RHEAMOTE

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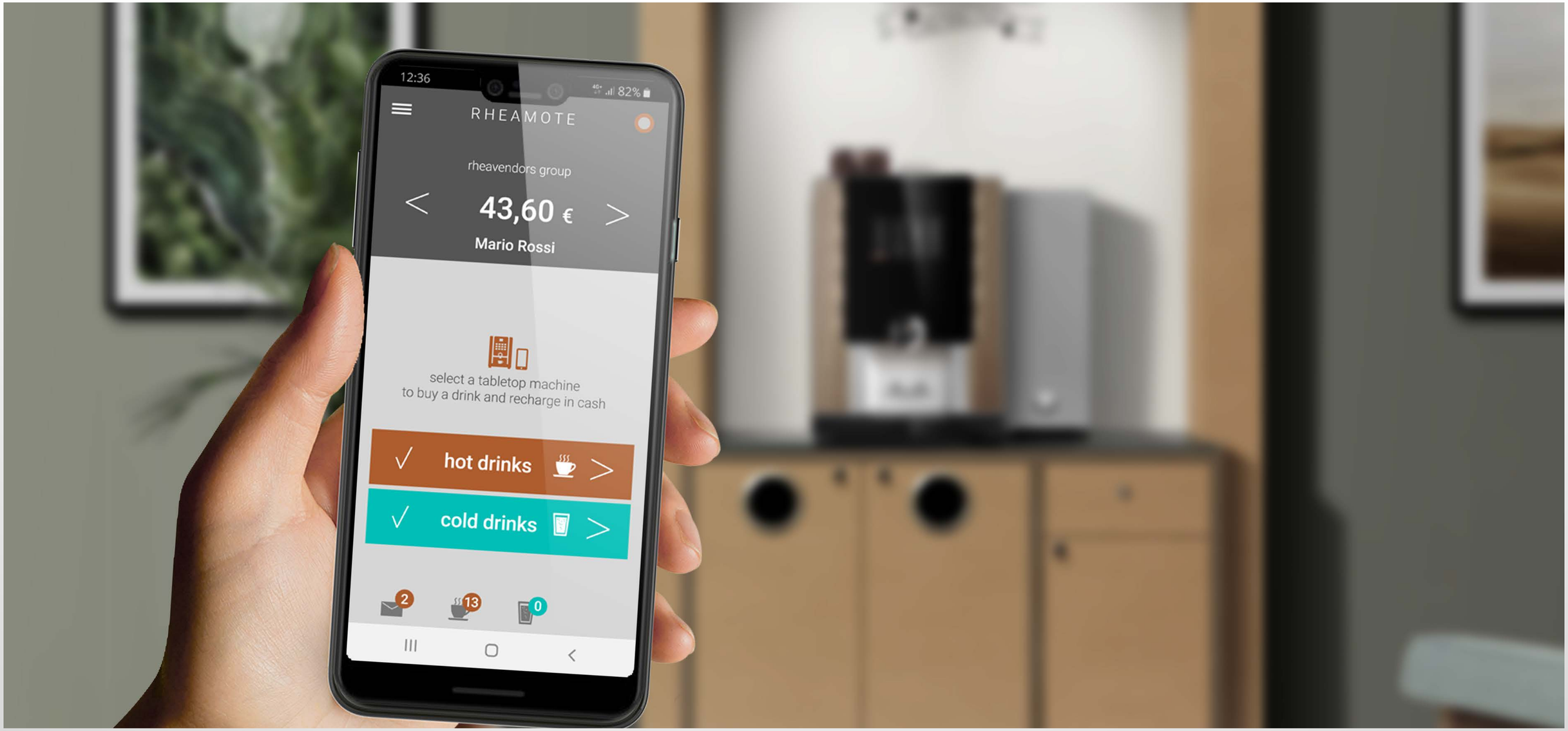
App for remote control of rheavendors tabletop and free standing machines



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What is RHEAMOTE

RHEAMOTE is a mobile wallet for vending machines composed by:

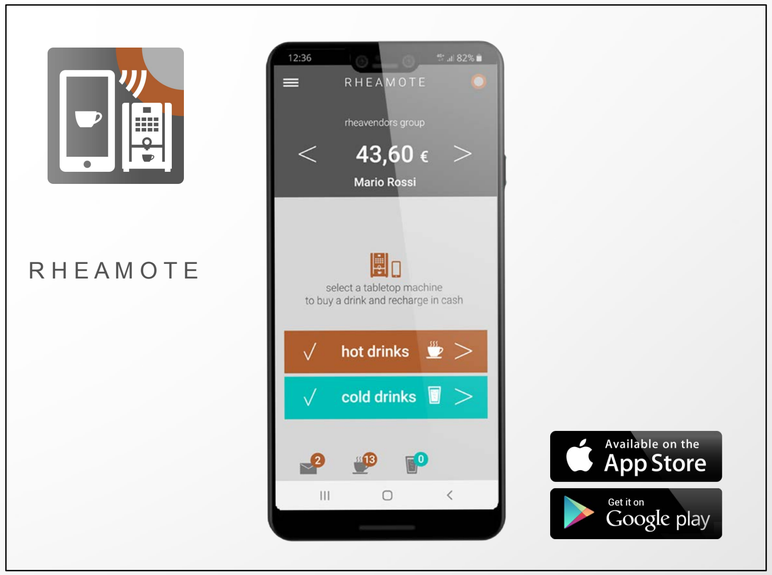
1 An hardware device to be connected to the machine

We provide a plug&play hardware device to be connected to the vending machine.

2 A web application on cloud to be used as a control panel by the service provider

To the vending operators we also provide a Control Panel to manage devices and to get statistics.

3 A mobile app (Android and iOS) for users



Instead, users must download the app from stores and begin to play.

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RHEAMOTE: Easily like a cashless key

A user has our mobile app and on the vending machine is installed our hardware device.

A

The user opens the app that discovers all the machines around (within few meters). Suppose there are two machines: drinks and snacks.

B

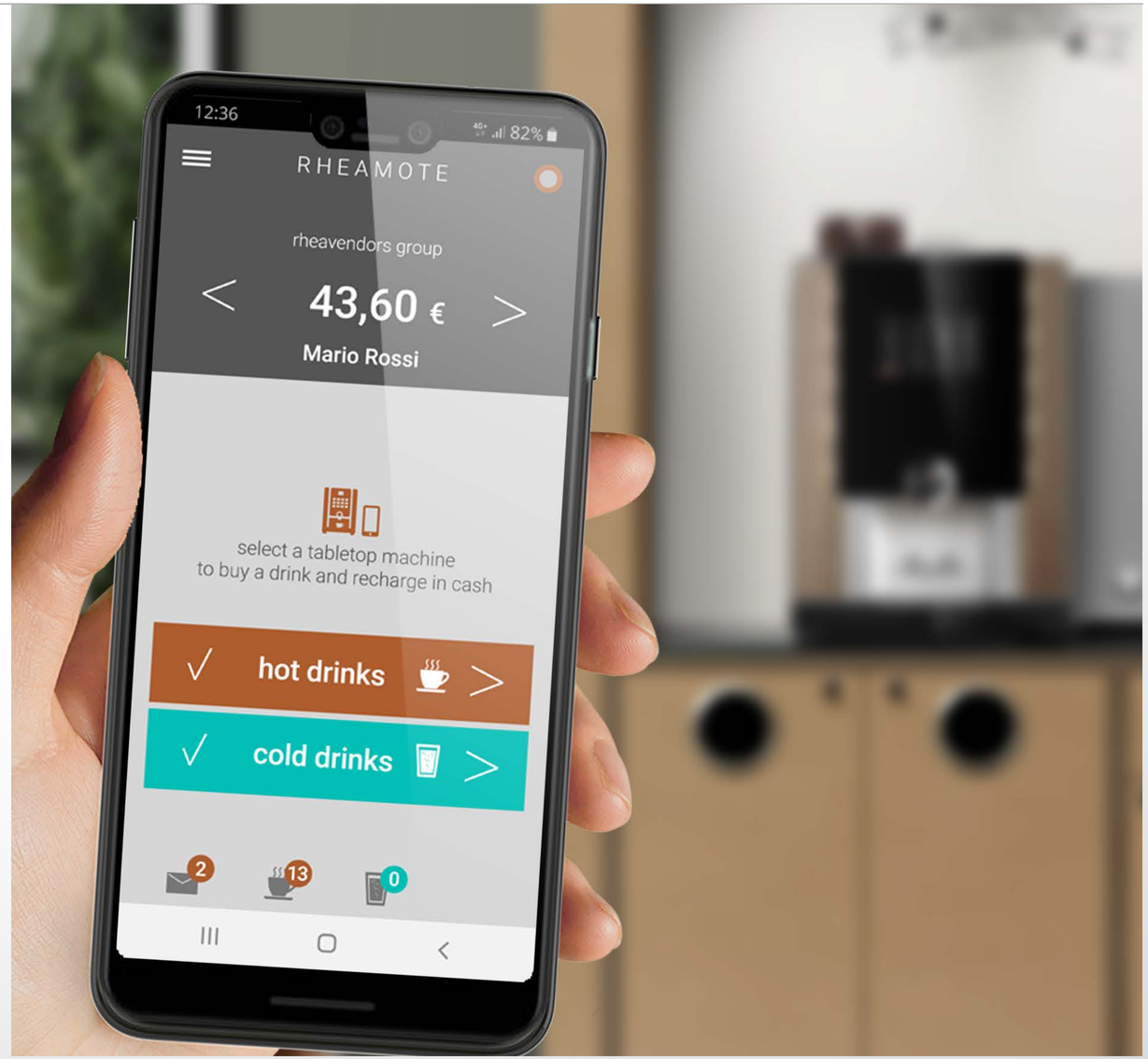
The user choose the machine, for example that of drinks.
On the display of machine appear the credit available in the wallet.

C

The user selects a drink on the machine and automatically the amount is scaled from the wallet.

D

If on the machine there is a change-giver or a banknote acceptor, the user can recharges the wallet using coins or banknotes.



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Value added by RHEAMOTE

RHEAMOTE is a major breakthrough in vending industry.
It replaces the traditional cashless systems used on vending machines (plastic keys, Mifare, etc.) with our mobile app.

The main benefits of using RHEAMOTE are:

- Our app is interactive and therefore allows you to create a direct link between operators and users.
- It provides users profiles and preferences, usage statistics both at cumulative and user level.
- You can offer coupons, promotions and loyalty points to acquire and retain users.
- You can offer different recharge channels: cash, credit cards, QR code.

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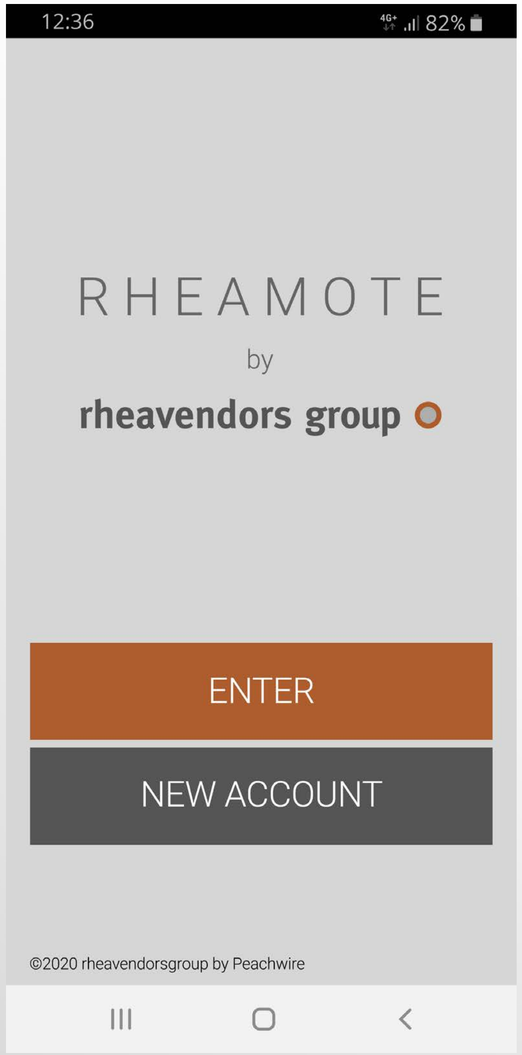
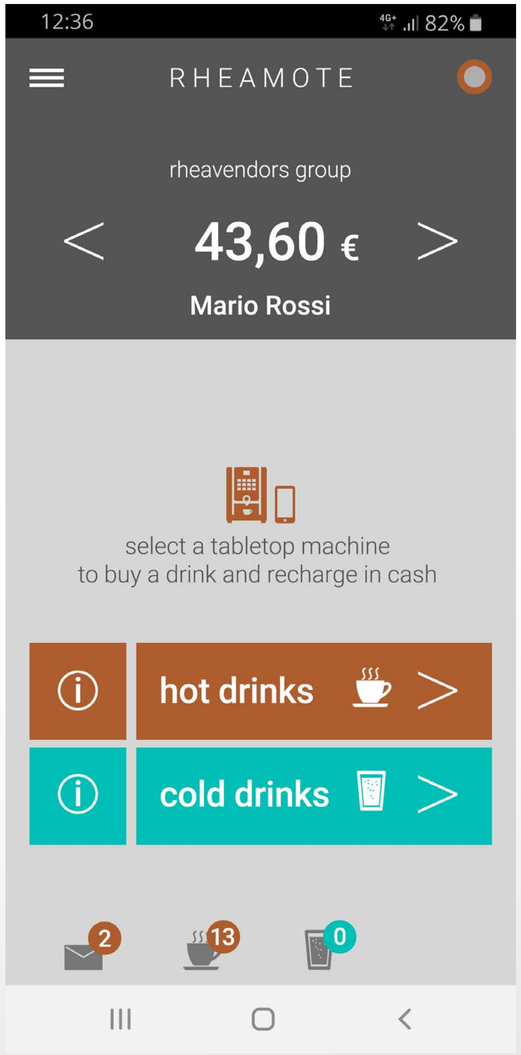
Interface Look&Feel

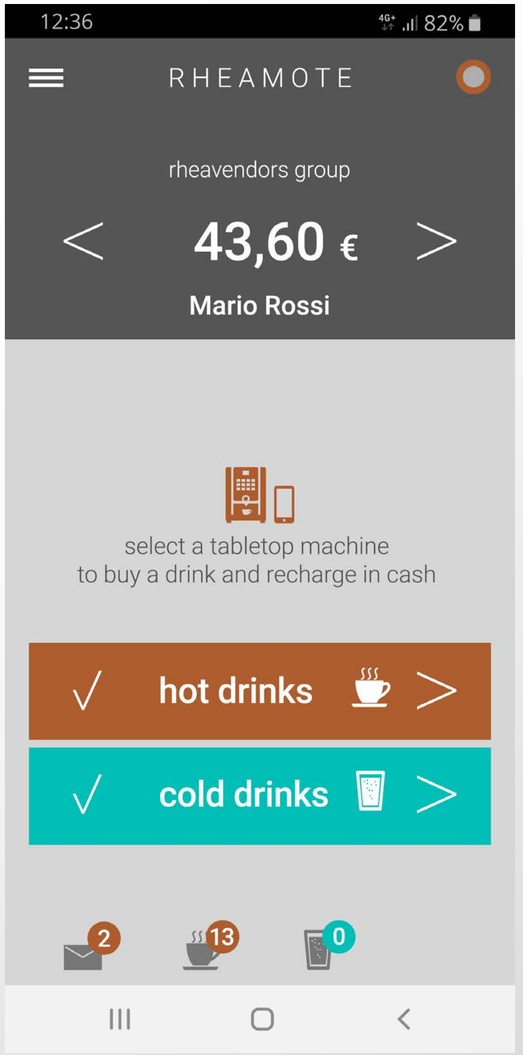
Enter_dia



Home_plus_info



Home



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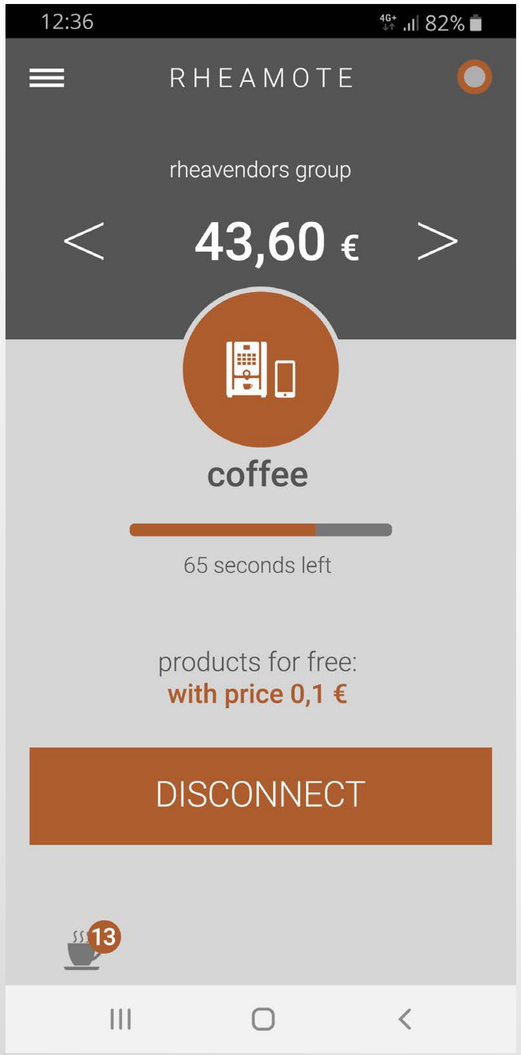
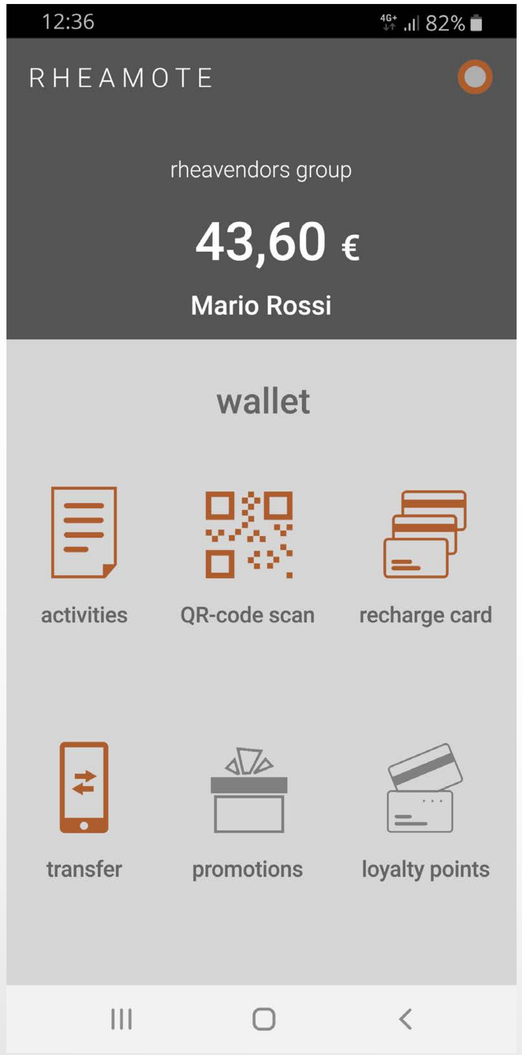
Interface Look&Feel

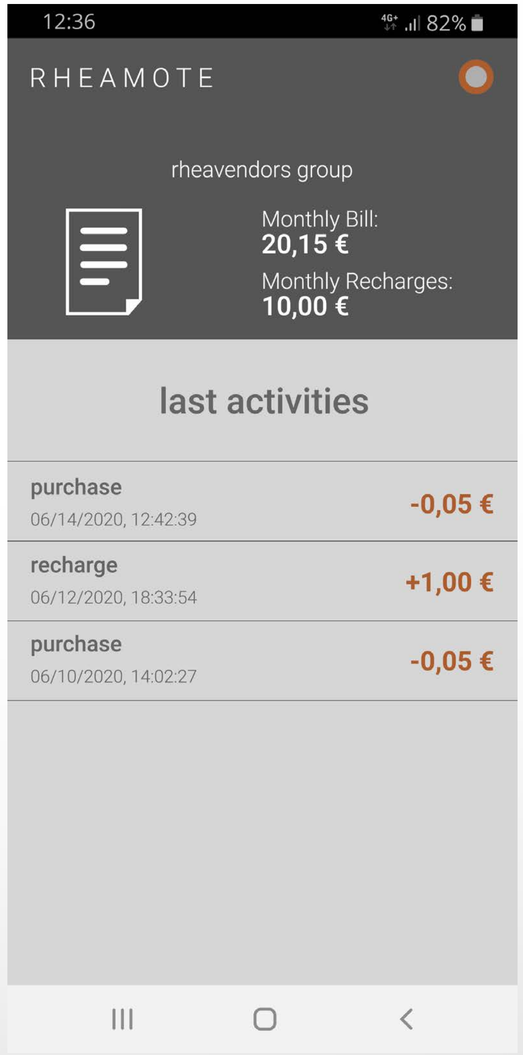
Connected



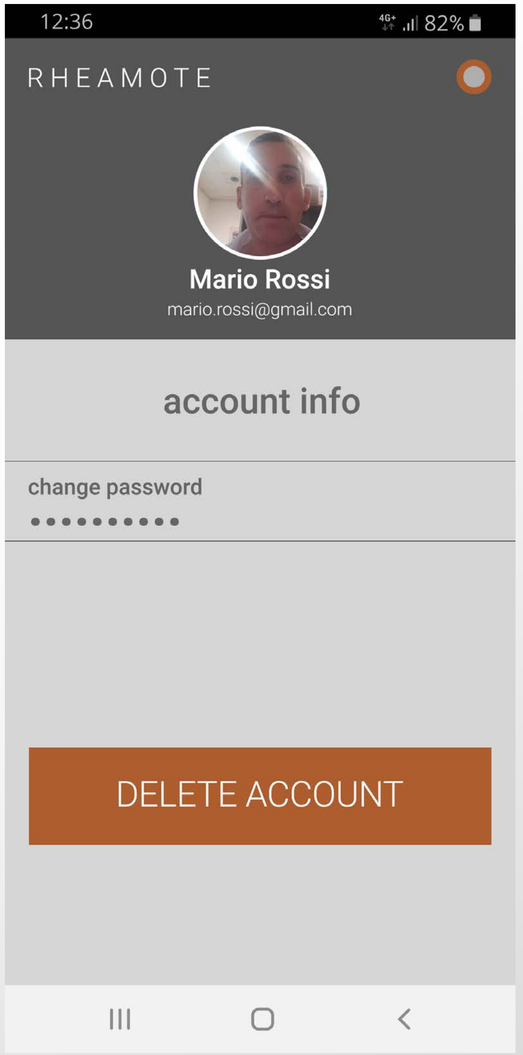
Wallet



Activities



Profile



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Current RHEAMOTE markets

RHEAMOTE is currently sold without any problem in the following regions/countries:

- Europe West and East

  thanks to CE certification
- Ucraina
- India
- Middle East (Dubai, Qatar, Oman)
- Panama

Known issues in other countries

- United States

  two issues:

  1) FCC certification needed. The device is “ready for” but we need a full certification.

  2) PayRange, a US company providing an app like RHEAMOTE, but with a different business model.

  It has a national patent, so we need to check for conflicts.

- Russia

  two issues:

  1) We have to check for hardware certification, probably we don’t need.

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Financial flows and services

The RHEAMOTE wallet can be refilled either in cash through the machine's cash payment systems, or with electronic money.

Nothing is due for the cash top-up.

For e-money top-ups, the payment service provider fees that we use apply.

Service provider	Description
Stripe	An US company covering also Euro area, for accepting VISA, Mastercard, American Express, Maestro. It offers also API for accepting: Alipay, WeChat Pay, GiroPay, etc.
PayPal	Covering all the World, but hardly used, almost not used at all, in some countries like India, China, Russia
Satispay	Essentially for Italian market
Zeta	An Indian service provider for Indian market

For specific markets we can integrate local payment service providers.

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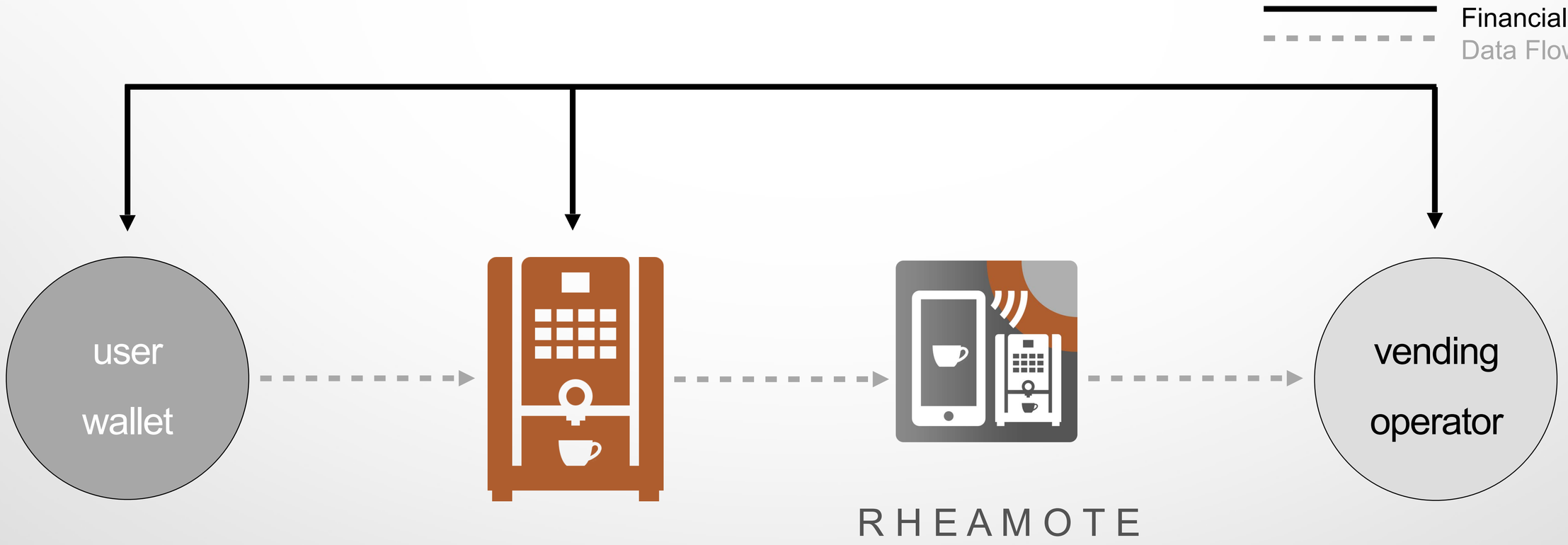
Financial flows - Cash top-up

Coins and banknotes are inserted in the vending machines, the user wallet is recharged and the vending operator withdraws the money from his machines. This mode reproduces the use of a classic key, where the plastic key is replaced by the mobile phone with our app.



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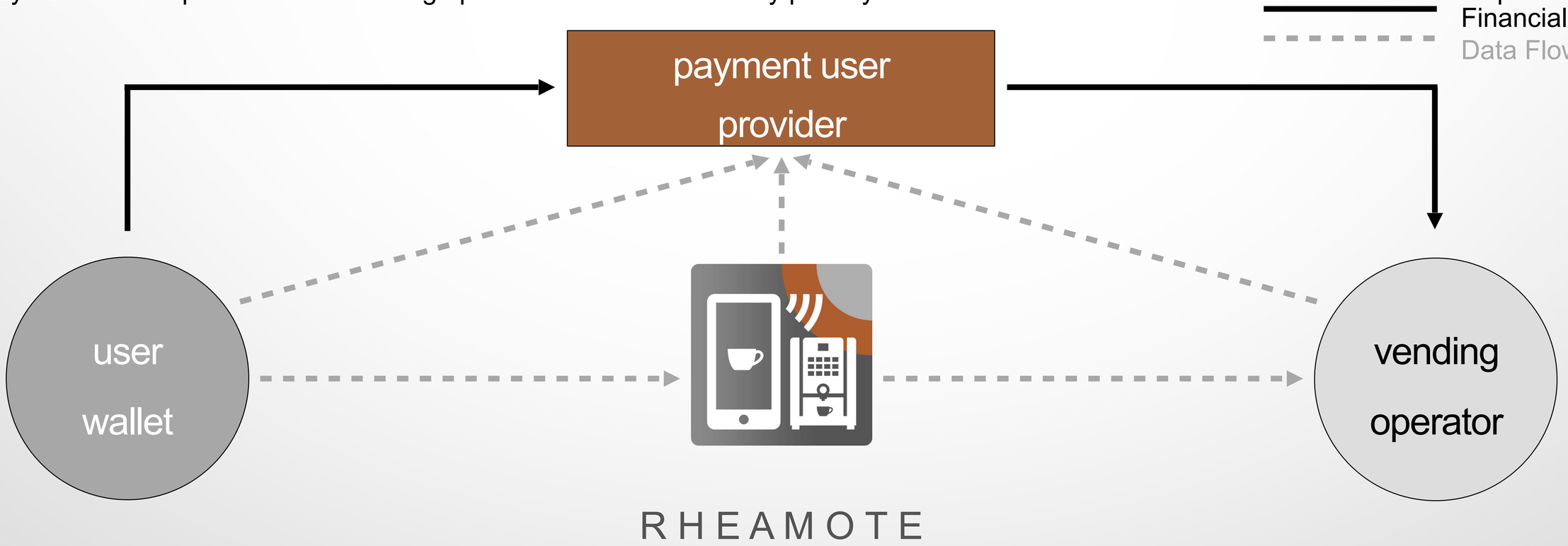
Financial flows - Electronic top-up

You don’t need money. On the user app there is the electronic top-up mode using credit cards, PayPal and other payment services that can be integrated. The user chooses the payment method and the wallet is updated instantly. The RHEAMOTE platform only manages the exchange of data between the various subjects. The financial flow instead is a direct flow from the user’s bank account to that of the vending operator through the payment service provider. The vending operator receives the money paid by the user subtracted from the fees due to the service provider.



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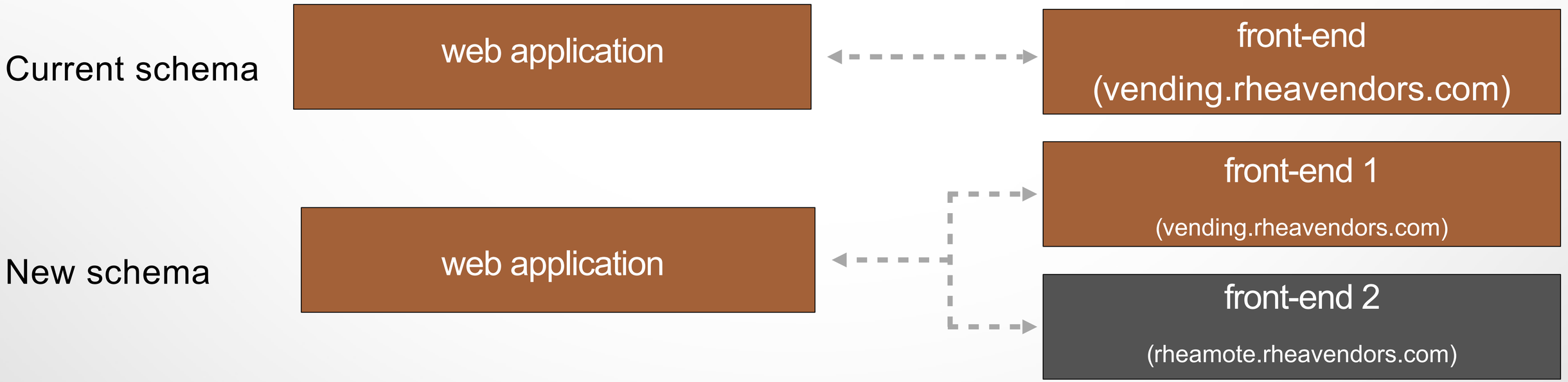
Customization of RHEAMOTE Control Panel

We can customize the user interface of the control panel in the cloud with Rhea's colors and assets (To be checked with technical staff).

The strategy is the one shown below:



After checking with our technical staff the feasibility, we can establish:

- Time schedule of development
- One-off cost for development
- Annual maintenance fee.

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