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CM18

Next generation cash recycling
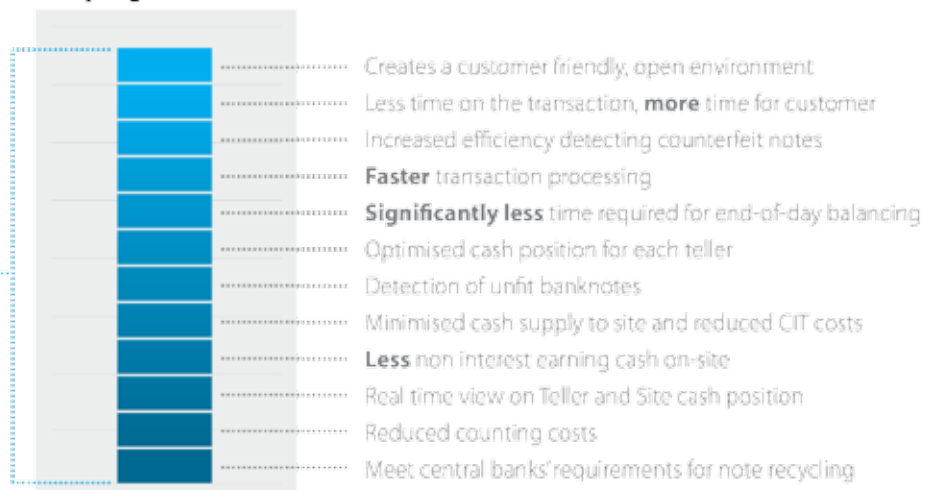
micro electronic
solutions

The TCR revolution

One major benefit of the CM18 TCR is that rather than focussing on the manual process of handling cash, the teller can give their **full attention to their customer**.

This customer-friendly environment, with the teller able to engage more with their client, creates a conducive atmosphere for building customer relationships leading to **improved customer loyalty and satisfaction**. This can also provide an ideal opportunity to market other services.

Analysing the revolution

Advantages and benefits of deploying a CM18 TCR

- Creates a customer friendly, open environment
- Less time on the transaction, **more** time for customer
- Increased efficiency detecting counterfeit notes
- **Faster** transaction processing
- **Significantly less** time required for end-of-day balancing
- Optimised cash position for each teller
- Detection of unfit banknotes
- Minimised cash supply to site and reduced CIT costs
- **Less** non interest earning cash on-site
- Real time view on Teller and Site cash position
- Reduced counting costs
- Meet central banks' requirements for note recycling

Branches equipped with TCR's register significant **increases in product sales** by tellers, increased security for branch cash holdings and improved branch staff protection.

The secure nature of the CM18 safe **reduces the risk of robbery** as the teller has only restricted access to cash. The CM18 can be programmed with a predefined 'duress' dispense which also informs the central system that a theft is in progress.

Suspect banknotes

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COUNTERFEITS

← EXIT

Counting results

ARCA   STD COUNT

NOTES	28
AMOUNT	2860€
REJECTS	0
COUNTERFEITS	0

ACCUMULATE

DETAILS

Counting details

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NOTE ID	TYPE	NUM	
CPDA	10 €	1	
CPGA	50 €	5	
CPHA	100 €	21	
CPJA	500 €	1	

The CM18 allows the result of operations such as counting or depositing to be verified immediately, using the CM18's Touch Screen Interface. This permits banknote quality to be controlled in detail, counterfeits to be detected and uniquely identified, the number of the denominations to be counted and the total amount of the transaction to be calculated automatically.

Remote Management Options

Monitoring functions for optimised cash management. Management of device faults.
Ability to programme and configure unit.
Proactive management of Preventative Maintenance visits.
Online updating of firmware and banknote templates over secure connections.

Touch Screen Interface

Integrated Touch Screen Interface. This purpose built interface allows the operator to perform offline operations and provides help using video images. Simplifies both First and Second Line Maintenance tasks and the resolution of faults. Provides the operator with the ability to access the device's functions without consulting the user manual.

Physical and logical security

UL291, CEN L, CEN III safes with standard options of floor anchorage. Alarm sensors and provision of secure locks. Safe door opening can be software controlled.
Option of secure communications software (TCP/IP V6-IPSEC) through dedicated Windows CE board. Option of left or right side hinge on unit door.

Recycling - Deposits and Dispenses

- Deposit/dispense transactions in batches of up to 200 notes (without limits per transaction)
- Note bundles can contain any supported currency/denomination in any order/orientation
- Deposit speed up to 5 notes per second
- Dispense speed up to 7 notes per second

Counting and Sorting

- Simple note count - Standard note count - Denomination fit note sort - ATM Count

Validation and Fitness Sorting

- Full image sensors for Visible, UV & IR light plus magnetic and ultra sounds sensors
- Reader can store up to 16 currency definitions of which 4 can be active
- Reader can store up to 32 denomination definitions per currency

Capacity

- Standard CM18: 8 recycling cassettes, up to 500 notes per cassette (4000 notes total)
- CM18T: 8, 10 or 12 recycling cassettes, up to 500 notes per cassette (6000 notes total)

Connections

- RS232, USB 2.0 or TCP/IP for Application communications
- RS232 for optional peripherals
- USB 2.0 or TCP/IP for service updates/engineers
- Optional Embedded XP PC enabling integral Teller Application support

The CM18 is designed and manufactured in Italy

CM18 - UL291
Width: 440 mm
Depth: 800 mm
Height: 672 mm
Weight: 316 Kg

CM18 - CEN III
Width: 500 mm
Depth: 825 mm
Height: 690 mm
Weight: 454 Kg

CM18 T - UL291
Width: 440 mm
Depth: 800 mm
Height: 942 mm
Weight: 398 Kg

CM18T - CEN III
Width: 500 mm
Depth: 825 mm
Height: 987 mm
Weight: 583 Kg

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