



PROCAPT

# Smart Cash Deposit Solution

Doc version: V.2



# SMART CDM Product Introduction

- Smart CDM is one of SUNSON TECH's patent products in retail industry, based on the reliable hardware, SUNSON developed its own software, includes the front end, data base and back end applications, which can offer the turnkey solution of cash deposit service by increasing the efficiency and security of the cash deposit, reduce the overall operational cost, provide a real time management system to give the store owner full authority to know the cash level in each branch and machines status.
- This product is totally fit to be used in petrol stations, supermarkets, hospitals, toll offices, government offices, etc.. “any place where cash being collected during the day”



# Solution Overview

**GOAL**

**Labor Cost Down**

Reduce the staff of the finance desk

**Increasing Efficiency**

Realize T+1 saving to account

**Strong/Easy/Fast Management**

Can check the cash retention status of each store through the system in real time

**Secure Liquidity**

**Solutions**



## Solutions of Cash Deposit and Cash Transportation

**Requirements**

Self-Service for Cashiers  
 • Deposit Revenues  
 • Get feedback immediately

Using cash deposit machine

Connect with SUNSON security cloud Service/client's back-end

Real-time Monitoring Cash Transportation: daily → weekly 3 times

Cash transportation and saving into account

Get daily report immediately

Required Labor Cost Down of Finance and Front Desk

**Background**

**Increasing Cost**

Key-client needs to delivery cash to bank branch or HQ daily

**Pressure from Bank**

Increased Bank's Requirement  
 Make liquidity problem

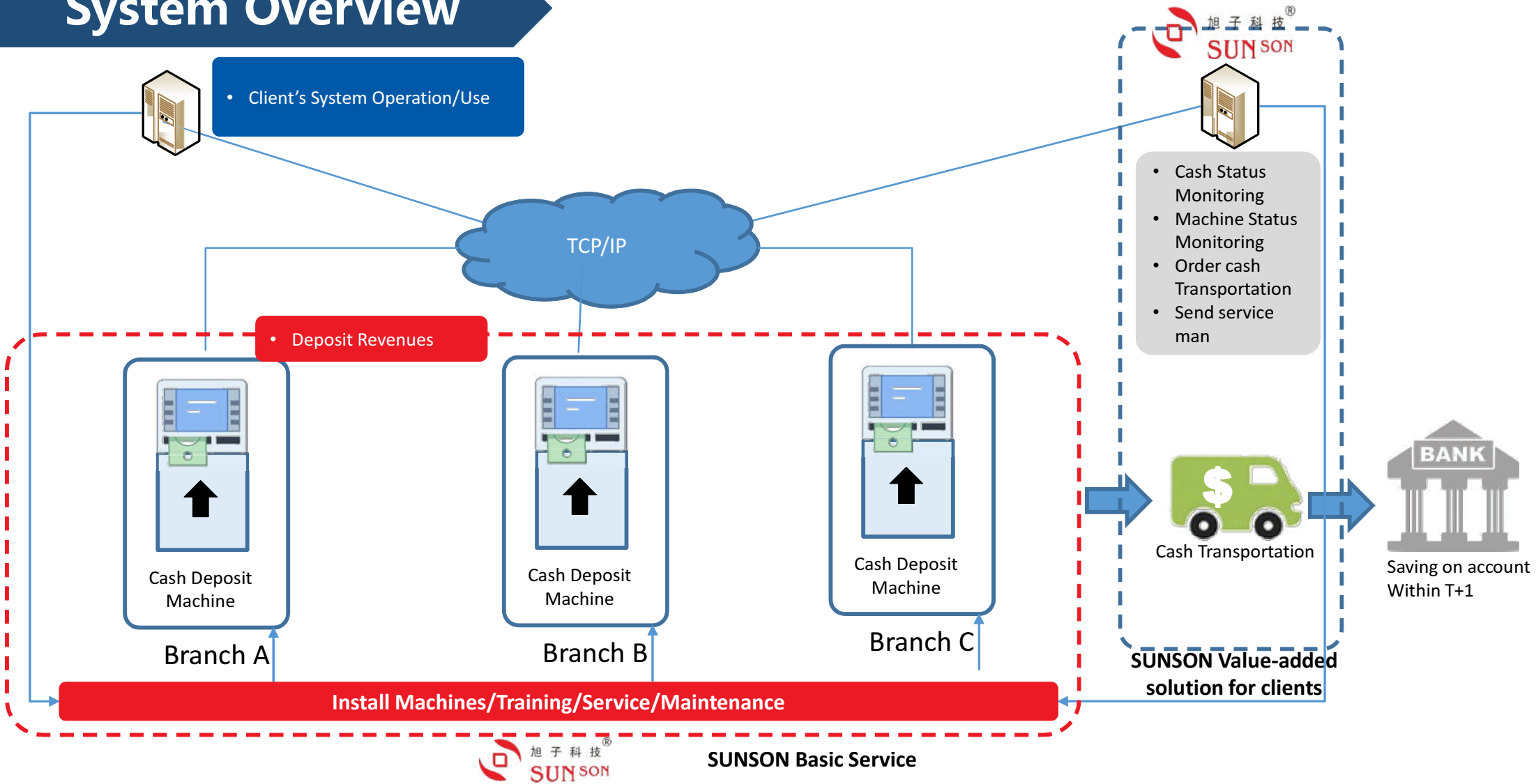
**Slow Accounting**

Accountant needs to collect cash from different cashier and re-check one by one.

**Reply on accountant**

Owner can know the daily revenue only after accountant report him

# System Overview



# SMART CDM Product Advantages

## National standard Equipment

The cash accepting machine can ensure the counterfeiting and counting functions' accuracy of banknotes reaching the highest national standards.



## Modular Design

It's easy and convenient to maintain, with extended functions including UPS power supply, coin storage, alarm system, fingerprint, barcode scanner.



## Large capacity

The cash bag can contain 10,000- 15,000 banknotes.



## Safe and Reliable

With dynamic password lock, UL authentication safety box, recording serial number function, 200W pixel camera recording the whole deposit process, and dispute can be traced.



## Intelligent and Efficient

It supports mixed denominations counting, the counting speed is over 700 notes per minute, and the maximum amount of notes can be 200 each time.



## Envelope Deposit

Support old banknotes, broken banknotes, cheque and so on to be deposited through the envelope.



## Flexible communication

Network cable, WIFI, 4G (mobile, telecom, unicom).



## Easy management Tools

The equipment status and transaction information can be mapped in real time through PC terminal, APP, and it makes a statistics report according to the date, branch number and employee's number.



# SMART CDM Technical Specs

Components	Specifications
Main control module	Android 5.1, quad-core processor, 2G memory, 8G hard disk
Screen	10.4 inches touch & display screen
Printer	Thermal printing, supporting graphics printing, text printing, automatic paper cutting, black mark detection, paper exhausted testing, anti paper jam function, paper width 80MM
Encryption module	Unionpay, national secret certification, with waterproof, dustproof, anti-leakage
Identification denominations	Support Multiples Currencies, please contact us to make sure we can accept your country currency.
Counting speed	≥720 Notes / min
Fake notes indentification	More than 10 kinds of fake notes detection techniques that include multi-spectral images, uv optical characteristics, magnetic characteristics analysis, infrared images, thickness checking, etc
Identify features	can detecte the missing parts of banknotes, holes, corners, writing on notes, oil stains, tape, and variable COINS (splicing COINS).
Cash in's capacity	200 Notes
cash out's capacity	100 Notes
Reject tray's capacity	100 Notes
Cash bag's capacity	10000 Notes ~15000 Notes
Cash bag	The cash bag comes with seal to increase the security and the bag material is made of special waterproof and anti-cutting bank's material
Equipment's size	430W*545D*1515H(mm)(l*w*h)
Package's size	580W*700D*1750H(MM)
Equipment's weight	169KG, gross weight175kg
Network access	Ethernet, WIFI, 4G (mobile, telecom, unicom)
Equipment power supply	220V(1±10%), 50Hz (1±5%)
Equipment power	300W



# Deployment Locations



# SMART CDM **Business Plan** -for reference

## • Phase 1

- Promote the SMART Cash deposit solution as a **Smart Safe Box for depositing and storing the cash.** where retailer owners will get the benefits of:
  - **Reduce end user operating cost**
    - End user can optimize their collection process through more effective planning, less time, and reduction of staff costs.
  - **Real Time Transaction Monitoring system.**
    - By using our backend software, customers are able to keep track of all the transactions happened over the kiosk, also monitor the cash & machine status remotely.
  - **Increase Cash Deposit security level.**
    - equipped with sensors, and can reject counterfeit, dilapidated and suspicious notes

## • Phase 2

- Integrate with banks or PSPs to **convert the Smart Safe box solution into Smart Cash Deposit solution by transfer the funds collected on the terminal to the owner bank account in real time.**
- Decide how the physical cash will be transport from the machine to the bank branch and whom will be responsible of the transportation process.
- **By availing the above 2 points the retailers will get the maximum benefits of SUNSON Cash deposit solution.**

Business  
plan





# Business Model and stakeholders

- Buy or rent sunson solution from investor or local partner to get benefits of using our **“SMART SAFE BOX”** in the first phase then Get the full advantages after successful connection with banks or PSPs for real time cash deposit. **“SMART CDM Solution”**

Retail owners

Investor / partner

- **Buy SUNSON Hardware and software solution and start propose it for Retail owners** depending on their connection/ exhibitions / or advertisements.
- Allocate a **small team of technician** to provide first line of **after-sale support**. “change faulty hardware parts”.

## For Phase 2 of the business plan

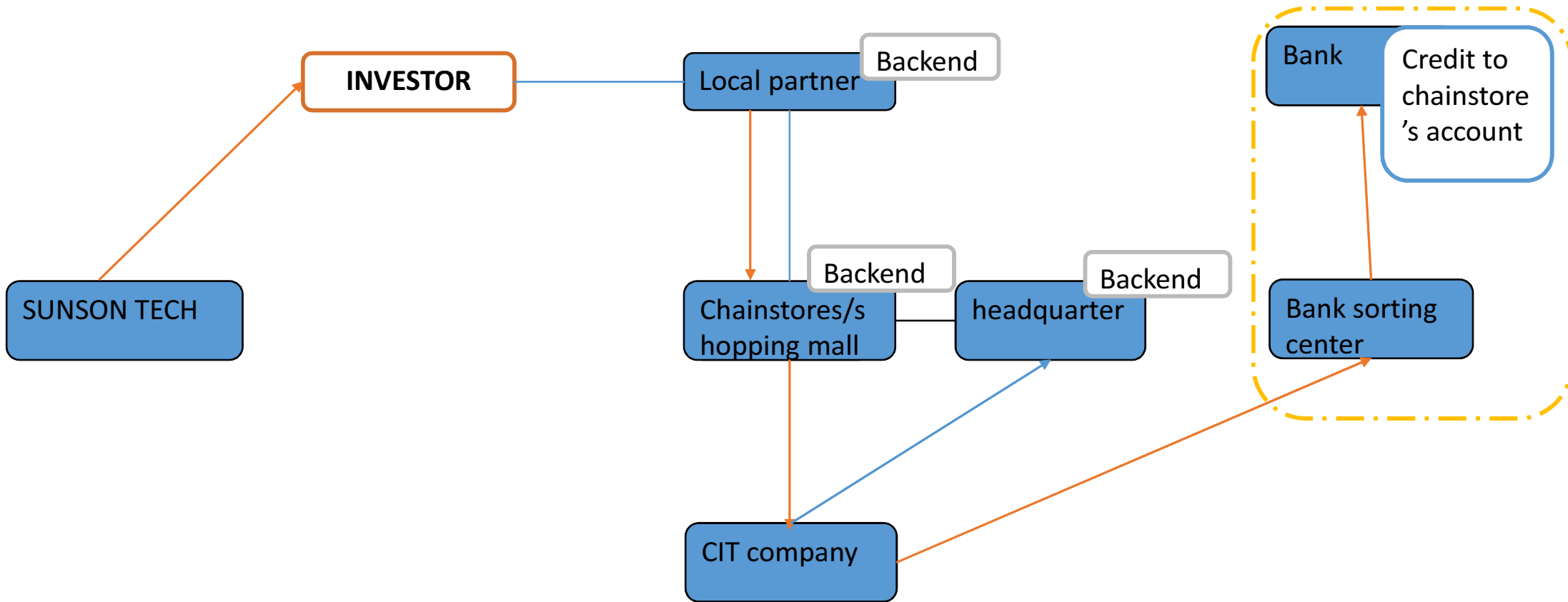
- This is for Phase 2, we need the bank or PSP Support to offer the **real time cash deposit feature** to our base customer to maximize the benefits of SUNSON Solution.
- Decide who will be responsible of **cash delivery** to the bank branch and how SUNSON Can integrate with Bank or PSP back end office for real time or batch file cash deposit.

Banks or PSPs

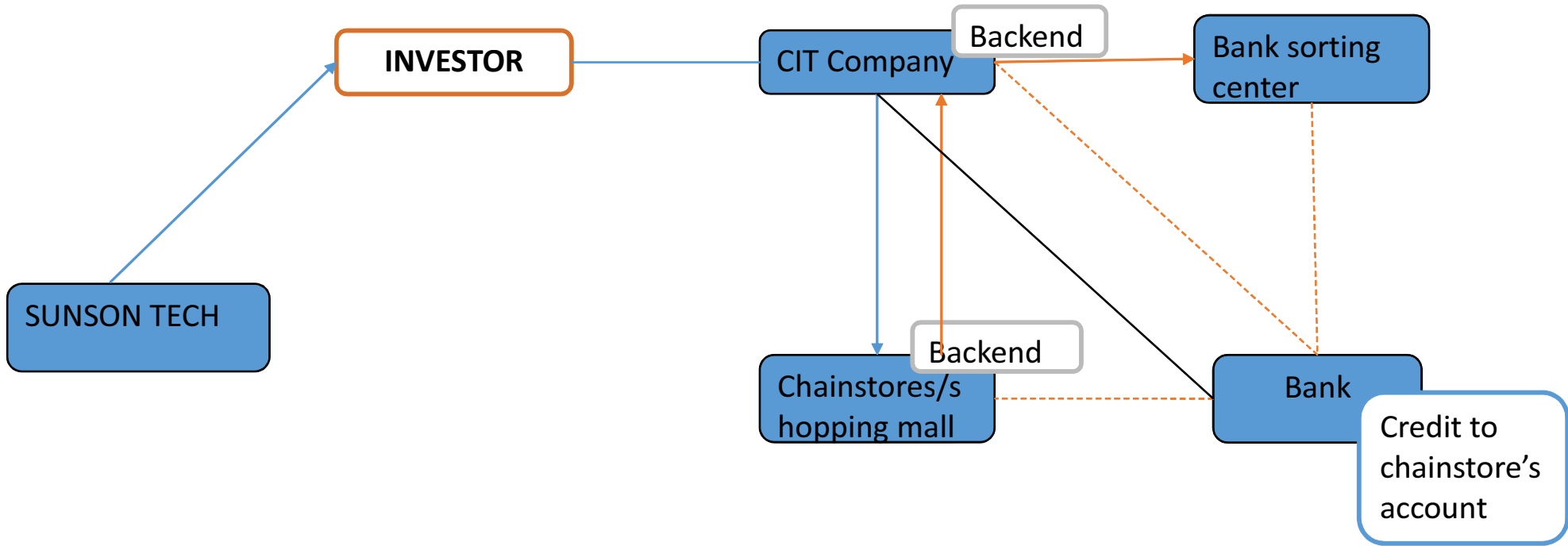
SUNSON TECH

- will Provide hardware equipment along with a full software solution to allow retailers:
1. **Decrease** the overall **operational cost**
  2. **Increase** the **efficiency and security** of cash deposit
  3. **Provide them with real time monitoring solution** to check the cash level in each branch and also monitor the transactions to be able to decide when the money should be deposited in the bank account.
  4. Provide **technical training** for partners
  5. Provide full **support on customizing and localizing the software** to meet each market requirements.

# Business Model 1



# Business Model 2



# SMART CDM **Solution Benefits**

- **Reduce end user operating cost**
  - End user can optimize their collection process through more effective planning, less time, and reduction of staff costs.
- **Real Time Transaction Monitoring system.**
  - By using our backend software, customers are able to keep track of all the transactions happened over the kiosk, also monitor the cash & machine status remotely.
- **Increase Cash Deposit security level.**
  - equipped with sensors, and can reject counterfeit, dilapidated and suspicious notes
- **Count Mixed banknotes.**
  - count up to 14 Mixed banknotes per second

Retail  
owners  
Benefits



# SMART CDM **Solution Benefits**

## Banks or PSPs Benefits

- Attract Key retailers players by offering a solution that facilitate the cash deposit and handling problem.
- Make more profit by charging transaction fees on each deposit transaction retailer will perform.
- Increase their brand awareness among retail industry.

## Investor / partner Benefits

- Get the profit from selling SUNSON Solution “Hardware and software” to retails owners.
- Get the profit from leasing SUNSON Solution “Hardware and software” to retails owners.
- Establish a new business that related to FIN-Tech industry.

# SMART CDM **Solution Functions**

- **Cash Deposit**
  - Support Multi Denominations deposit and up to 200 notes per transactions.
- **Envelope Deposit**
  - Support Envelope deposit for coins or non verified notes (that the cash counter can't accept it)
- **Terminal monitoring system**
  - A real time monitoring application to monitor the machines status and auto reporting whenever it goes out of service or having any module failure.
- **Cash Status level**
  - A real time application to show the store owner the cash level store in each machine.
- **Issue a trouble shooting ticket**
  - In case of any hardware failure the store owner has the ability to issue a troubleshooting ticket to ask for maintenance service.
- **Order Cash transportation service**
  - Ask either the bank / the 3rd party transportation company / or even staff to remove the safe bag from the machine and deliver it to the bank for physical cash delivery.

And so more functions and reports can be generated upon customer requests.

**SUNSON**  
Software  
solution  
Functions



**PROCAPT**