



Winning Strategy



# Intelligent Cash Management System

Compact and modular design with full functions of multi-currency banknotes counting, sorting, verification, deposit, client-server applications & Cloud-based Cash Management System

The end-to-end cash management solution automates cash processing and handling at store. Monitor and manage your stores cash status and flows anytime, anywhere

## BENEFITS AT GLANCE

- 1** Simplify daily operation workflow and procedures, increase efficiency
- 2** Minimize cash discrepancy from a manual count and check for counterfeit money
- 3** bypass all time-consuming internal cash handover procedure
- 4** Cloud-based system, provide real-time cash flow monitoring
- 5** Remote monitoring, access and manage all Cash Deposit Machines, ensure maximum availability
- 6** Increase personal /store staff safety and in-store security
- 7** Greatly reduce operation cost for cash handling



*Improving the efficiency and simplifying the operation procedures, which means cost saving*

## 5 STEPS FOR CASH DEPOSIT

- 1** enters staff ID
- 2** required function selection
- 3** currency selection
- 4** banknotes feed into hopper
- 5** press “accept” button

## Efficient Cash Management Solution

TFS Cash Management System is designed to transform the life easier for retailers. The Cash Deposit Machine (CDM) can handle and deposit multi-currencies and automatically record on our Cloud-Based Cash Management System (CMS). Retailers will minimize the cash discrepancy and counterfeit, with full transparency. Staff can easily check the cash flow status through CMS anytime in anywhere.

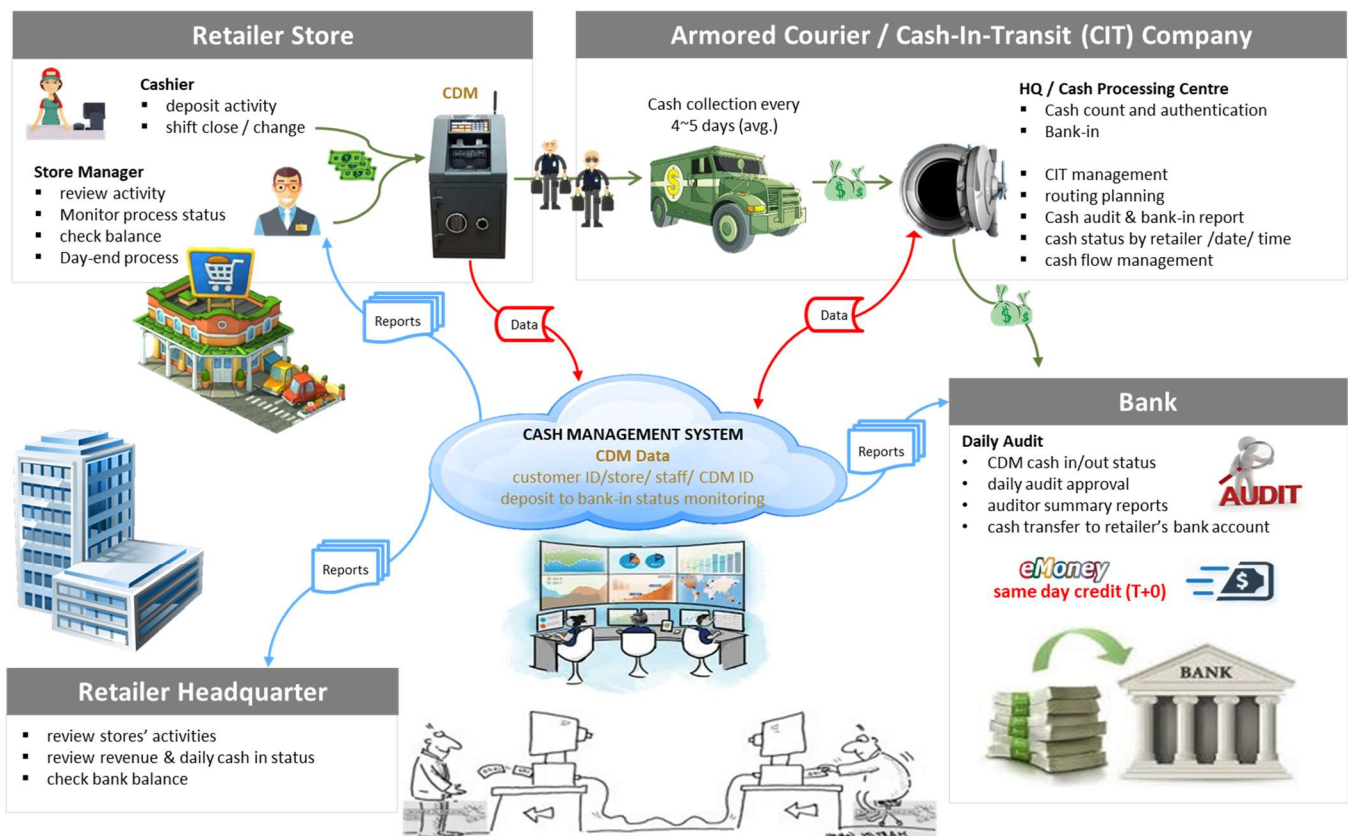
This cash management automation solution, guarantees security, improving efficiency of store cash management, and simplifying the procedures. It offers retailers the highest acceptance rates, unrivaled security, and the lowest cost of ownership in the industry.

## In-Store Cash Management Automation

For traditional store management, cash is counted and handover to supervisor manually according to pre-defined company procedure. This routine is labor intensive, and the process is lack of real-time monitoring.

TFS Cash Deposit System is the automated solution that can deliver more efficient processes to stores/ branches. The staffs simply login to the CDM with individual ID, and the banknotes are instantly counted with counterfeit detections, the checking result and total will be displayed on the screen for confirmation, once confirm, the counted banknotes will then deposit into safe with printout of details. The deposit information are automatically recorded in both CDM and Cloud Based CMS, and banknotes are safely stored in our UL standard safe.

Management staff can easily access the TFS CMS through any web browser, whether using PC / notebook, smartphone, or tablet at anytime anywhere. It dramatically improves automate the cash handling workflow, simplifies the procedure, increases efficiency, reduces operating costs, reduces the risk of robbery / theft and safety of the store staffs.



## Solution Highlights

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*Full function cash management system, manage your cash flow at anytime in anywhere*

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### BASIC FUNCTION

- 1** multi-currency, multi-language
- 2** mixed denomination, multiple bundles in one transaction
- 3** deposit / counting by batch or value
- 4** escrow, banknotes are held in escrow for confirmation before making deposit
- 5** envelope deposit (for coins, bank cheques or others non-countable items)
- 6** counterfeit detection: UV, IR, MG image, CIS

TFS CMS continues to gain popularity amongst retailers or other public sectors looking for improvement of security, simplification of the cash management process, as a result, lowering overall costs. Documented ROI models have repeatedly proven the value of cash deposit system implementation can make cash processing more efficient, it can free up management's time to focus their core business and maximize the organization's profitability.

### Fast & Simple

TFS CDM is efficient and user-friendly. Simply bundles up 600 notes and deposits into the machine. The total value is automatically counted and recorded within a minute. This relieves employees of manual cash counting, cash hand over and related administration efforts.

### No Discrepancies

Through CDM touch-screen identification, user's details are logged for complete transaction transparency, the deposit amounts, deposit date/ time can always be recorded by the system, and this eliminates any cash counting discrepancies.

### Full Function

TFS CDM is an open platform and standard PC technology. The system comprises of banknote counter, safe, built-in PC, touch LCD, printer, and 3G. It also comes with optional items like smart IC card reader, magnetic swipe card reader, 2D barcode reader, security pin-pad, and so on. The system can support any other add-on peripherals which guarantee no compatibility issues.

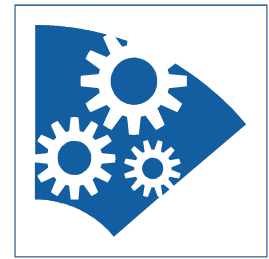
### Real-Time Cash Management and Monitoring

Through a standard local area network (LAN) or 3G network, all data from TFS CDM will sync to TFS CMS that is cash management and monitoring system with cloud computing technology design. It facilitates retail/ branch management by real-time cash monitoring. It also monitors all the TFS CDM remotely to ensure ongoing up time and keep running smoothly.

Through TFS CMS, management will know exactly how much cash in each store/branch. Furthermore, the management staffs will always know the cash whether it is in the store/ branch, in transit, or at the cash center, and how much it will be credited to an account. It can be counter checked amongst the deposit amount, safe capacity level, CIT collecting amount by date/time, staff ID, store or branch, CDM ID, or by territories and so on.

### Users Friendly with Less Implementation Effort

TFS CDM is a plug-and-play system with all required functions pre-installed. It is an hassle-free installation, simple operation, and user-friendly interface that can get your CDM operational with minimal learning time. It lets you, in a very short time, to be able to use and get instant experience on the convenience of the system.



### Modular Design for Flexibility and Capacity

TFS CDM is a modular design that meets various customers and business needs. The system can fit into different indoor environment, available space, and any different banknote storage requirements.

The system is equipped with different models for selection. The flexibility allows the small size model CDM-750 (750mm height, 3,200 notes storage) placed under a counter where space is limited. The middle size model CDM - 1000 (1,000mm, 8,000 notes storage) and large size model CDM-1200 (1,200mm height, 12,000 notes) that can be placed in store back office. We can also conduct customization in response to the individual need of different sizes and storage capacities.

All models come with high security sealing stacked bags, it provides the flexibility and high security.

### Application for

- ✓ Supermarket
- ✓ Convenience Store
- ✓ Pharmacy / Drug Store
- ✓ Shopping Mall
- ✓ Department Store
- ✓ Specialty Store
- ✓ Petrol / Gas Station
- ✓ Food Court, Restaurant
- ✓ Theme Park
- ✓ Casino
- ✓ Transportation
- ✓ Government Office
- ✓ Bank Branch, CIT



## Specification

### NOTE PROCESSING

Hopper Capacity:	600 notes
Escrow Capacity:	100 notes
Reject Pocket Capacity:	50 notes
Speed:	600-1,200 notes/ per minute
Operation Mode:	mixed denominations, by fixed value
Function:	deposit, envelope deposit, count, notes sorting, escrow, anti-theft
Counterfeit Detection:	UV/ IR/ MG Image/ CIS
Currency:	HKD, RMB, USD, EUR, GBP & others

### SAFE & STORAGE

Safe:	steel 8mm
Lock:	electronic keypad, mechanical lock
Storage:	high-security auto sealed bag
Capacity (approx.):	CDM-750 (small size): 3,200 notes CDM-1000 (middle size): 8,000 notes CDM-1200 (large size): 12,000 notes

### SYSTEM UNIT

CPU:	Intel x86 Core
Memory:	4GB RAM
Storage:	64GB SSD
Interface:	RJ45, Serial Port, USB
Operation System:	Linux

### PERIPHERALS

Display:	7" touch screen
Receipt Printer:	56mm thermal printer
Networking:	3G network/ Ethernet
Options:	Wi-Fi network 2D barcode scanner magnetic card reader 1/2/3 tracks IC card reader security pin pad, UPS

### DIMENSIONS & WEIGHT

Dimensions:	CDM-750: 340 x 475 x 750
(W) x (D) x (H) in mm:	CDM-1000: 340 x 475 x 1,000 CDM-1200: 340 x 475 x 1,200
Weight (kg) S/M/L:	Approx. 105/ 120/ 132

### OPERATION ENVIRONMENT

Power Supply:	AC110-220v (+/- 10%)
Power Consumption:	standby mode≤15W operation mode≤70W
Operation Condition:	temperate 0-40°C humidity 40-90%



CDM-1200



CDM-1000



CDM-750