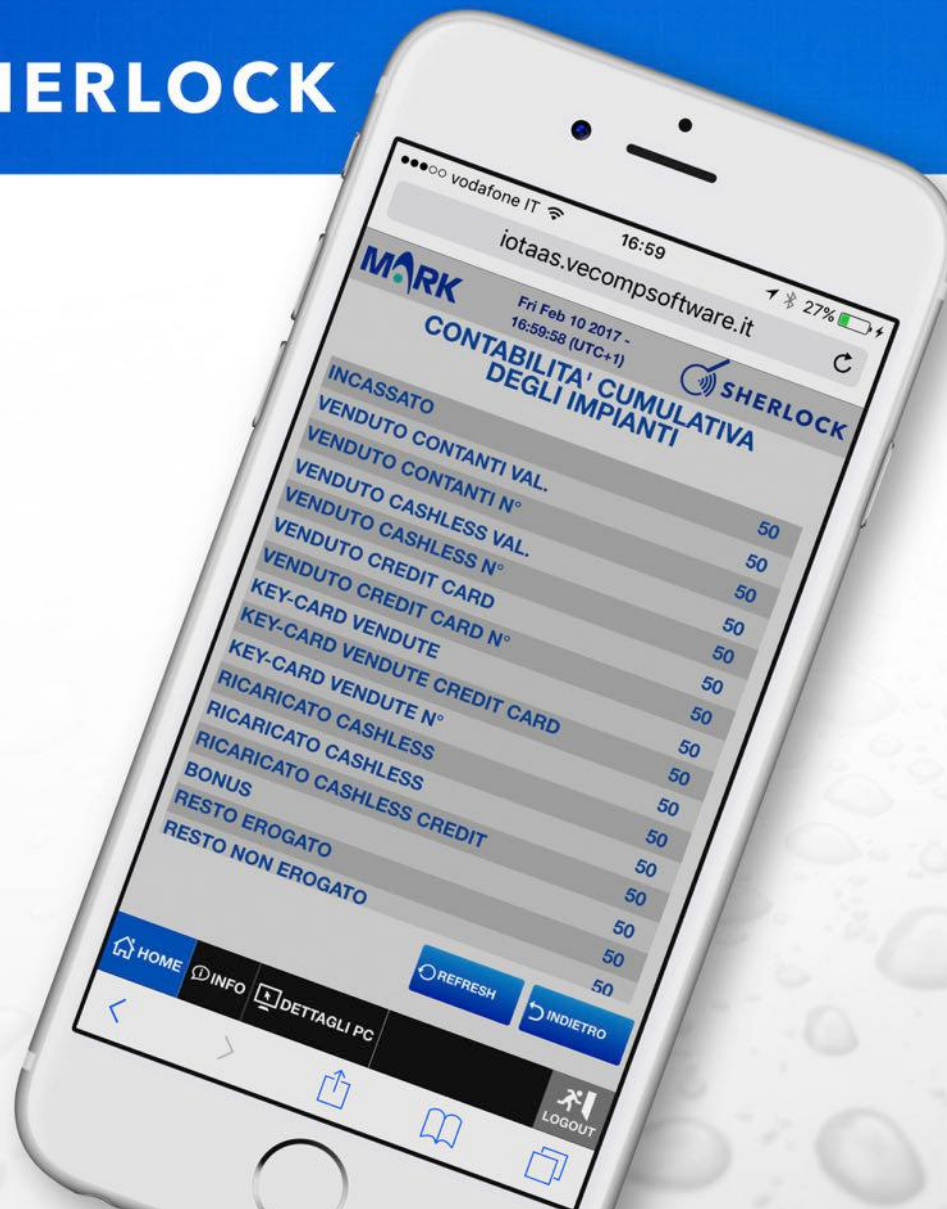


*Daily info about incomes
and turn over*

Immediate warning
of malfunction*

Immediate warning for any
needs (minimum stock, etc.)*

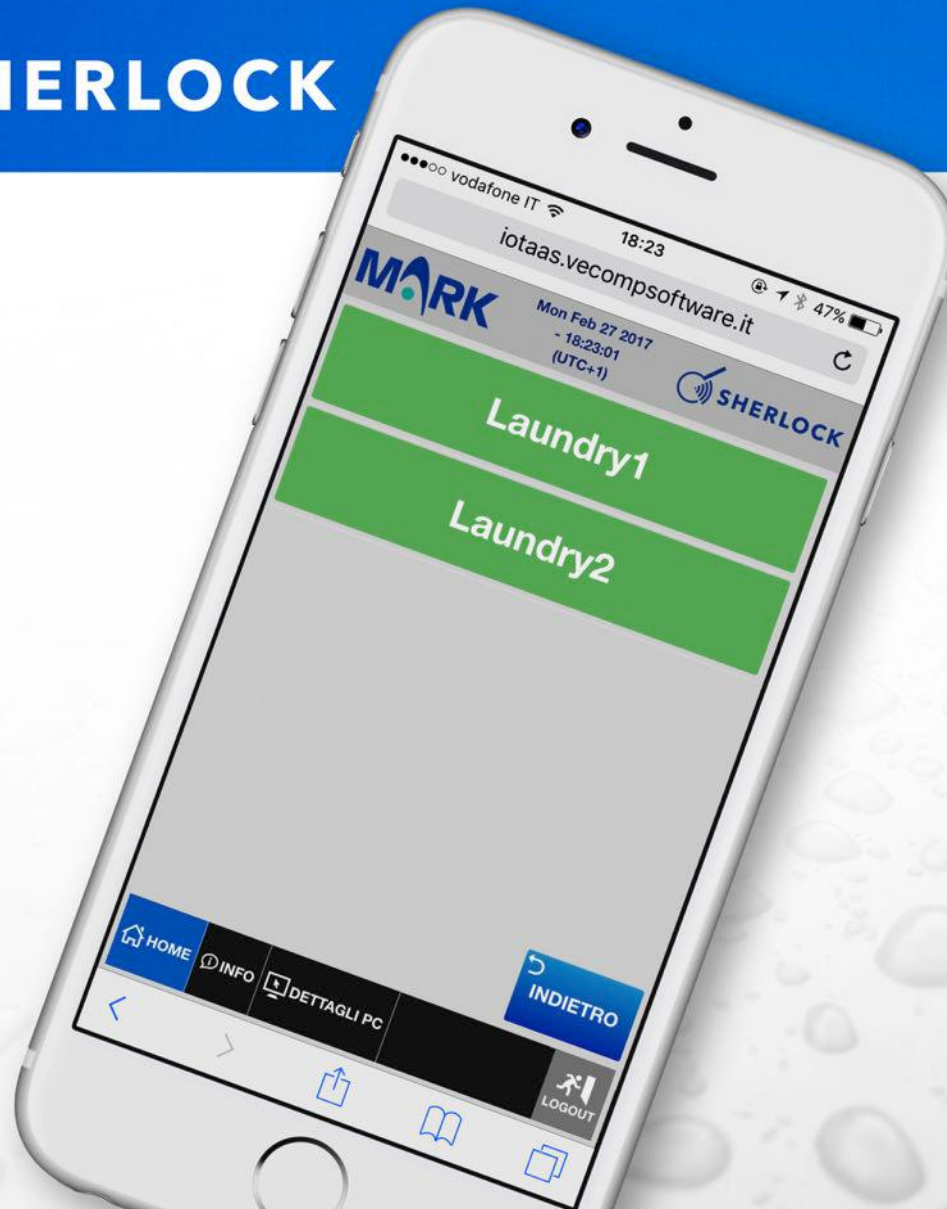
**also via e-mail*



The image shows a smartphone displaying the MARK accounting application. The screen shows a list of accounting entries under the heading 'CONTABILITA' CUMULATIVA DEGLI IMPIANTI'. Each entry has a value of 50. The interface includes a navigation bar at the bottom with buttons for HOME, INFO, DETTAGLI PC, REFRESH, and INDIETRO. The status bar at the top shows the time as 16:59 and the battery level at 27%.

| CONTABILITA' CUMULATIVA DEGLI IMPIANTI | |
|--|----|
| INCASSATO | 50 |
| VENDUTO CONTANTI VAL. | 50 |
| VENDUTO CONTANTI N° | 50 |
| VENDUTO CASHLESS VAL. | 50 |
| VENDUTO CASHLESS N° | 50 |
| VENDUTO CREDIT CARD | 50 |
| VENDUTO CREDIT CARD N° | 50 |
| KEY-CARD VENDUTE | 50 |
| KEY-CARD VENDUTE CREDIT CARD | 50 |
| RICARICATO CASHLESS | 50 |
| RICARICATO CASHLESS CREDIT | 50 |
| BONUS | 50 |
| RESTO EROGATO | 50 |
| RESTO NON EROGATO | 50 |

Daily, weekly and monthly accounting data in just one screen.



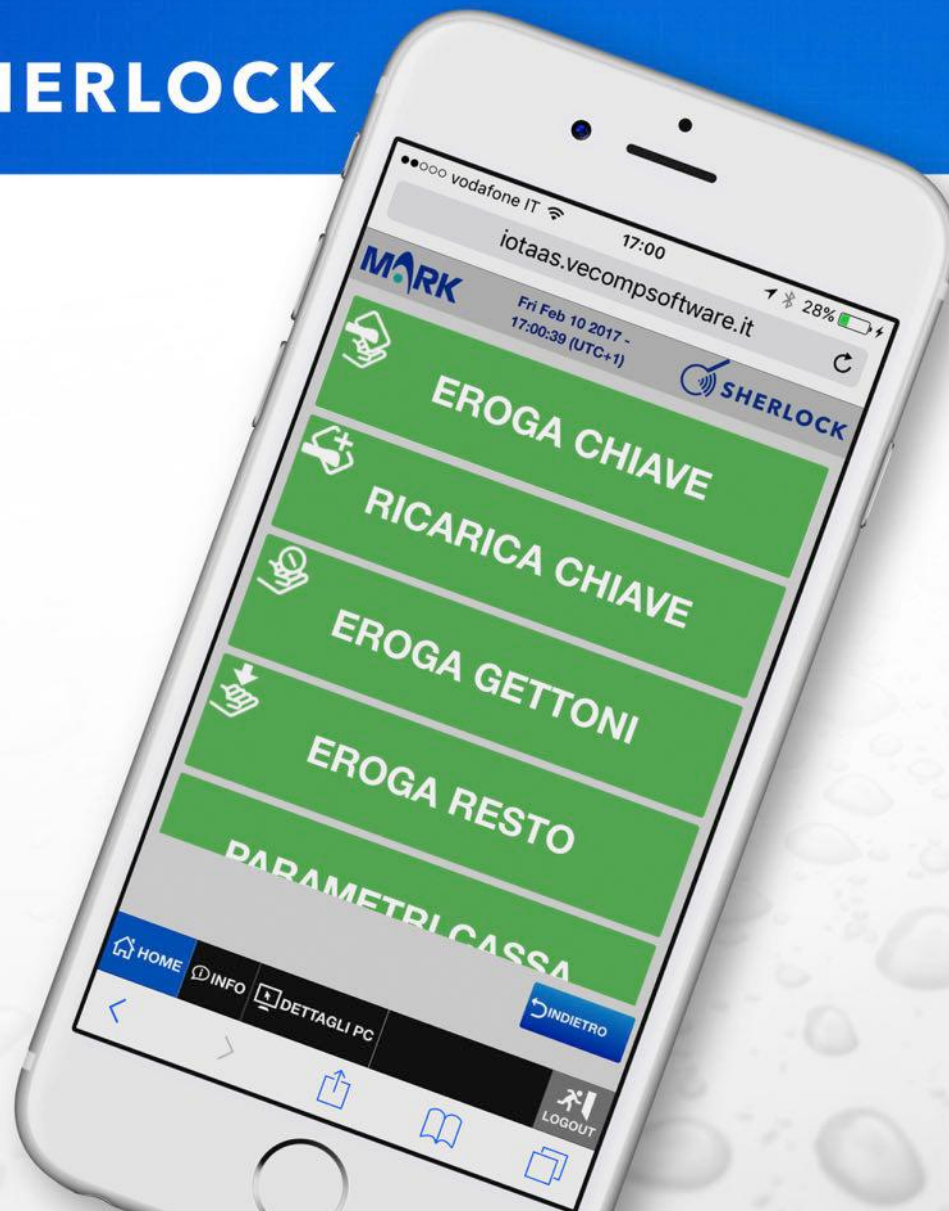
*Choosing of one
specific installation.*



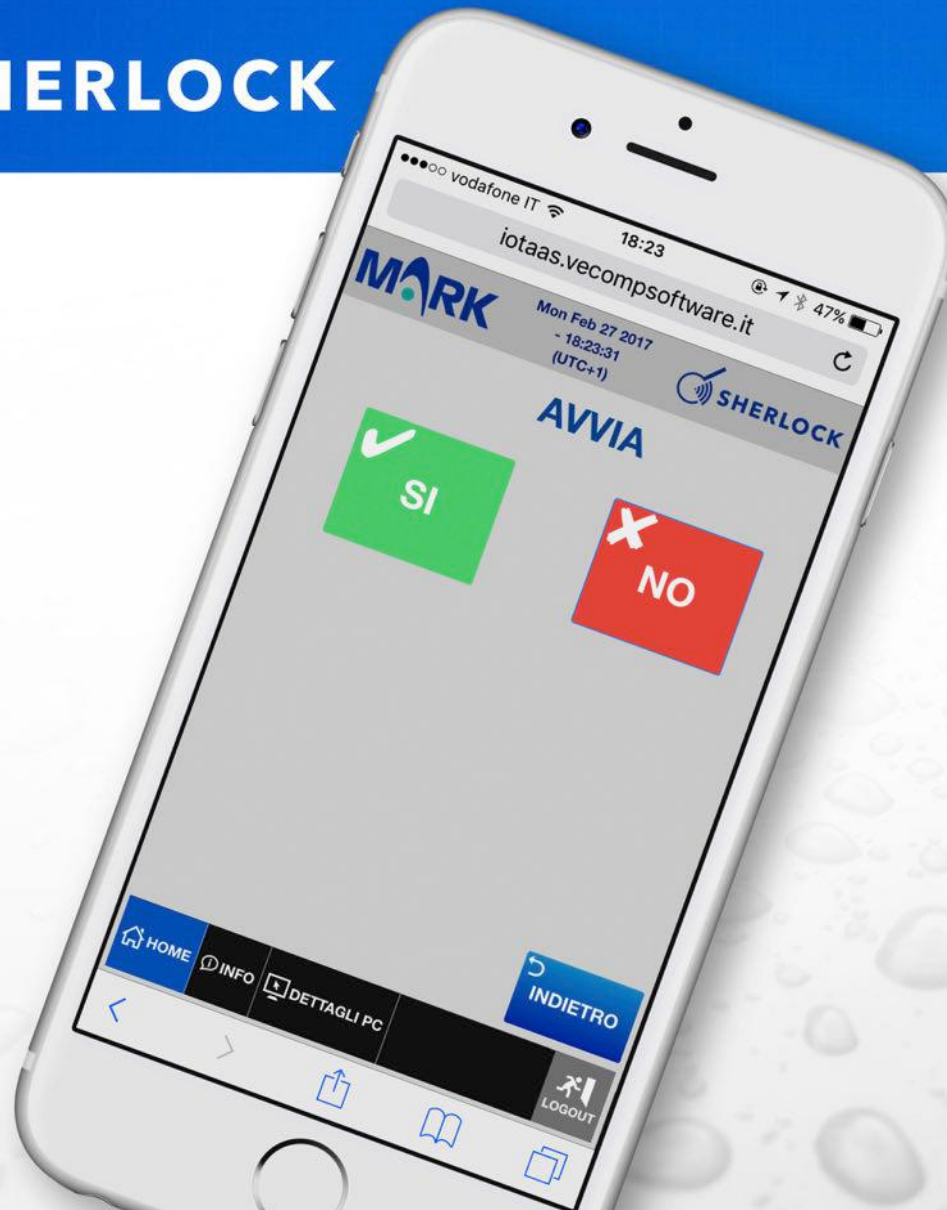
*Accounting data,
alarms, warnings
for every installation.*



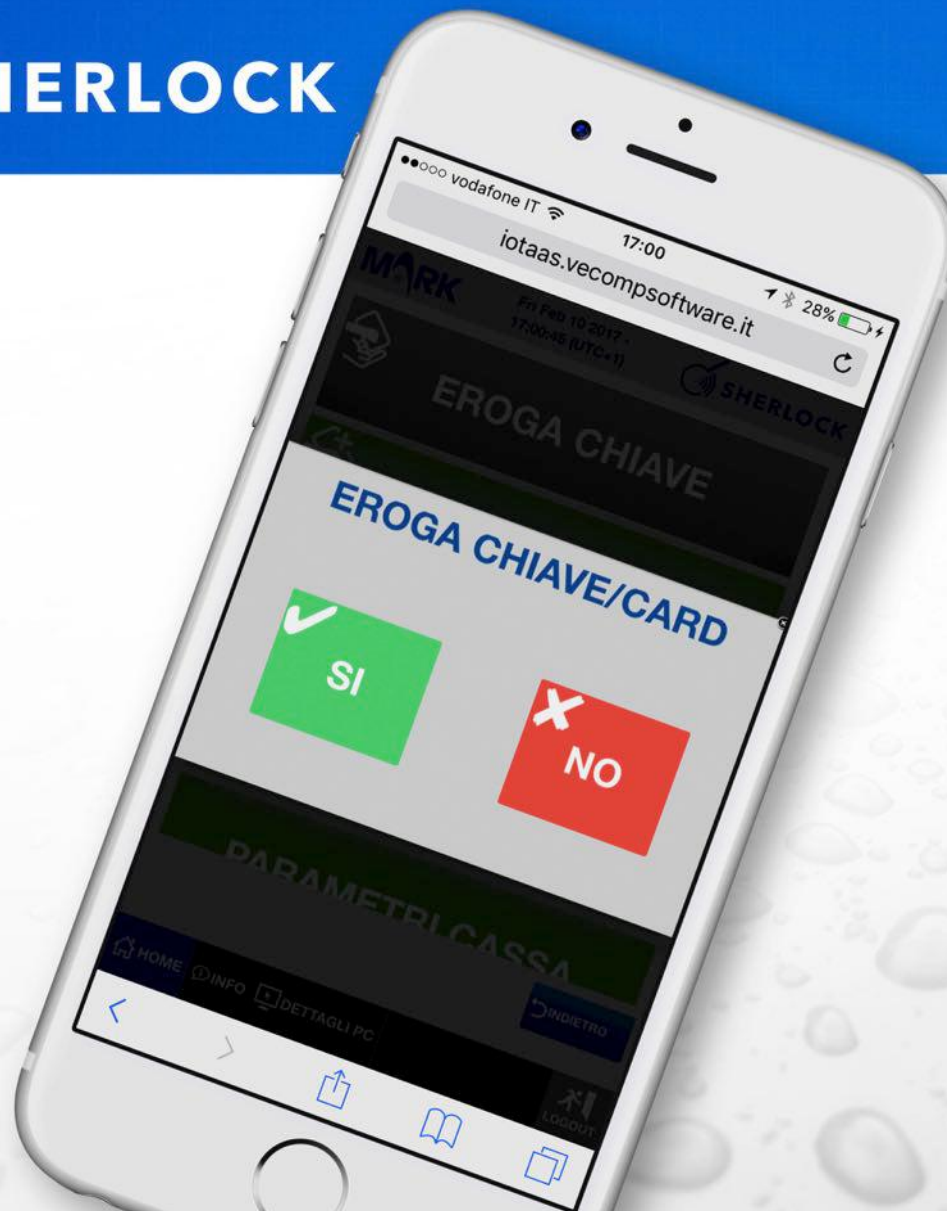
Choosing which device to work on.



Choosing which operation make on the device.



*Turning on a device,
remotely.*



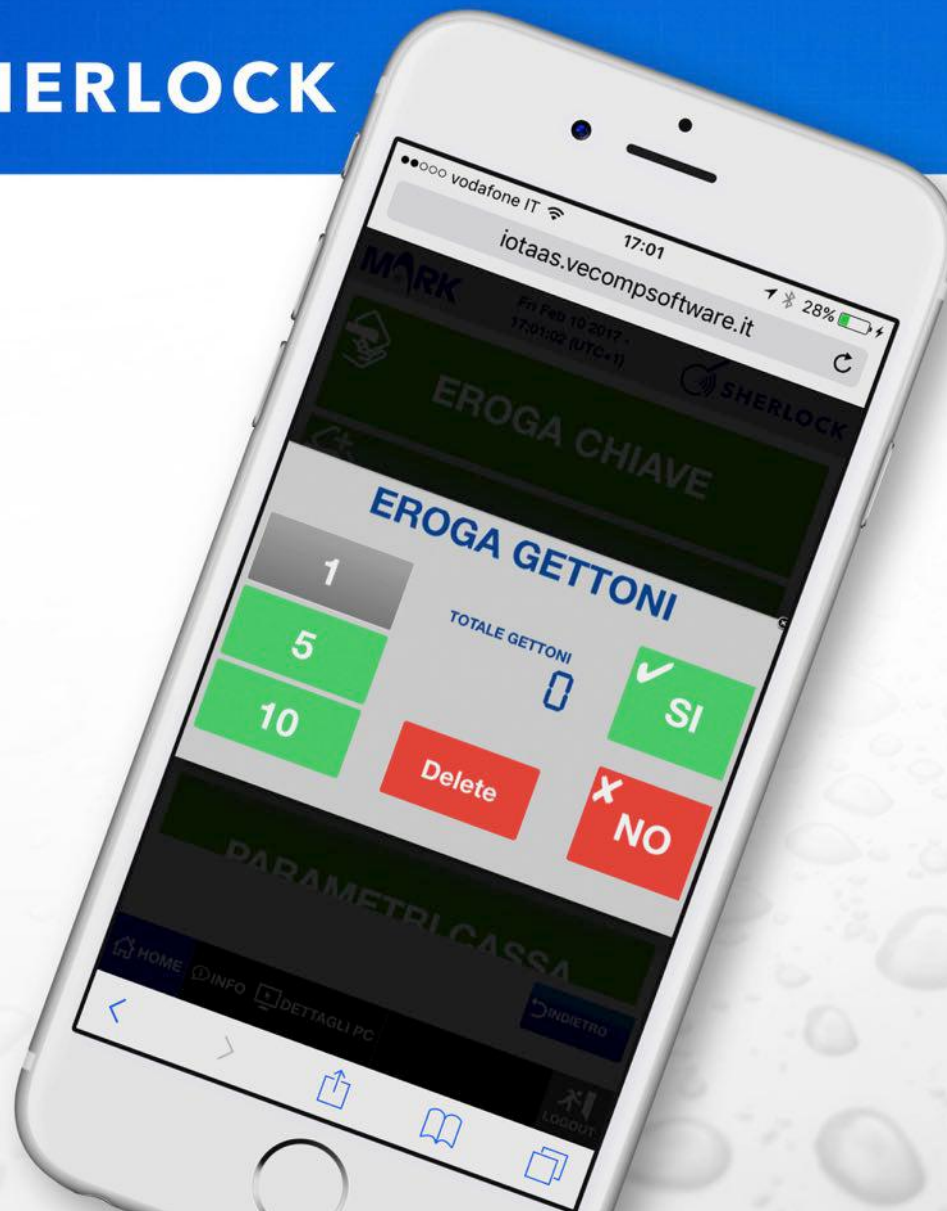
*Dispensing a key or
a card.*



Recharge the card or key with the chosen amount.

Serial number and credit of the card or key are visible.

Using Mifare cards and keys it's possible to track each operation on each card or key.

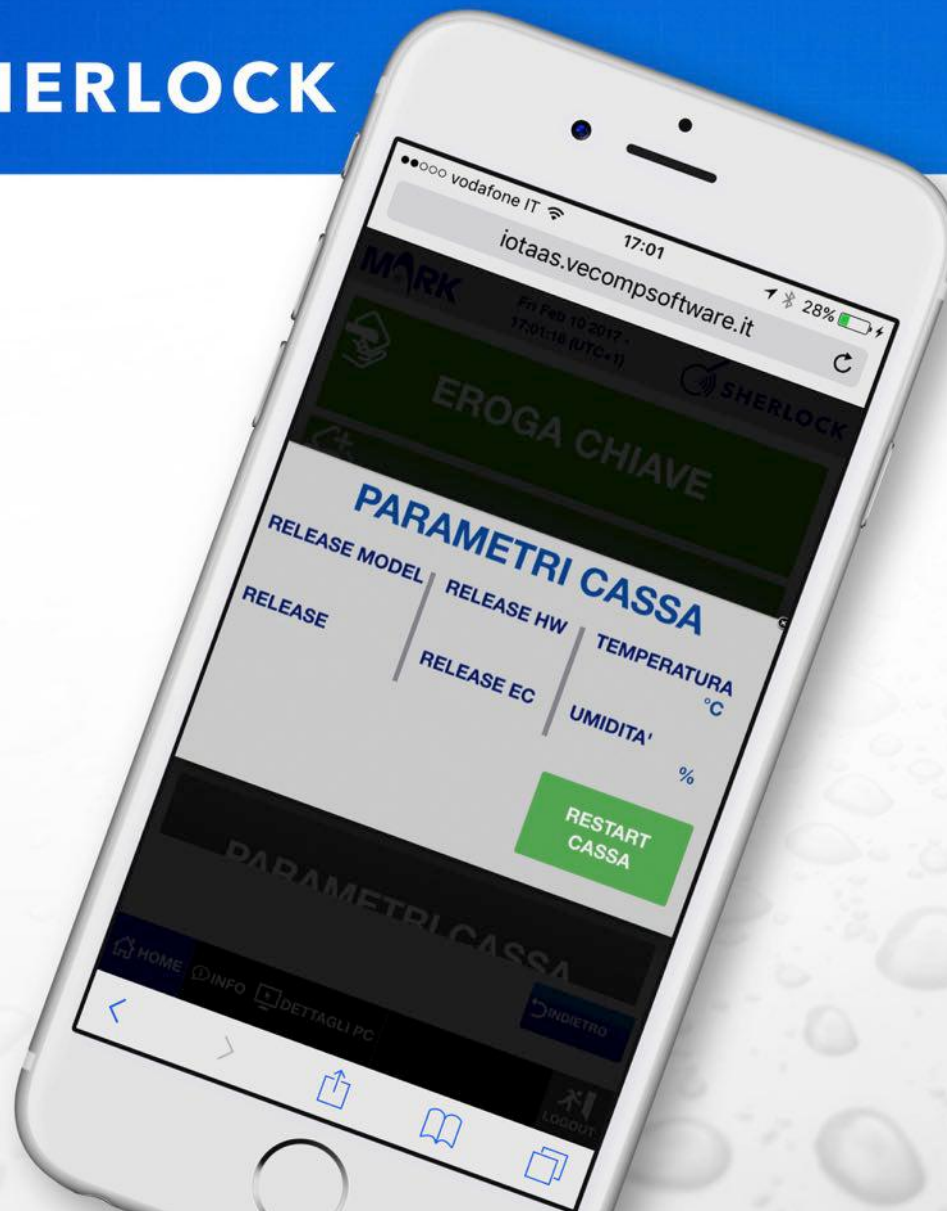


Dispenses tokens.

*It's possible to decide
how many tokens to
dispense.*



Choose the amount of change to give back.



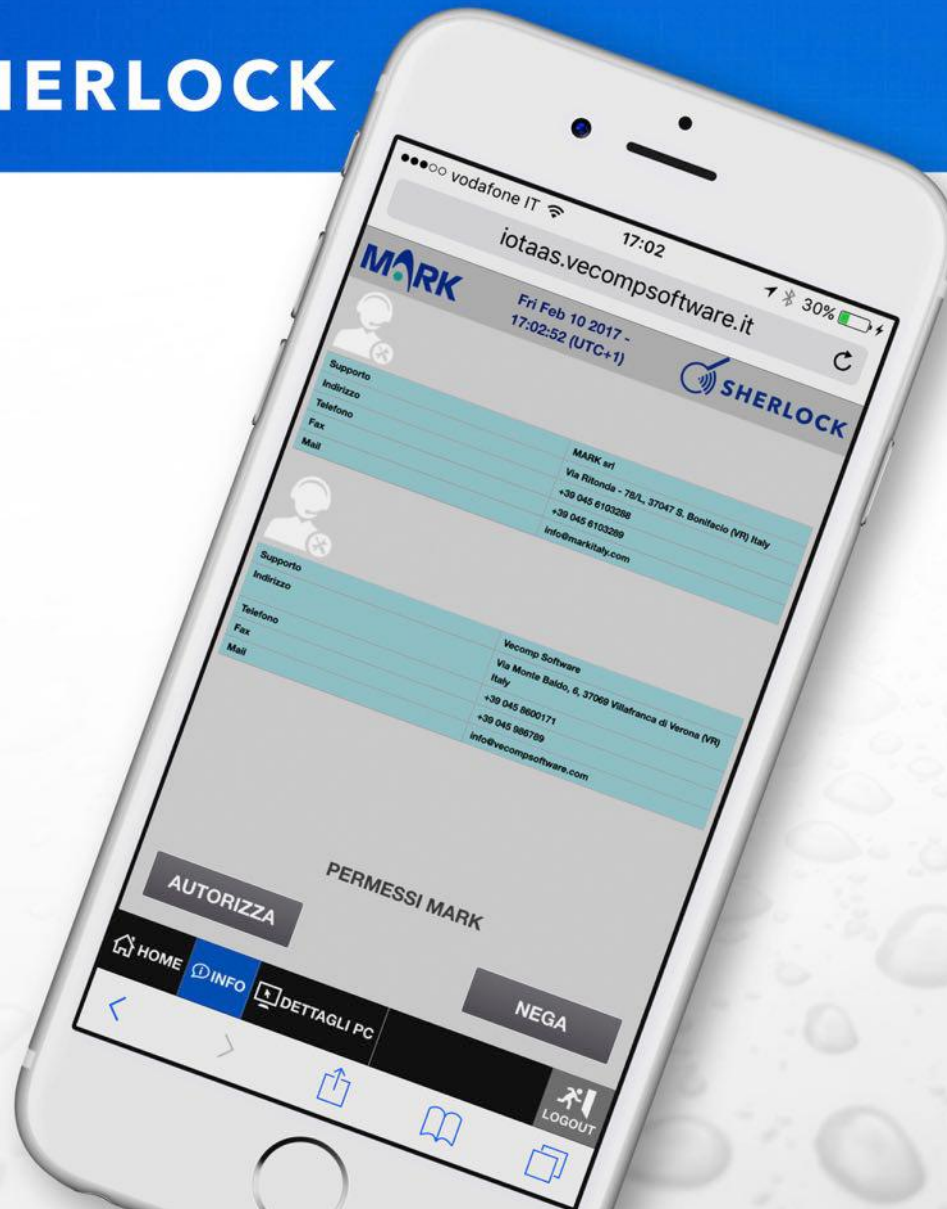
*Paystation parameters
with chance to restart
the unit.*



Paystation details for all operations made (date, time, amount).

Accounting.

Statistic of all warnings and alarms.



*Authorization settings
for all the data*

*Not even MARK can
access your data without
your authorization*

SHERLOCK has been created to do the operational part by [smartphone](#).

For the consultation and the management of all data, [tablets](#) and [computers](#) are much more comfortable.

You can make [diagrams](#) and [plans](#) and «export» them in Excel or Pdf, indeed.



MARK offers SHERLOCK to investors who want to:

- ✓ **Shorten management expenses and time with just a small investment**
- ✓ **Get new interesting incomes and marketing opportunities**
- ✓ **Gain competitors with sophisticated and personalised services**

All top **MARK products**, even those already working, are able to link with **SHERLOCK**

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That's why to invest in MARK products is always a **marketing idea**, even looking to the future.

Reduced operating expense
A better service
New business opportunities

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SHERLOCK... DON'T MISS IT OUT