

Your Global Partner in Vending



The scenario

WIFI UNIT and SMARTPHONE
Peripherals for wireless accounting data collection



SMARTPHONE

READING HEADS and WORLDKEY MEDIA
3 heads to read data from keys, cards, tags and stickers.
Several payment supports that can be customised in quantity



CPU WORLDKEY/ WORLDKEY LITE
Receives data from the reading head and communicates directly with the machine



PC



PAYMENT SYSTEMS
Electronic coin mechanisms, coin recycler, banknote readers and POS to manage cash and cashless payments



TOUCH SCREEN EMBEDDED SYSTEM
System integrated into the machine to manage the components



SMART IrDA*
Module for gathering standard EVA-DTS accounting data on smartphones and tablets



DESKTOP UNIT
It connects to the PC via USB and allows data to be programmed, read and written. It allows black list management

*Patent pending project by RF Tech

1 Specialists in cash management



Electronic coin and change-giver mechanisms

Having sold millions of units, **RM5 Evolution** is the coin mechanism synonymous with **high quality and reliability**. The electronics combines extraordinary selectivity with **extreme programming versatility** for secure use in all daily applications.

Thanks to **5 different sensors and 10 recognition parameters**, RM5 HD ensures a high level of recognition and discrimination of valid and counterfeit coins with an unprecedented **speed of 6 coins per second** (even of different values).



Currenza C² is the **6-tube** highly operational coin recycler, which is specifically designed for the operator. The **PRP system** (Payout Redundancy Protection) and the **3 separate motors** reduce downtime and guarantee maximum security in every application, thereby increasing the profitability of the vending machine.

Coinco's **Guardian GLX** provides the best combination of advanced features and practical day-to-day ease of use with the **Lift-Out Cassette**.



Vantage bill validator

Coinco's Vantage offers industry leading features and innovative technologies specifically designed to maximise your profits in today's competitive markets. The innovative technology enhances **reliability and security** and its features increase the in-service time and sales. The quick-release bezel expedites installation and removal, the centric driver roller provides **highest bill acceptance**, the advanced bill image processing offer a **great fraud protection**.



A wide range of coin change machines

A vast choice of devices to meet **any change requirement**: each model guarantees impeccable **security performance** and the fastest dispensing speed found in the market.



2 Innovation pioneers in cashless management



WorldKey: the most complete cashless range in the market

WorldKey is the range of Mifare® cashless systems that can fulfil all **payment, activation, identification and recharging requirements.**



R&D by
RFTech

A world of opportunity for the operators

All WorldKey range systems are **versatile, durable and reliable.** They guarantee the **highest safety standards** in the category and an advanced accounting management. They can communicate with any existing payment system and allow sales volumes to develop thanks to the possibility of monitoring consumption and profile customers. Each product is quickly and easily managed and customised, thanks to the **practical programming software.**

WorldKey includes 5 different models to meet the specific needs of operators, 4 payment supports that can be customised in quantity and 3 reading heads for maximum installation flexibility

WorldKey cashless systems includes a **wide range of peripherals** for programming, for the collection of audit data and to recharge keys, cards, tags and stickers.

HAPPY is the **new payment media** which is compatible with all the WorldKey range of cashless readers and existing cards, keys and tags. Due to its reduced dimensions, especially thickness, HAPPY is so much more easier to use for end-users. Designed to operate as the well-known plastic keys, it can be personalized according to the vending operators needs or used in its standard HAPPY branding design. HAPPY combines the advantages of both, standard cards and plastic keys, in a unique solution.



WORLDKEY
WiFi UNIT

WorldKey WiFi Unit

Module for a **fast connection to Mifare® technology devices** installed on the vending machines via a handheld device to download audit data or any other device fitted with a WiFi connection board. It allows accounting information of all the installed machines to be collected.



P6 Series

Flexible solutions for Vending machines supporting many payment scheme's in one device. The P66 is a multifunctional payment terminal for contactless and mobile transactions. The P68 supports all cards for magnetic stripe, contact chip and contactless transactions.



Easy Charge

Easy Charge is the **practical recharging device for cards, keys and tags**, based on the Mifare® radiofrequency transmission technology. The compact size and simple design make it suitable to be installed in any type of environment.

Unico. one software with multiple features

WorldKey with Unico software allows **7 distinct wallets to be managed on one support**. Different sales or identification services (vending machines, access control, management services, parking) can be accessed with the same media (key, card, tag or sticker).

- Differentiation of users/customers in price, discounts and privileges
- Management and limitation of user groups
- Pre-paid and post-paid payment method use
- Management of bonuses, incentives, grants and subscriptions
- Management of limits of use (day, month, year)
- Limitations of use in quantity and card blocks if lost
- Integration with existing management systems
- Self and manual recharging systems
- Possibility of integrating with other payment supports (credit card or Mifare® supports used for other services)

...and much more!



Smart IrDA

Specific interface for implementing standard EVA-DTS accounting collection based on IrDA or RS232 on common devices using OS Android (available soon also for IOS platforms). Smart IrDA is connected to the device through the audio jack and allows of receiving and transmitting data in EVA-DTS format. This solution is perfect to **gather the accounting data** from the vending machines and payment systems in a quick and easy way using smartphones and tablets.

WorldKey Loyalty

The Loyalty platform enables operators to communicate with final customers. Operators can finally open a direct channel with them, understand their habits and increase, for example, the average revenue per user thanks to **dedicated marketing campaigns**.



Now you can also recharge online all the Mifare® media (cards, keys, tags, stickers)



How does it work?

The architecture

- Each vending machine includes a WorldKey cashless system that communicates and exchanges information with a remote server
- Customers are identified by the unique code stored in each Mifare® media
- By using this media the customer is identified and a dedicated promotion action can be performed

Operators' point of view

Operators through a specific platform can have access to all the data collected from each vending machine and decide **marketing activities** to incentivise customer spending. The actions they can perform are focused on **price policies** (discounts, incentives, dedicated price tables, bonuses...) based on collected analytics.

Customers' point of view

The final customers have a **dedicated interface** (designed to be easily and transparently integrated into the operator's web site) where they can see current active promotions and dedicated advertisement campaigns.

3 Safety first



E-PRL, Electronic Reprogrammable Lock

E-PRL is a patented high-tech locking system made up of universal locks with stainless-steel housing and various selfpowered key sets. It is available in an Unique code or Multi-code version. No wiring is required for installation and operation. The E-PRL system is suitable for all applications that require a high security **regarding the identification of the operator.**

- Wear resistance and attempts of forced entry
- Inviolable communication system: use AES 128 bit custom communication system
- It identifies each users, checks the permissions and records each operation
- Each key has its own "DNA" derived from more data on the electronics board
- Lock that does not require revision or addition of electric installations on machines already produced or installed
- No power on the lock: system power is internal to the key



New Bluetooth model which allows online control of authorizations/accesses and keeps track of transactions, even from a smartphone or a tablet

4 Scalable cash processing solutions for the Vending operation



Desk Top and notes counters



Coin Sorter



Deposit Solutions and Cash Recycling Solutions



Coins and notes are the lifeblood of Vending operation. The process required to handle cash can be surprisingly complex, costly and time-consuming: collecting, counting, collating, storing, transportation. SCAN COIN solutions streamline cash-handling operations.



Comestero

SCAN COIN

CashComplete™

COINCO

currenza G²