

**CEC 中电金融**

**China Electronic Financial Equipment  
Systems (Shenzhen) Co., Ltd**

# COMPANY INTRODUCTION

2026.04



# CONTENTS

**01 BASIC INFORMATION**

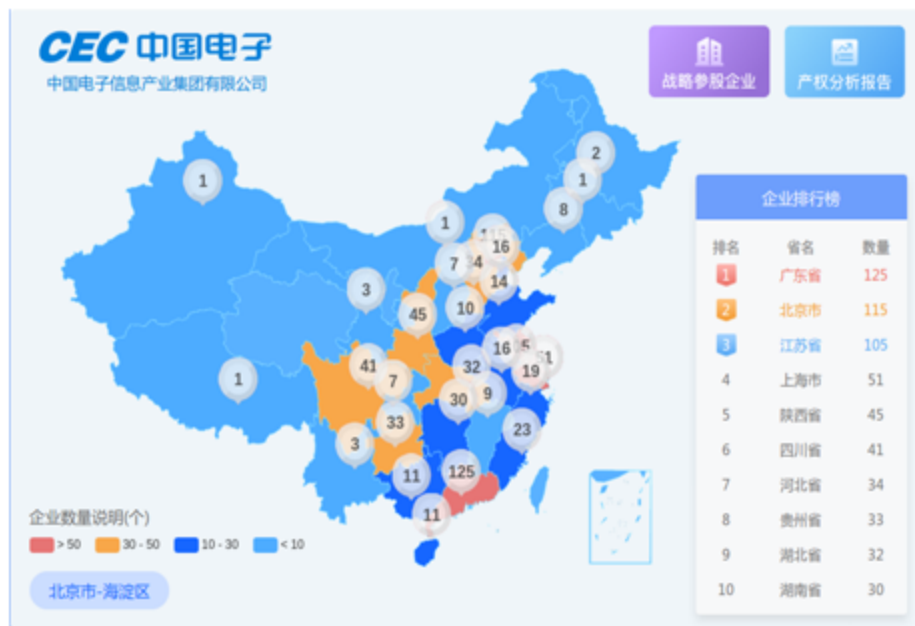
**02 PRODUCT INTRODUCTION**

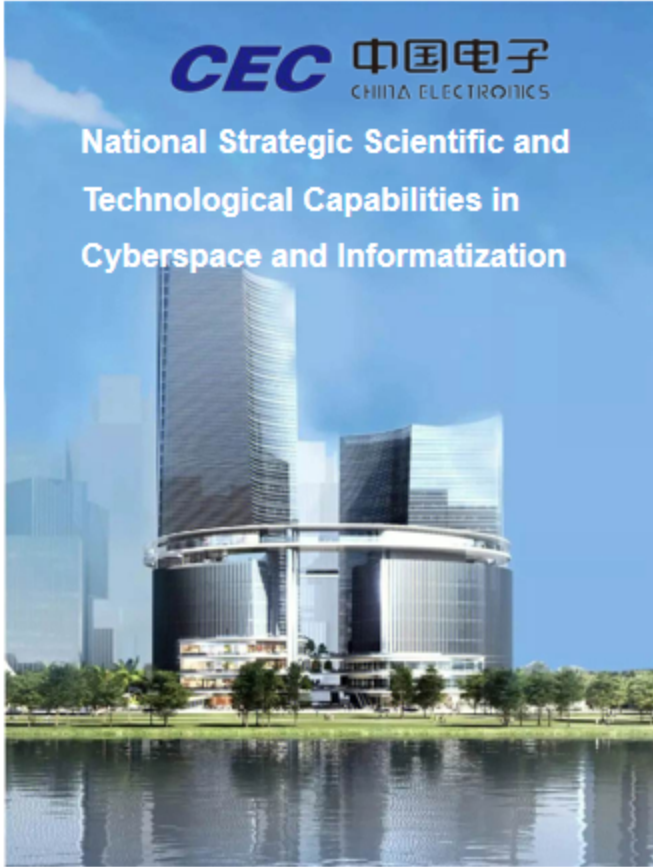


China Electronics Corporation and Hitachi Group established a

- CEC originated from the Communication Materials Factory established by the Central Red Army in 1931. Under the strong leadership of the CPC Central Committee, the State Council, and the CMC, it has now developed into a leading enterprise in China's electronics information industry with the most complete system and the most comprehensive industrial chain layout.
- In 2024, the company's revenue exceeded **300 billion** yuan, and it has been ranked among the World's Top 500 Companies for 14 consecutive years, with a total of 210,000 employees.

**27 listed companies, 663 affiliated enterprises, business operations covering 30 provinces and municipalities across China, and spanning more than 60 countries across six continents.**





National Strategic Scientific and Technological Capabilities in Cyberspace and Informatization

## The 6th Research Institute of China Electronics Technology Group (CETC-6)

An Overall Unit in Network and Information Security, and a Core Force in Industrial Control Security.





## China Electronic Financial Equipment System (Shenzhen) Co., Ltd

As a pivotal platform enabling China Electronics Corporation (CEC) to deeply empower the financial industry, the entity was officially established in January 2016 with a registered capital of 220 million yuan. Inheriting technological expertise from Hitachi Group (a Fortune Global 500 company) in the financial sector, it has built its foundation on self-developed localized core banknote processing modules. By integrating core strengths and resources, the entity holistically develops full-stack digital financial service capabilities, supporting the financial industry in achieving autonomous, secure, and sustainable high-quality development. It drives intelligent transformation in financial operations and services while elevating the overall information security standards of China's financial ecosystem.

**Vision:** To deliver smart, intelligent products and advanced integrated digital operation solutions in currency handling, striving to be the industry's top-tier supplier and service provider.

Unit: 10,000 Yuan

Shareholding Structure	Company Type	Contribution Amount	Contribution Ratio
 China Electronics Corporation	Central State-Owned Enterprise	11,220	51%
 Hitachi Group	Foreign-Invested Enterprise	10,780	49%
Total Registered Capital		22,000	100%

**We are the national team of China's financial industry construction, focusing on the financial industry for thirty years, escorting China's banking industry intelligence process!**

## ■ Corporate Positioning

- ◆ A member of the CEC Group, a central state-owned enterprise and part of the national team
- ◆ Vehicle for the implementation of the Group's strategy in the field of financial technology
- ◆ Intelligent financial products and services provider for the whole industry chain

## ■ Industry experience

- ◆ Professionalism and dedication for 30 years since the 1990s
- ◆ Serving over 3000 domestic and international financial institutions
- ◆ In-depth participation in the intelligent construction of China's Big Six state-owned commercial banks/joint-stock commercial banks

## ■ Core competencies

- ◆ Banking Full Stack Solution Specialist
- ◆ Intelligent Risk Control | Digital Operation | Scenario-based Financial Product Custom Development
- ◆ Industry-leading solutions and products provider

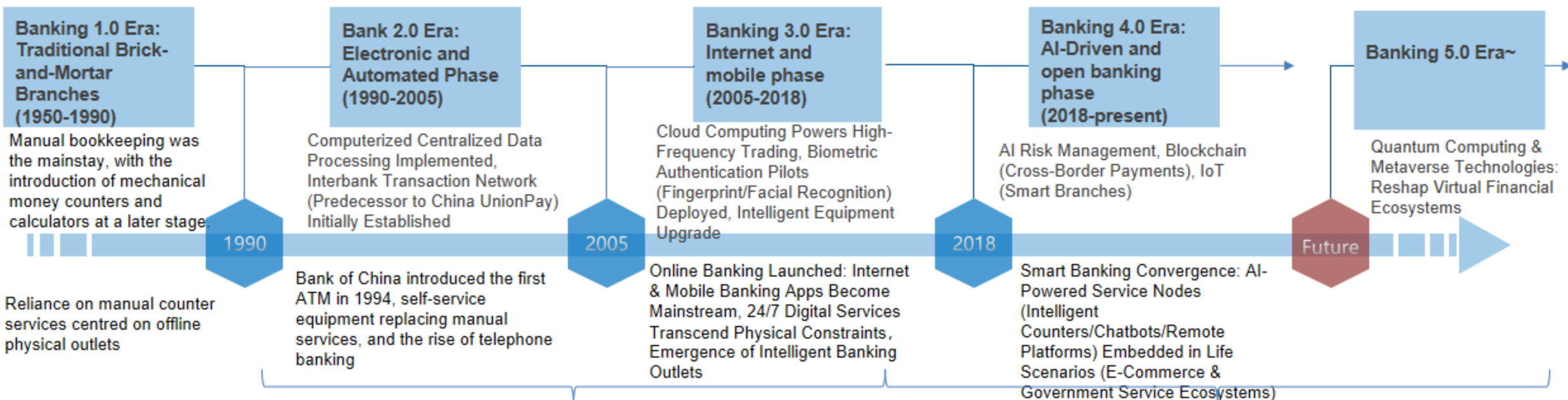
## ■ Core Competency

- ◆ Whole Industry Chain Capability: R&D→Production→Sales→Service Vertical Closed Loop
- ◆ Self-contained technology: core modules **100% developed in-house** | more than 500 cash machine patents
- ◆ National Engineering Research Centre for Industrial Control System Information Security Technology, Financial Machinery Research Sub-centre, top 1% of the industry in technological innovation capabilities

**To assist the development of the financial industry with the responsibility and commitment of a central enterprise; to build an intelligent financial infrastructure with its own core technology.**

# Industry Expertise: CFES participates in the whole course of China's banking industry information construction

CEC CFES



Reliance on manual counter services centred on offline physical outlets

Products offered by Hitachi Financial (Predecessor to CFES)

Automated Teller Machine  
Cash Dispenser



Cash Recycling System, Super Teller Machine, Inquiry Machine, Card Issuance Machine, Smart Delivery Machine



Products offered by CFES

High-Speed Integrated Teller Machine, Virtual Teller Machine, Foreign Currency Exchange Machine, Teller Cash Recycler, Intelligent Cash Allocation System



A comprehensive management system, aligned with international standards, covers design, supplier management, production control, delivery, and customer service.



ISO 9001 –  
Quality Management



ISO 14001 –  
Environmental Management



ISO 45001 –  
Occupational Health & Safety



ISO/IEC 27001 –  
Information Security



ISO/IEC 20000 –  
IT Service Management



ISO 28000 –  
Supply Chain Security



ISO 14021  
–Environmental  
Declaration (Type II)



GB/T 27922 – Service  
Certification (Post-Sales)



ITSS – Information Technology  
Service Standards



CMMI Level 5 – Process  
Maturity Certification



High and New  
Technology Enterprise  
(HNTE)

Covers core certifications in the ATM industry, including domestic PBOC and CCC certifications, and international ones such as EMV, PCI DSS, and UL. Its compliance and security have gained global recognition.



China Compulsory Certification



PCI DSS Certification



EMV Level 2 Certification



EMV Level 1 Certification



EN Certification for Safes



UL Certification



Security and Police Equipment Testing



Commercial Cryptography Product Certification



PIN Pad Shield Certification



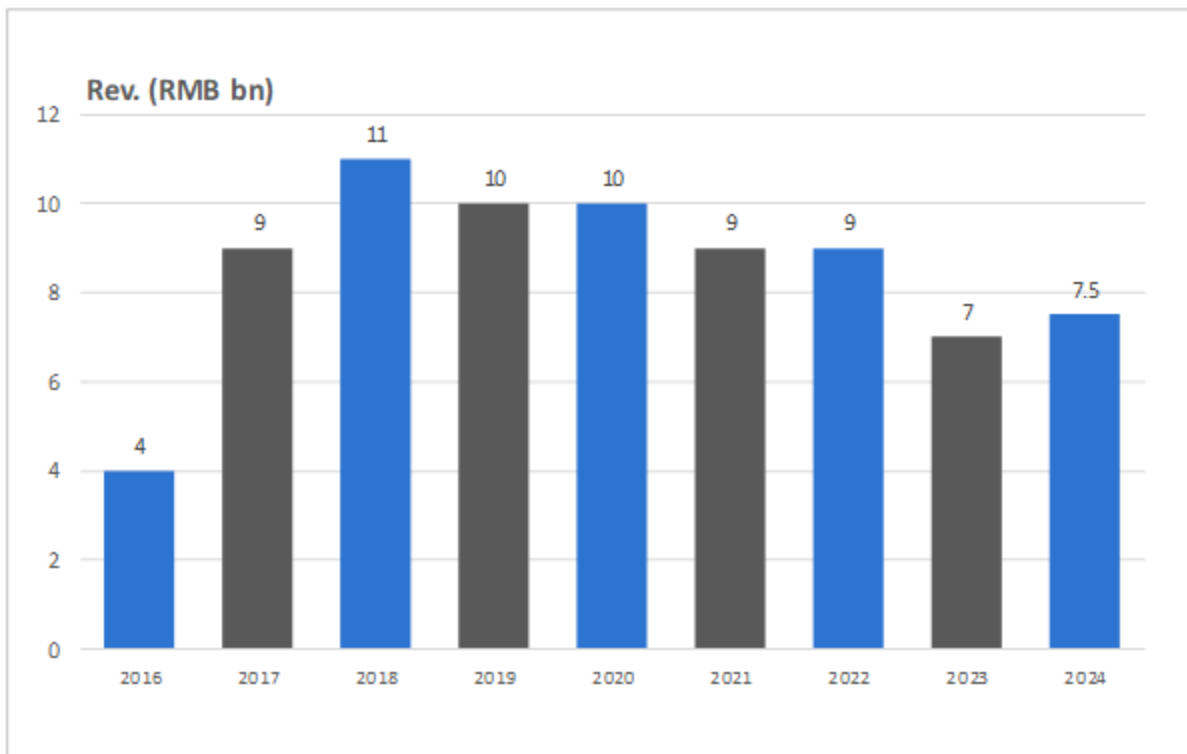
PBOC FI Standard Certification L1



PBOC FI Standard Certification L1



FinTech Product Certification



Financial Cash Handling Equipment: Ranked **Top 2** Nationally in Market Share;

Cumulative Revenue Exceeded **RMB 8 Billion** by 2024

By 2024, CFES had shipped over **100,000** financial cash equipment units globally, including **55,000+** in international markets.

Financial Services: **Over 40,000** Post-Warranty Maintenance Devices

Cumulatively Served **Over 3000** Financial Institutions with Coverage Across **All Provincial-Level Regions of China**, Including Hong Kong and Macao, and expanded operations to overseas markets across Southeast Asia, the Middle East, and Latin America.



Cash Cassette  
**1000k units/year**



Core Module  
**100k units/year**



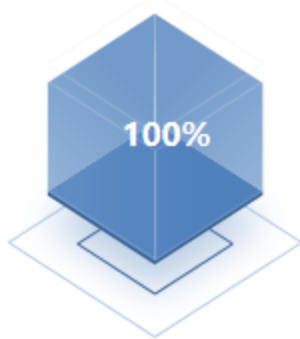
Self-service devices  
**50k units/year**



Smart Operations Terminal  
**1000k units/year**

With large-scale manufacturing capabilities ranging from core components of intelligent devices/equipment to complete machines and system-integrated products, supported by a **20,000-square-meter** production facility.

By aligning with differentiated strategic objectives—state-owned mega banks leading in fintech investments, joint-stock banks driving innovation, and regional banks intensifying local market focus—we have attained 100% autonomous market coverage across all banking segments, encompassing every city and region nationwide (including Hong Kong and Macao).

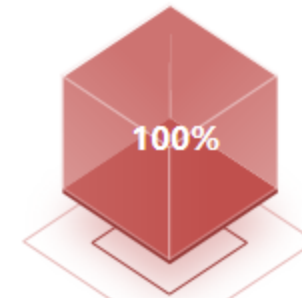


Six Major State-Owned Banks  
All Selected



Provincial-Level Rural Credit  
Cooperatives (RCCs) and Rural  
Commercial Banks (RCBs)

2864 Shortlisted



Nationwide Joint-Stock Commercial  
Banks  
All 12 Selected



City Commercial Banks  
(CCBs)

Over 50 Shortlisted, Including  
HongKong and Macao



Achieving **100%** coverage across all regions of China (including Hong Kong and Macao), every city, and all categories of banking clients.

**Northern China region,  
East China region,  
South China region,  
Western region,  
Central-South China region**

- ★ 24/7 Instant Response Assurance Service
- ★ Nationwide Coverage with Hundreds of Service Centers
- ★ Service Engineers on Constant Standby



# CONTENTS

01 BASIC INFORMATION

02 PRODUCT INTRODUCTION

## Critical Components



- Friction mechanism
- CS-TOP
- IOMC
- UTTF
- UTTR
- Banknote Authentication Module

## Central Assembly Unit



- Cash dispensing module
- Cash cycling module
- Recycling Cassette
- Industrial PC
- Encrypting Pin Pad
- Automatic Passbook Issuance Module
- Automatic Card Ejection Module
- ID Document Reading & Recognition Module
- Smart Instant Card Issuance System**

## Self-Service Banking Terminal



### Intelligent Terminal

- Automated Teller Machine Cash Dispenser
- Cash Recycling System
- High-Speed Integrated Teller Machine
- Smart Integrated Terminal**
- Virtual Teller Machine
- Foreign Currency Exchange Machine
- Smart Delivery Machine

### Biometric Scanner

- AI Training and Inference Integrated Machine**



### IoT Edge Terminal

- Intelligent Locker (with Biometric Auth)
- Smart Cash Case (with RFID Tracking)
- Intelligent Cash Allocation System
- RFID Batch Scanning Terminal
- Automated Physical Delivery Machine

### AI-Powered Service Robot

## Banking Technology Systems & Integrated Cash Management Solutions



- ATM Cash Inventory Management System
- Teller Assistant Platform (TAP)
- Intelligent Cash Distribution System
- Smart Cash Case Circulation System
- Critical Asset Inventory System
- Digital Teller Avatar System
- RPA Digital Workforce System
- AI Multimodal Large Model Solution**
- Video Storage Solution
- Financial Data Blu-ray Heterogeneous Backup Solution

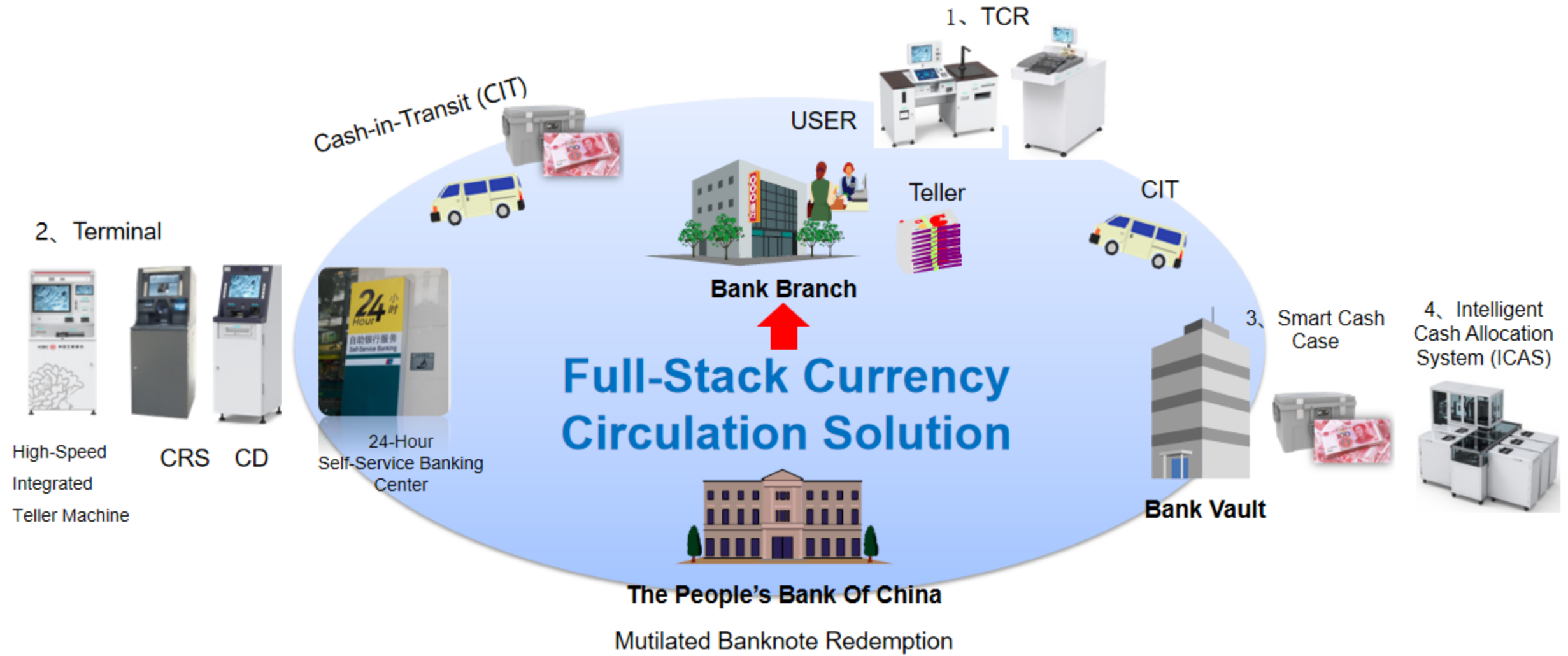
## O&M Services

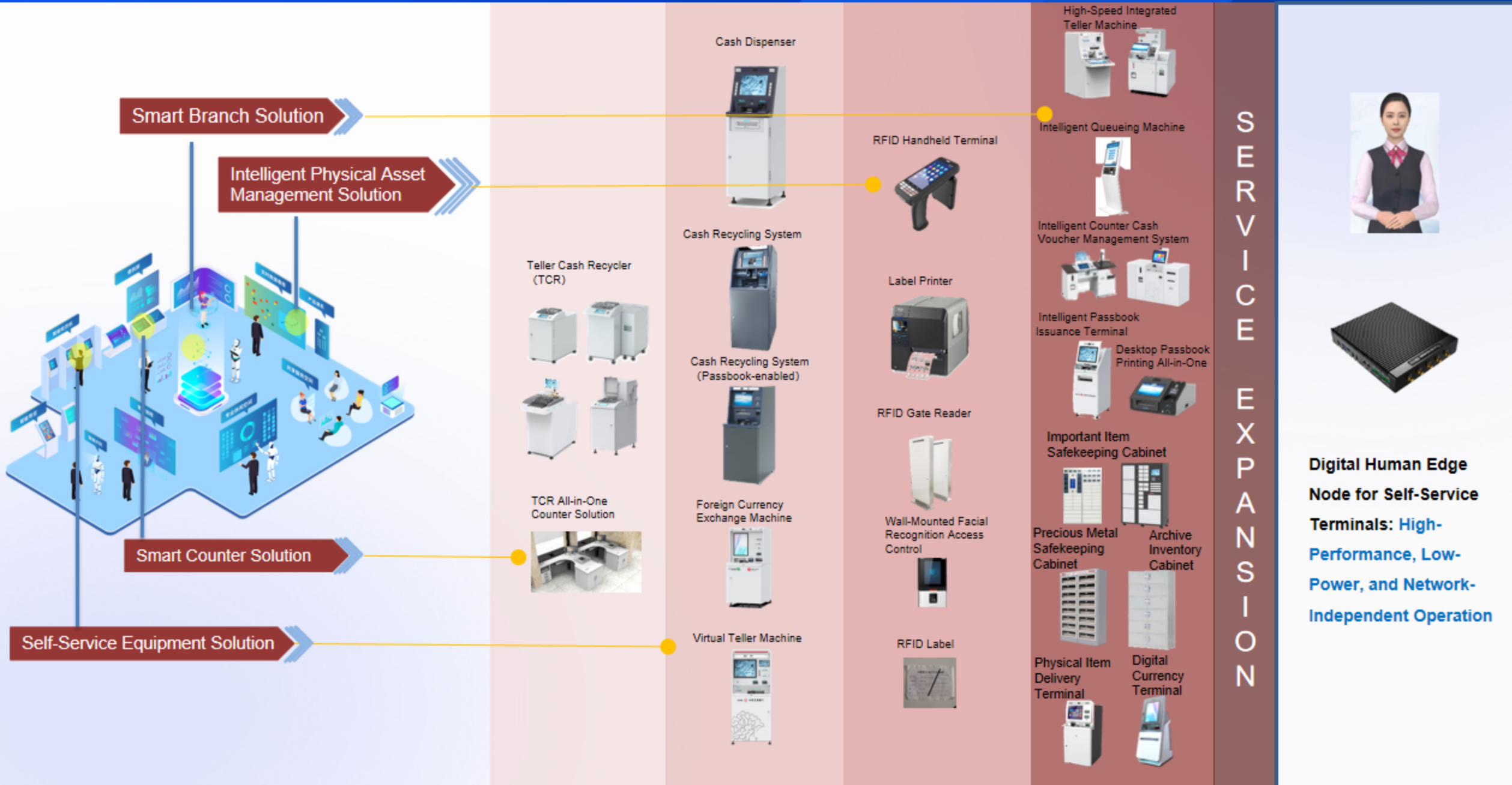


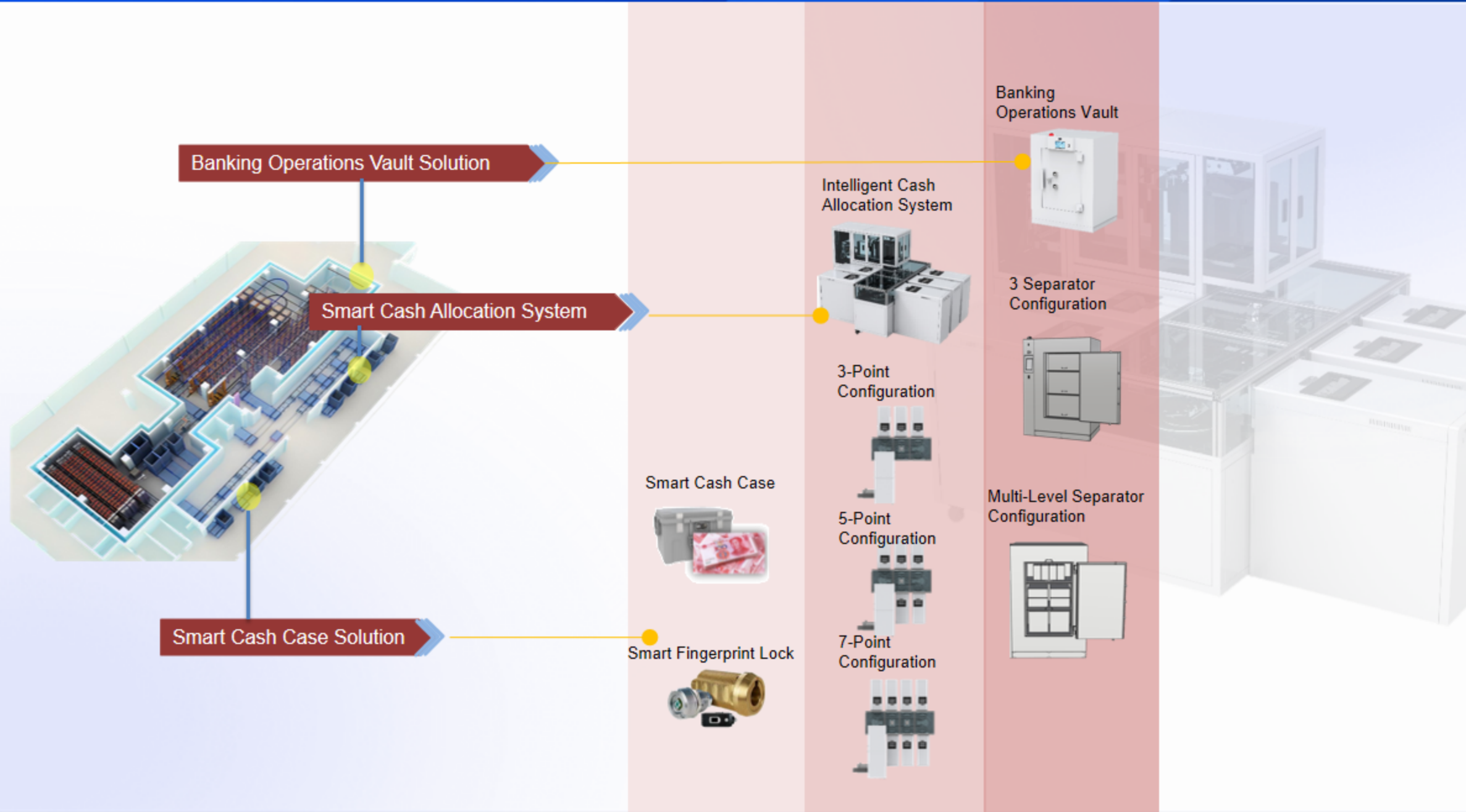
- O&M Deployment
- Unified Monitoring & Alerting Platform
- Intelligent Knowledge Base System
- Predictive Spare Parts Management System
- Reverse Logistics Management Platform

Upstream

Downstream







## "AI + Finance" Drives Financial Innovation and Leads the Intelligent Future

Intelligent Guardians of Financial Scenarios



Monitoring Center



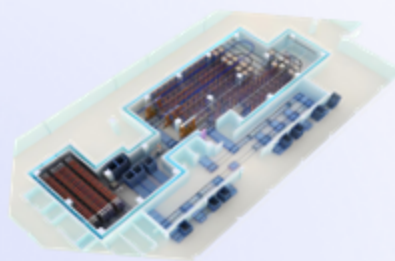
Bank Branch



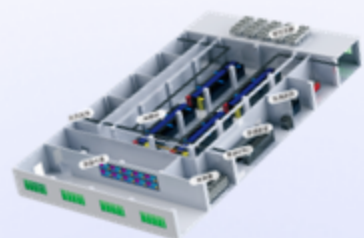
Comprehensively Empowering Core Banking Business



Self-service Area



Vault



Data Center

### AI Servers



Professional Version-32b



Flagship Version-70b



Full-Power Version-671b

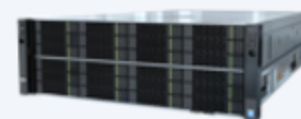
### AI Training and Inference Integrated Machine



Basic Version - 100 Channels



Standard Version - 200 Channels

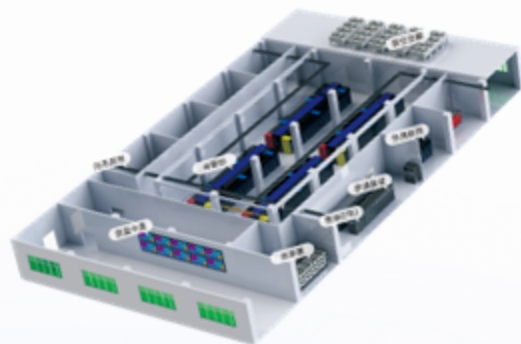


Professional Version - 300 Channels



Flagship Version - 1000 Channels

## "Critical Data" Always Accessible and Active



Data Center/Server Room

Inorganic Phase Change Material



Distributed nodes

Immune to Environmental Interferences



PB level CD library

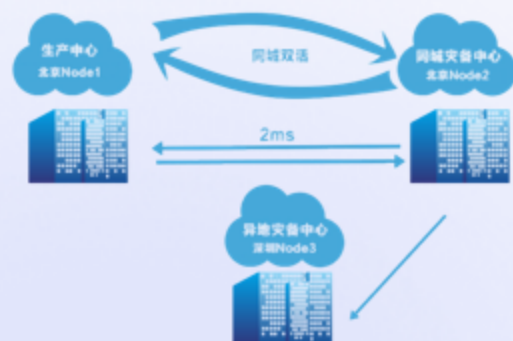
BD Open Technology

Self-Controllable

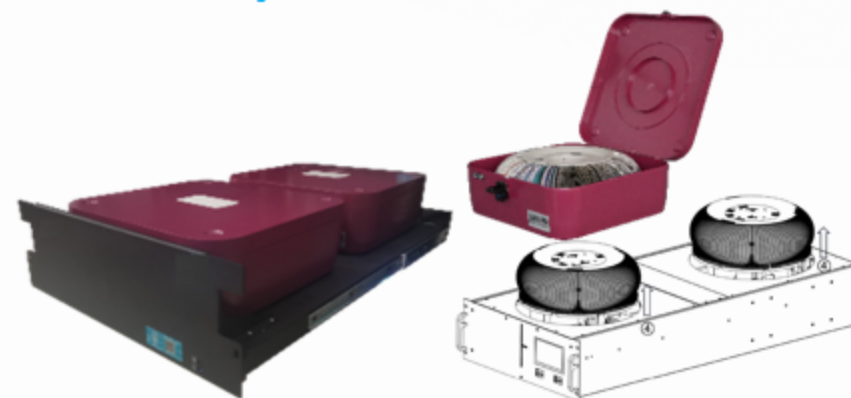
Ransomware & Tampering Protection

Unlimited Scalability

Write-Once, Centuries-Long Readability

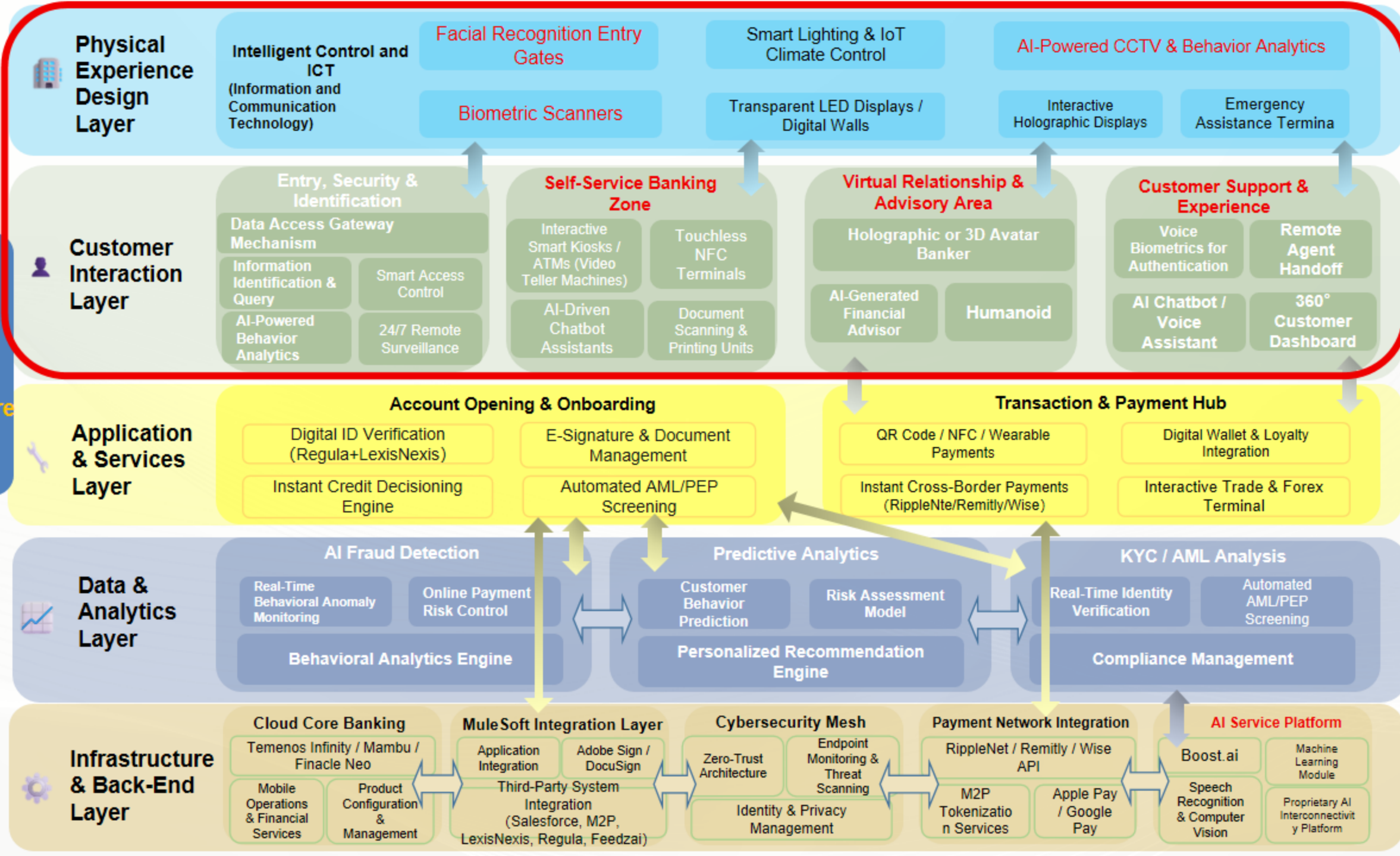


Disaster Recovery Management



Offline storage of CD cages in remote locations

**Digital Banking Functional Architecture Diagram**



## 1. High-Efficiency Cash Handling

- 8 notes/sec dispensing speed | 100-note capacity per transaction
- 4x3,300-note cassettes | Auto-retrieval for forgotten cash and Non-Compliant Cash Dispensing

## 2. Security & Design Integrity

- UL/CEN-certified vault | PCI/EMVCo compliance
- Tunnel-shielded keypad | E-ASD anti-skimming system
- Ergonomic layout | Energy-optimized power supply

## 3. Advanced Transaction Protection

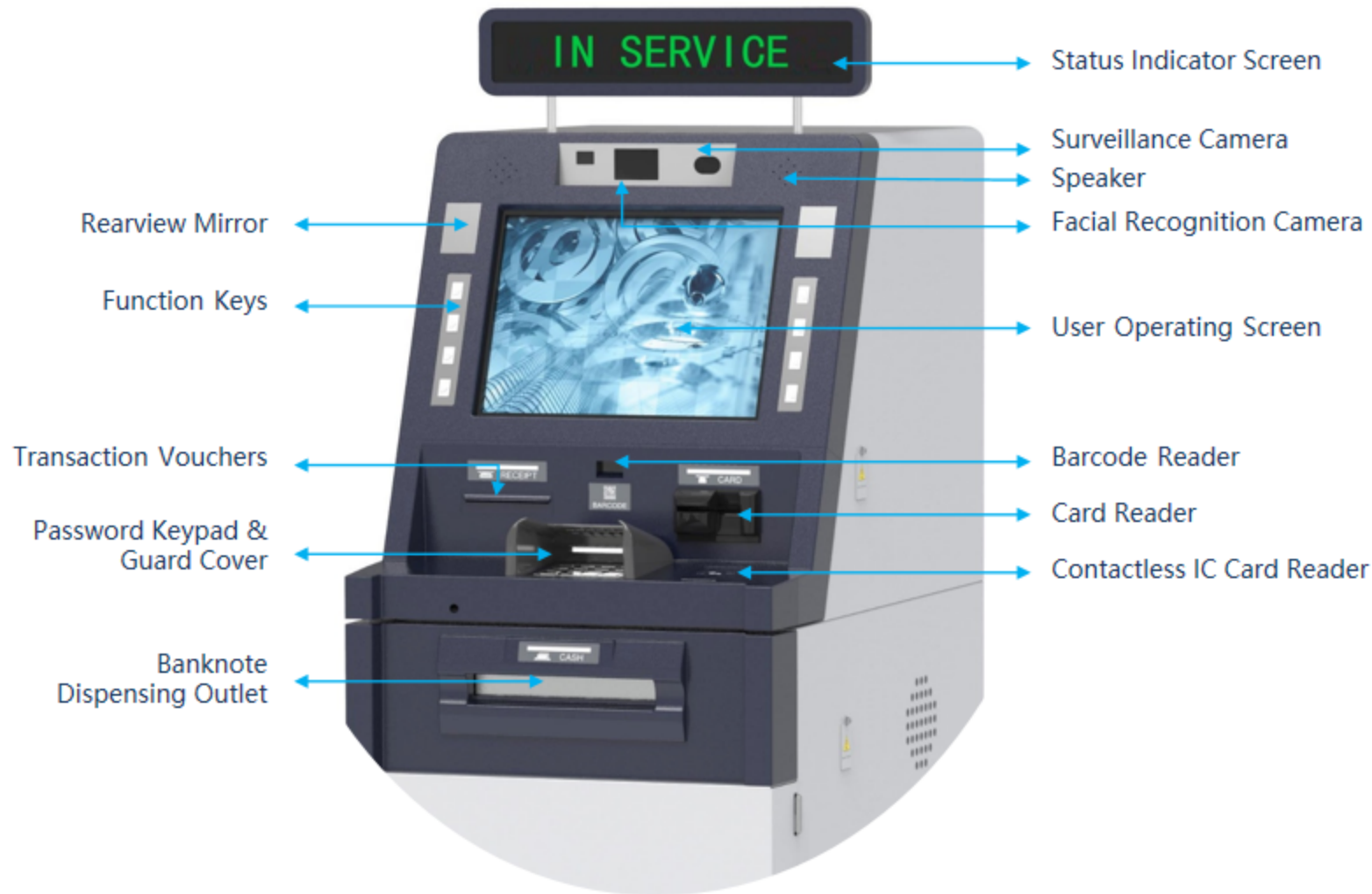
- Anti-skim card slot (Lebanese loop detection)
- Jitter card entry mechanism
- Banknote Serial Number Recognition (Optional)

## 4. Modular Customization

- Optional add-ons:
  - Biometric verification (facial/fingerprint)
  - NFC/QR code scanners
  - ID validation
  - Operation Status Indicator Screen



Foot Height: Adjustable from 50mm to 130mm



This diagram includes all optional modules. Actual configurations are subject to the configuration sheet.

## 1. High-Efficiency Cash Handling

- 10 notes/sec dispensing speed | 300-note capacity per transaction
- 5x3,000-note cassettes | Auto-retrieval for forgotten cash and Non-Compliant Cash Dispensing

## 2. Security & Design Integrity

- UL/CEN-certified vault | PCI/EMVCo compliance
- Tunnel-shielded keypad | E-ASD anti-skimming system
- Ergonomic layout | Energy-optimized power supply

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  - Operation Status Indicator Screen



Appearance a



Appearance b

Appearance for reference

Breaking traditional boundaries, this terminal integrates **basic banking, account opening & card issuance, and document processing** into one, transforming core counter services into a 24/7 self-service solution.

### *1. Fast Account Activation*

*5–8 min for opening + instant card issuance (zero barriers for new users)*

### *2. Document & Instrument Handling*

*Check/bill processing + paper scanning/archiving (boosts efficiency)*

### *3. Simplified Daily Transactions*

*Deposits, withdrawals, transfers, account inquiry, and password reset in one stop*

### *4. Remote Video Support*

*One-click to connect with live agents for complex issues*

*(convenience + professionalism)*

### **Value for Stakeholders**

**Banks:** Lower labor costs, expand coverage, divert counter traffic, focus on high-value services.

**Users:** 24/7 access, no queues, fewer trips, efficient task completion



# Looking Forward to Collaborating with You to Build a Brighter Future!



[www.cec-fes.com/](http://www.cec-fes.com/)

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