

The Parktron logo is displayed in a white diamond shape. It features the word "Parktron" in a dark blue, sans-serif font. A red curved line is positioned under the "P" and extends slightly to the left.

Parktron



*Your reliable
Parking system
& Payment Kiosk provider*

About Parktron

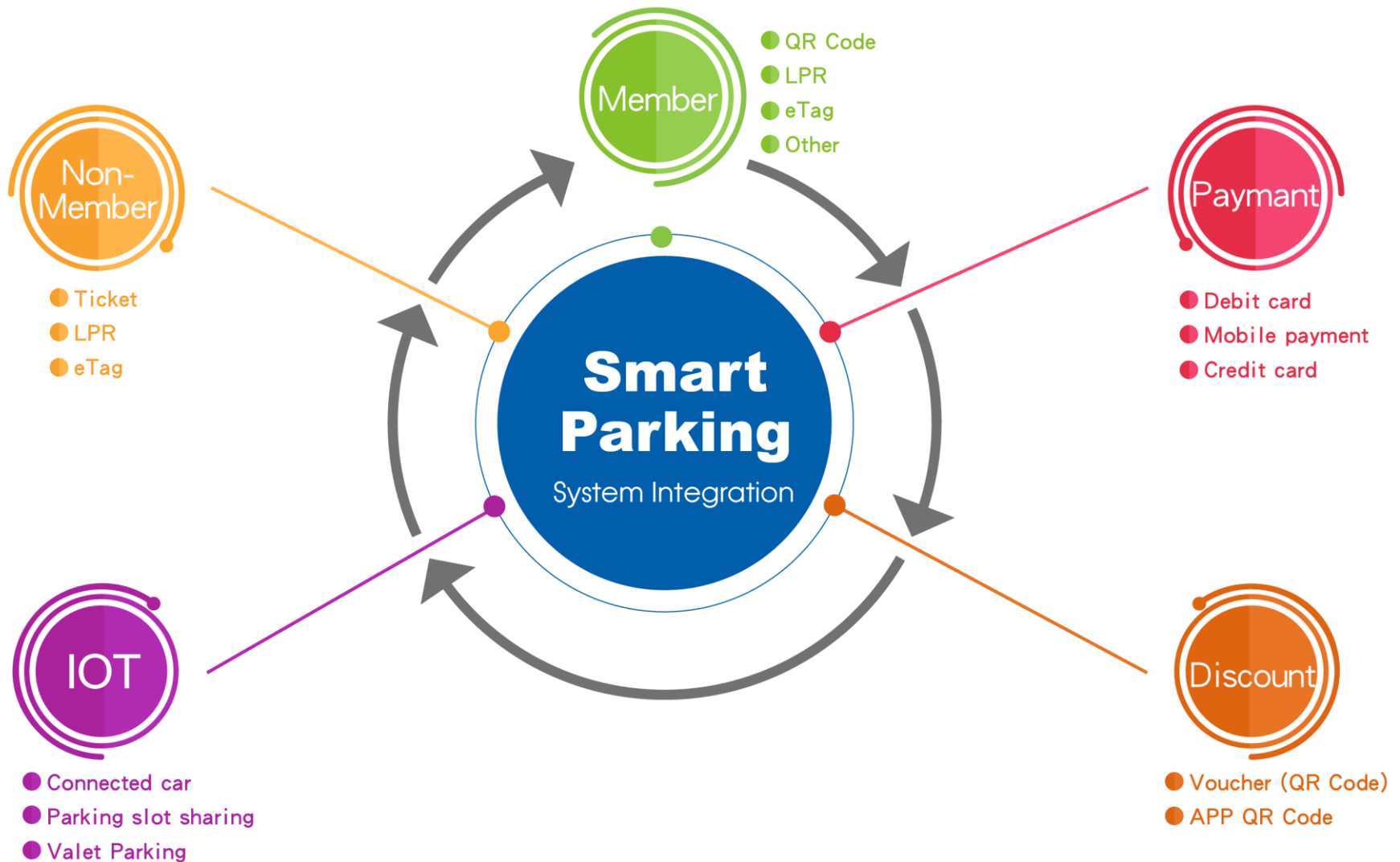


Company

- ◆ Established : July 2001
- ◆ Staff : 100
- ◆ Brand : Parktron
- ◆ Products :
 - Parking Revenue Control System
 - License Plate Recognition System
 - Parking Guidance and Car Finding System
 - Parking Discount Solution
 - One Card Hotel Solution
 - Payment Kiosk

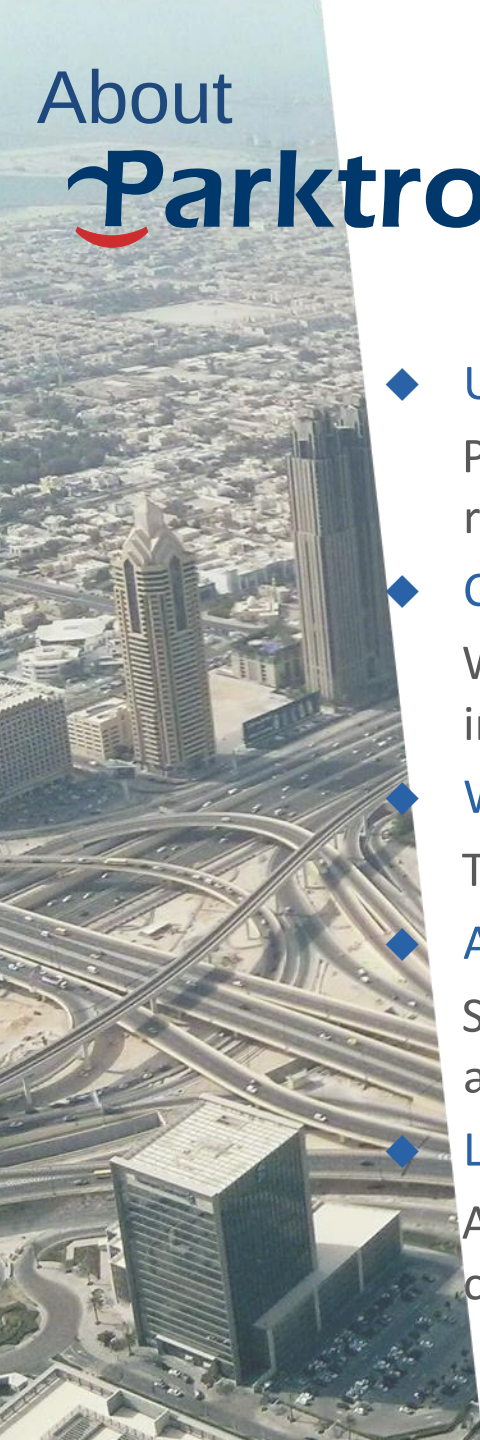


Parktron IPMS System Integration





Factory
Parktron



About Parktron

Our Strength

- ◆ **Use Quality Parts**

Parktron carefully select important parts to maintain a quality and reliable product.

- ◆ **Customization & Integration**

We design and develop our own system, so any customization or integration is possible!

- ◆ **Wide Product Range**

To fulfill any scales and types of parking requirement.

- ◆ **Advanced Technology**

Stay at a leading position by adopting the latest technology & application in the industry.

- ◆ **Language Interface is Easy to Change**

As long as a display text table gets translated properly, our system can be easily switched & displays another language right away.

The background image shows a parking entrance with orange and black barriers, yellow and black bollards, and a paved area. In the background, there are buildings with Arabic signage, including "فئة نوم" (Bed Category), "430,000", "DAY", and "النهار". A large, semi-transparent blue diamond shape is overlaid on the image, with the word "Products" centered within it.

Products

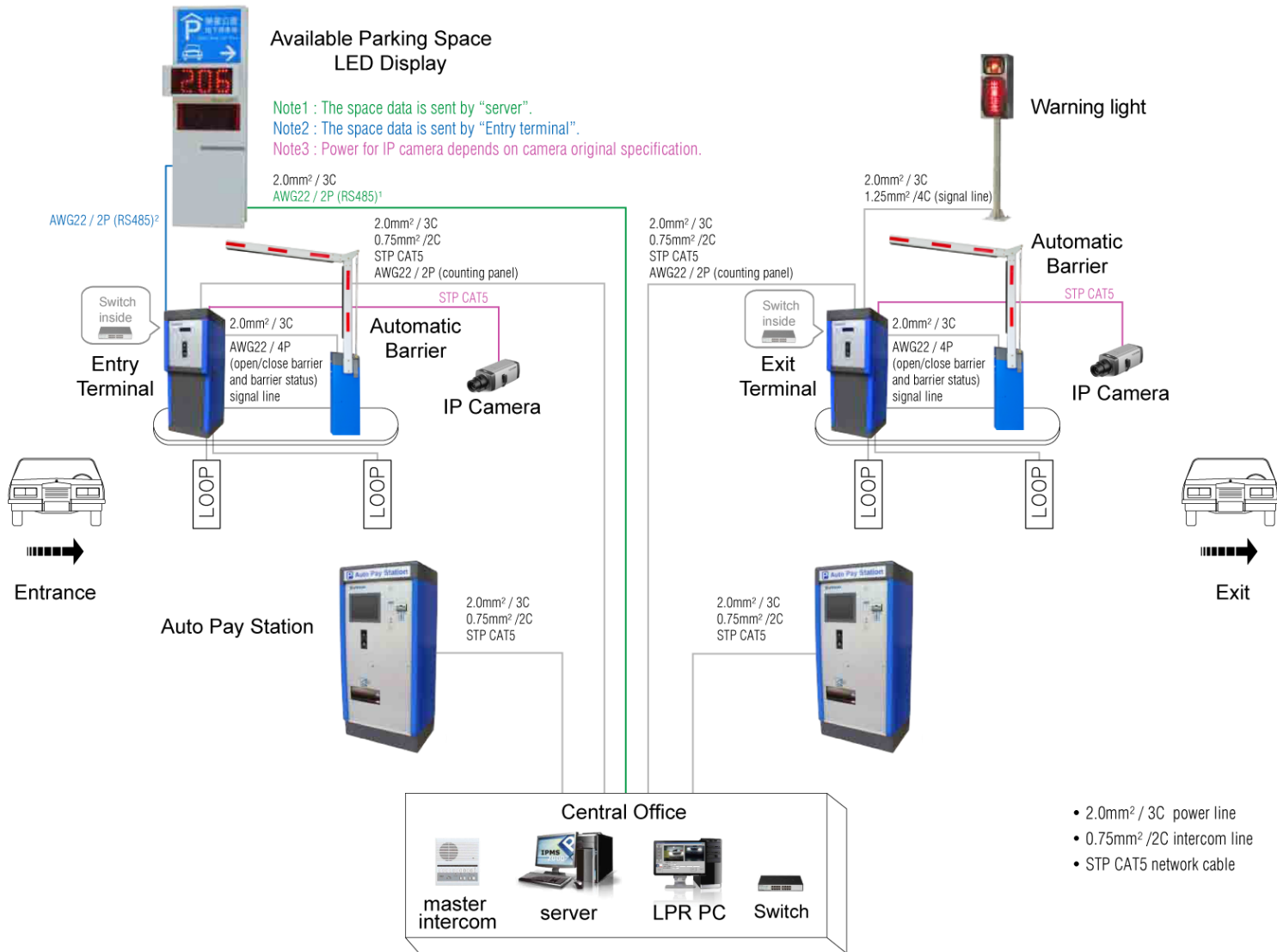
Advanced
Parking system

Intelligent Parking Management System(IPMS2000)



- ◆ Entry Terminal
- ◆ Cashier Station (POS)
- ◆ Auto Pay Station
- ◆ Exit Terminal
- ◆ Central Management Server Station
- ◆ Barrier Gate
- ◆ Standard Ethernet CAT-5 Cable
- ◆ Control Cable (4P)

System Architecture



Entry Terminal

■ CENT209



● Key Features:

- ✓ Text display and voice instructions.
- ✓ Real time alarm monitoring and alert to the Central Management Server such as cabinet intrusion/collision, ticket low/empty, device/communication errors ...etc.
- ✓ Offline standalone operation
- ✓ In case of power interruption or need to reboot system, restart takes only about 10 seconds after power restore/reboot command given.
- ✓ Mifare® card reader (wall mount type) for season card (subscriber) system. (optional).

Cashier Station / POS

■ CCST209

Fee Display
(VFD)



Receipt Printer

Mifare Card Validator

Cashier Drawer

- **Key Feature (POS Application S/W):**
- Administration login :
- Username/Password login or authorization card required.
- Multiple authority levels can be applied for configuring different group of system functions.
- Parking rate configuration downloaded from server such as time zone, holidays, complimentary time, grace time...etc.
- Fee calculation on lost tickets.
- Discount selection such as amount, percentage, hours.
- Operator shift report.
- Membership card reader (optional).

Auto Pay Station

■ CAPS209



● Key Feature:

● Banknote Acceptor/Collector:

- ✓ Multi-width and four-way validation.
- ✓ Single-Stacking Cassette with security lock (Capacity: 1000 notes).

● Coin Acceptor:

- ✓ Automatic safety shutter only opens when awaiting for payment.
- ✓ Accept multiple coin types in one single slot.

Coin Hopper:

- ✓ Standard 3 (max. 4) coin hoppers for different denomination storage & providing 3 (max. 4) coin change.
- ✓ A storage size of 500~1000 coins per hopper depends on coin size.

Exit Terminal

■ CEXT209

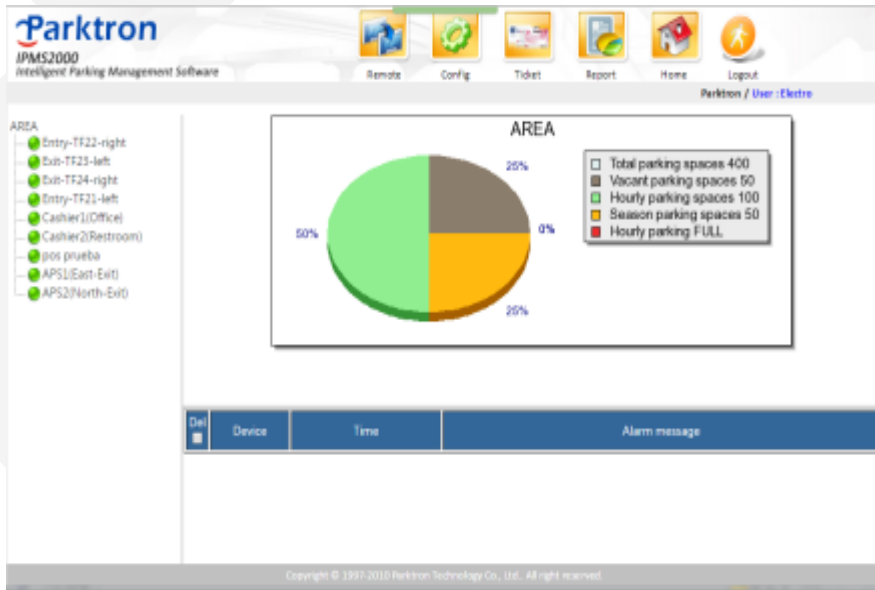


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IPMS (WEB interface)

■ Main Interface



■ Operating System: Windows 7 and above,
database: MS SQL.

■ Support concurrent remote login of
multiple users.

● Status Monitoring:

- A pie chart of occupancy status.
- An alarm table of instant alarms.
- A system tree chart for individual device status.

● Remote Control:

- Hardware reset or software reboot of all linked devices.
- Various commands to remote control linked devices.

● Setup: Device configuration, parking area, parking rate, holiday, discount, operator account, authorization level

● Reports: Daily/Monthly revenue, Daily/Monthly traffic flow, Shift reports...etc.

IPMS (WEB interface)

■ Device Status

Entry-TF22-right

Current ticket quantity

Ticket reload quantity

Barrier gate status ☒ Close ☐ Open

Ticket reader status ☒ Connected ☐ Disconnected

Cabin door status ☒ Close ☐ Open

Exit-TF24-right

Recycled ticket quantity

Barrier gate status ☒ Close ☐ Open

Ticket reader status ☒ Connected ☐ Disconnected

Cabin door status ☒ Close ☐ Open

APS1(East-Exit)

Cash details

Total cash amount

Banknote 1	Banknote 2	Banknote 3	Banknote 4
32			
Coin 1	Coin 2	Coin 3	
50	221	194	

Device status

Ticket reader status ☒ Connected ☐ Disconnected

Cabin door status ☒ Close ☐ Open

Bill dispenser 1

Bill dispenser 2

Discount coupon received

Cashier1(Office)

Operator

Total cash amount

Ticket reader status ☒ Connected ☐ Disconnected

IPMS (WEB interface)

■ Remote Control

Remote Control

Parking area	Parking Device	Command
All area(s)	All device(s)	Lane open
AREA	Entry-TF22-right	Lane closed
	Exit-TF23-left	Open gate
	Exit-TF24-right	Close gate
	Entry-TF21-left	
	Cashier1(Office)	
	Cashier2(Restroom)	
	pos prueba	
	APS1(East-Exit)	
	APS2(North-Exit)	

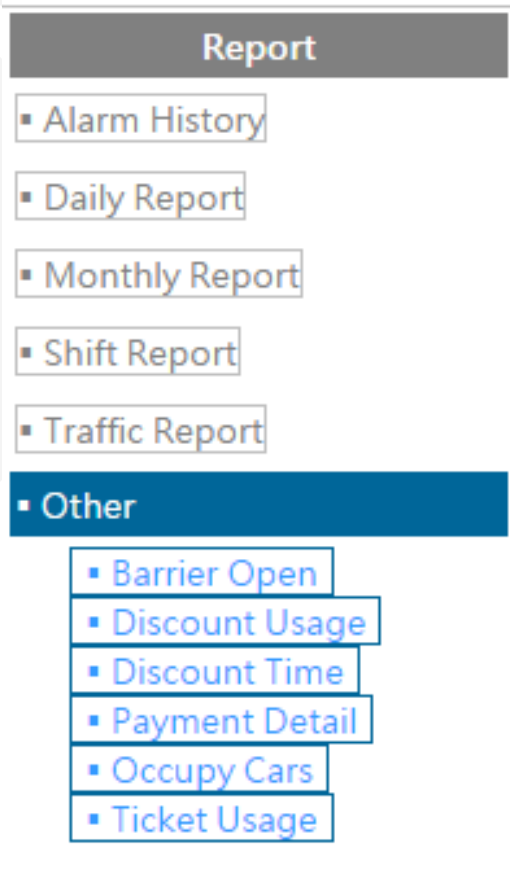
Command

Device Status			
Drive lane	Gate arm	Payment	Connection
			

- Open/close barrier remotely.
- Adjust basic system configuration.

IPMS (WEB interface)

■ Reports



- Alarm History, Daily Report, Monthly Report, Shift Report, Traffic Report.
- Discount Usage, Discount Time, Payment Detail, Occupy Cars, Ticket Usage.
- Can be customized according to request.

Ticket Types

- Mifare S50 IC inside provide the most secure data read/write; no data printing on tickets.
- Re-usable up to 8,000 times (Mifare card); 100,000 times (chipcoin)
very cost effective & environmental friendly!

Mifare IC card



Standard: 350 cards capacity.

Optional: 700 cards capacity

Chipcoin



Regular chipcoin



Visual chipcoin
(day/time can be showed)

Standard: 550 Chipcoin capacity.

Optional: 2,000 Chipcoin

cost of barcode ticket is higher 100 times than chipcoin >>

Barcode ticket consumption: 1,000,000 transaction x 0.03 USD (barcode ticket)=USD30,000

Chipcoin consumption: 1,000,000 transaction/25,000 (25% of life) x8 USD=USD320

Handheld Device (Cashier POS or Discount Validator)



- ◆ Integrated with **IPMS2000**.
- ◆ Ideal for **Mifare IC** card & **Chipcoin** parking system

- ◆ Keypads for operation with receipt printer.
- ◆ Two types of software supported:
 - Used as a handheld **mini-POS** device with mobility.
 - Used as a **Discount validator** to apply different types of discounts.

Discount Validator (Single discount type)

- ◆ Works for Mifare IC card & Chipcoin system.
- ◆ Pre-programmed single discount type.
- ◆ Ticket data read & discount data write to ticket.
- ◆ Standalone operation.



License Plate Recognition System (LPR2000)

- ◆ Integrated with IPMS2000; Ethernet connected
- ◆ Global license plate support

IPMS2000



License Plate Recognition System (LPR2000)

- ◆ Integrated with **IPMS2000**; Ethernet connected
- ◆ Global license plate support
- ◆ Plate no. encoding into ticket for verification at exit
- ◆ Search & pay by plate no. at Auto-pay station



Intelligent Parking Locator & Guidance System (iPLG2000)

1. Entry : LPR and encoding car no. into ticket



2. Locator : after parked, IP cam will capture license plate and send data to back-end server



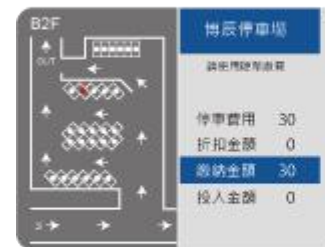
3. Search system : find card location by car no. or ticket



Car searching KIOSK

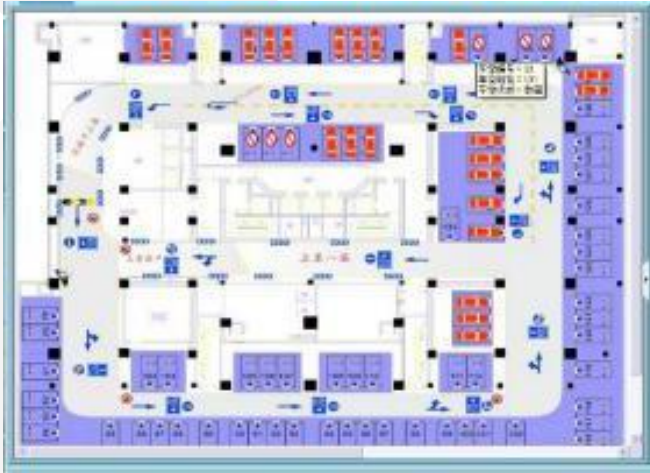


4. APS : auto-pay system with ticket or car no.

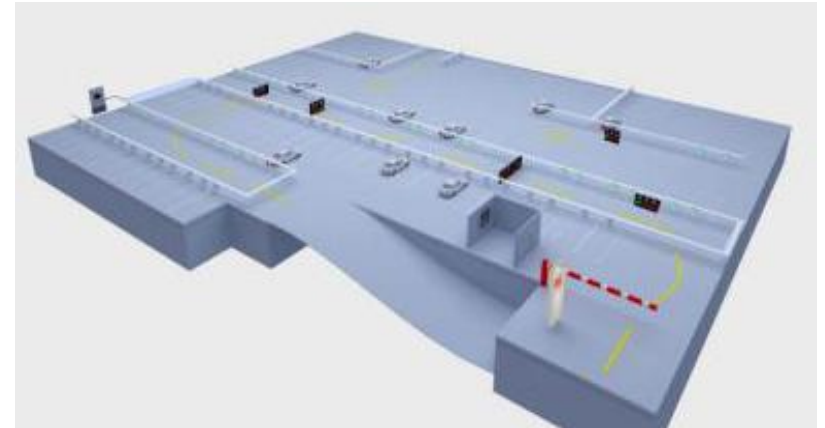


Intelligent Guidance System

◆ all info showed on dashboard



◆ 3D display



◆ User friendly LED display panel



Solutions

Parking solutions
for your business needs



Global Business



New

● Dubai

Bluewaters, Dubai



Entry

Terminal : 8

Exit

Terminal : 5

POS

: 5

APS

: 12

New

● Dubai

Al Maryah Central, Dubai



Entry

Terminal : 12

Exit

Terminal : 11

POS

: 1

APS

: 36

New

● Dubai

Marsa Al Seef, Dubai



Entry

Terminal : 5

Exit

Terminal : 5

APS

: 16

● Dubai

City Walk, Dubai

- ◆ Chipcoin Parking System
- ◆ Multiple parking areas
- ◆ Parking Spaces: 1,400

Entry Terminal : 23

Exit Terminal : 21

APS : 23

Discount : 105



Al Shindagha Carrefour Mall (City Center Mall), Dubai

● Dubai



- ◆ Chipcoin Parking System
- ◆ Multiple parking areas
- ◆ Parking Spaces: 3,600

Entry Terminal : 5

Exit Terminal : 5

APS : 2



Monastir Airport, Tunisia



- ◆ Mifare IC Card Parking System
- ◆ Multiple parking areas
- ◆ Parking Spaces: 300

Entry

Terminal : 3

POS

: 2



Hajj Terminal, Jeddah Airport, Saudi Arabia

Saudi Arabia ●



- ◆ Barcode Parking System
- ◆ Multi-layer parking areas
- ◆ Parking Spaces: 500

Entry Terminal : 4

Reader Terminal : 4

POS : 4

New

Resort World – NewPort City Manila, Philippines

● Philippines



Entry

Terminal : 3

Exit

Terminal : 6

POS

: 6

APS

: 8

City of Dreams Mall, Philippines

● Philippines



- ◆ Mifare IC Card Parking System
- ◆ Mifare IC card subscriber system
- ◆ Parking Spaces: 3,000

Entry Terminal : 4

Exit Terminal : 4

POS : 2

APS : 2



Vivo City Shopping Mall, Vietnam



- ◆ Mifare IC Card Parking System
- ◆ Multi-layer parking areas
- ◆ Parking Spaces: 400

Entry Terminal : 3

POS : 3



Myanmar ●

Myanmar Center, Myanmar

- ◆ Mifare IC Card Parking System
- ◆ Multi-layer parking areas
- ◆ Parking Spaces: 4,000

Entry Terminal : 3

Reader Terminal : 3

APS : 5

POS : 2

LPR : 3



Tesco Mutiara Damansara, Malaysia



- ◆ Magnetic Hourly Parking System & Monthly (subscribed) Parking System
- ◆ Discount Validation System
- ◆ Parking Spaces: 800

Entry Terminal : 4

Exit Terminal : 4

POS : 1

APS : 3

Discount Station : 40



Plaza Panoramica, Guadalajara, Mexico

Mexico ●



- ◆ Mifare IC Card Parking System
- ◆ Discount Validation System
- ◆ Parking Spaces: 250

Entry Terminal : 1

Exit Terminal : 1

POS : 1

APS : 2

Mexico

Walmart, Mexico

- ◆ Chipcoin Parking System
- ◆ Discount Validation System
- ◆ Parking Spaces: 250

Entry Terminal : 3

Exit Terminal : 2

POS : 1

APS : 4



Pradera Shopping Mall, Guatemala



- ◆ Mifare IC Card Parking System
- ◆ Multi-layer parking areas
- ◆ Parking Spaces: 300

Entry Terminal : 2

Reader Terminal : 7

POS : 1

Taipei Track & Field Stadium Taipei



- ◆ Magnetic Hourly Parking System
- ◆ License Plate Recognition System – 6 lanes application
- ◆ Parking Spaces: 774

Entry Terminal : 4

Exit Terminal : 4

POS : 2

APS : 8



Living Mall, Taipei



- ◆ Chipcoin Hourly Parking
- ◆ Mifare IC card Monthly (subscribed) Parking
- ◆ Parking discount validator solution to shopping POS system
- ◆ Parking Spaces : 1,600

Entry Terminal : 12

Exit Terminal : 12

POS : 2

APS : 12

Discount Validator : 220

Taipei Shangri-La's Far Eastern Plaza Hotel



- ◆ Mifare Visual Card Hourly Parking System & Contact less ID Card (Mifare) Monthly Parking System
- ◆ License Plate Recognition System
- ◆ Discount Validation System
- ◆ E-coupon Parking Discount
- ◆ Parking Spaces: 500

Entry Terminal : 3

Exit Terminal : 3

POS : 1

APS : 5

Discount Station : 30

BELLAVITA Department Store



- ◆ Magnetic Hourly Parking System & Monthly (subscribed) Parking System
- ◆ Integration to the shopping POS system
- ◆ Parking Spaces : 180

Entry Terminal : 2

Exit Terminal : 2

POS : 1

APS : 4

Discount Station : 2

New

New Parking System & Payment Kiosk

Payment anywhere with Parktron



Smart parking

智慧停車



Smart Retail

智慧零售



Smart Hospital

智慧醫療



Smart School

智慧學校



Smart fueling

智慧加油



Key Parts Integration

- ✓ More than 16 years integration experience with payment key parts, such as coins, banknotes validator, Hopper...
- ✓ Software & Hardware
- ✓ Mechanical design



Multiple Payment & Discount Support

- ✓ Flexible Platform to support multiple payment & discount integration
- ✓ Prepaid card
- ✓ NFC (mobile payment)
- ✓ QR code



Smart Parking

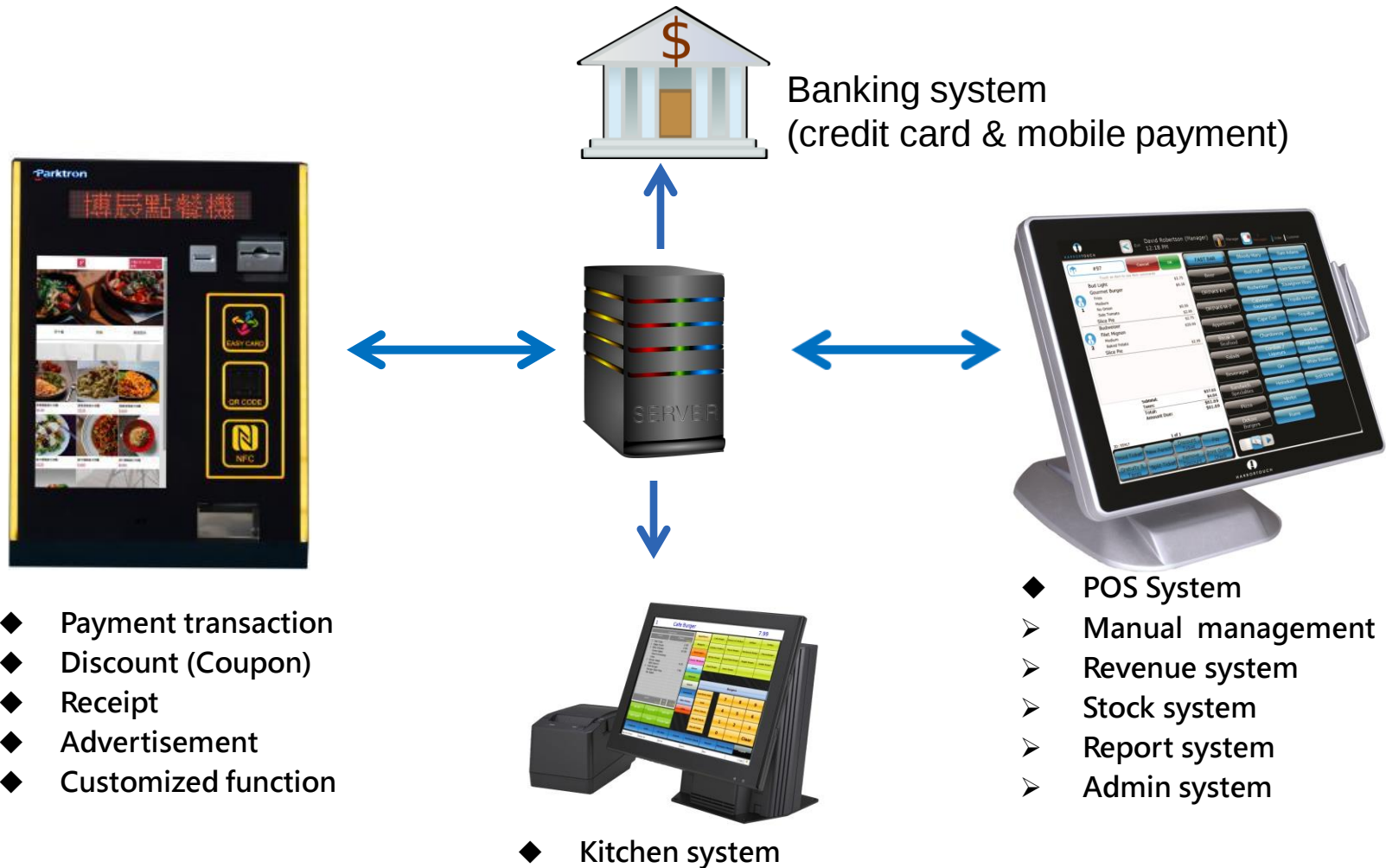


Smart Retail

- ❑ Web based multiple function Payment Kiosk for retail market
 - ✓ Enhance Order/Payment system of restaurant
 - ✓ Easy to integrate with existing POS system
 - ✓ Multiple languages support
 - ✓ Powerful report system
 - ✓ Remote search & editing
 - ✓ Cash inventory check
 - ✓ Multiple payment
 - ✓ Bills & coins recycle change
 - ✓ Playing Ads
 - ✓ Intuition interface
 - ✓ High security



Smart Retail – System Architecture

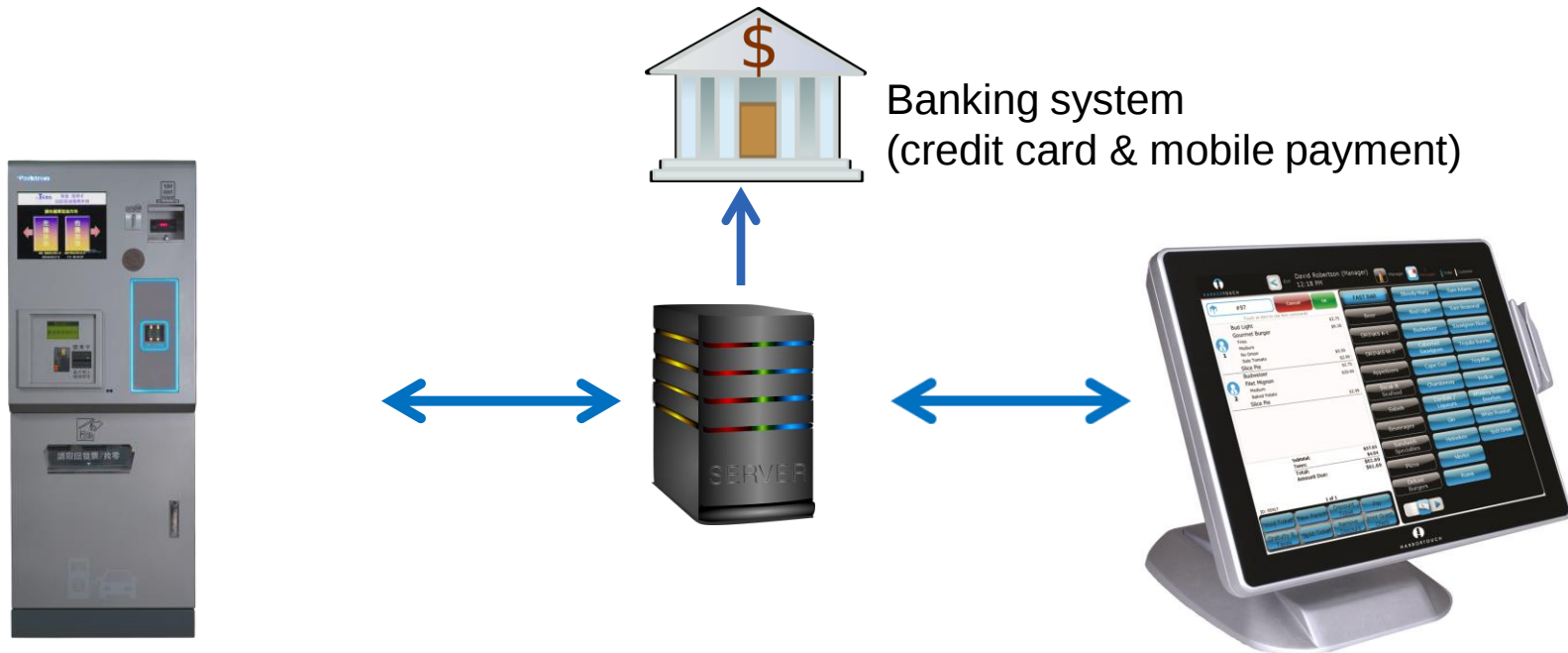


Smart Fueling

- ❑ Web based multiple function Payment Kiosk for Gas Station
- ✓ 24 hrs self service fueling machine
- ✓ Flexible fueling mode switch
- ✓ Easy to integrate with existing POS system
- ✓ Powerful report system
- ✓ Cash inventory check
- ✓ Multiple payment
- ✓ Bills & coins recycle change
- ✓ Playing Ads
- ✓ Intuition interface
- ✓ High security



Smart Fueling - System Architecture



- ◆ Payment transaction
- ◆ Discount (Coupon)
- ◆ Receipt
- ◆ Advertisement
- ◆ Customized function

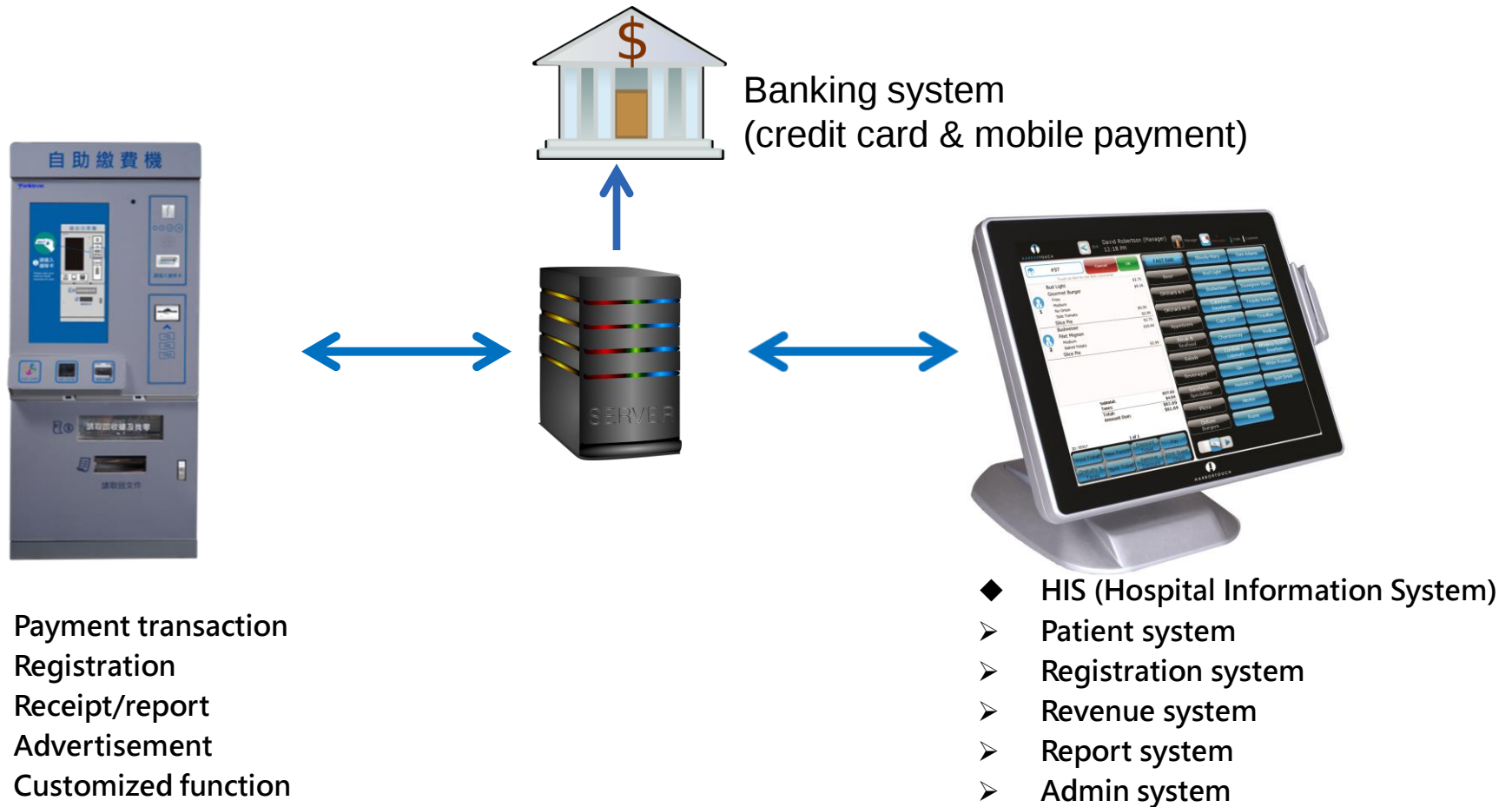
- ◆ POS System
 - Manual management
 - Revenue system
 - Stock system
 - Report system
 - Admin system

Smart Hospital

- ❑ Web based multiple function Payment Kiosk for Hospital
 - ✓ Smart electronic billing system
 - ✓ Easy to integrate with existing HIS
 - ✓ Self-checkout service
 - ✓ Cash inventory check
 - ✓ Multiple payment
 - ✓ Bills & coins recycle change
 - ✓ Playing Ads
 - ✓ Intuition interface
 - ✓ High security



Smart Hospital - System Architecture

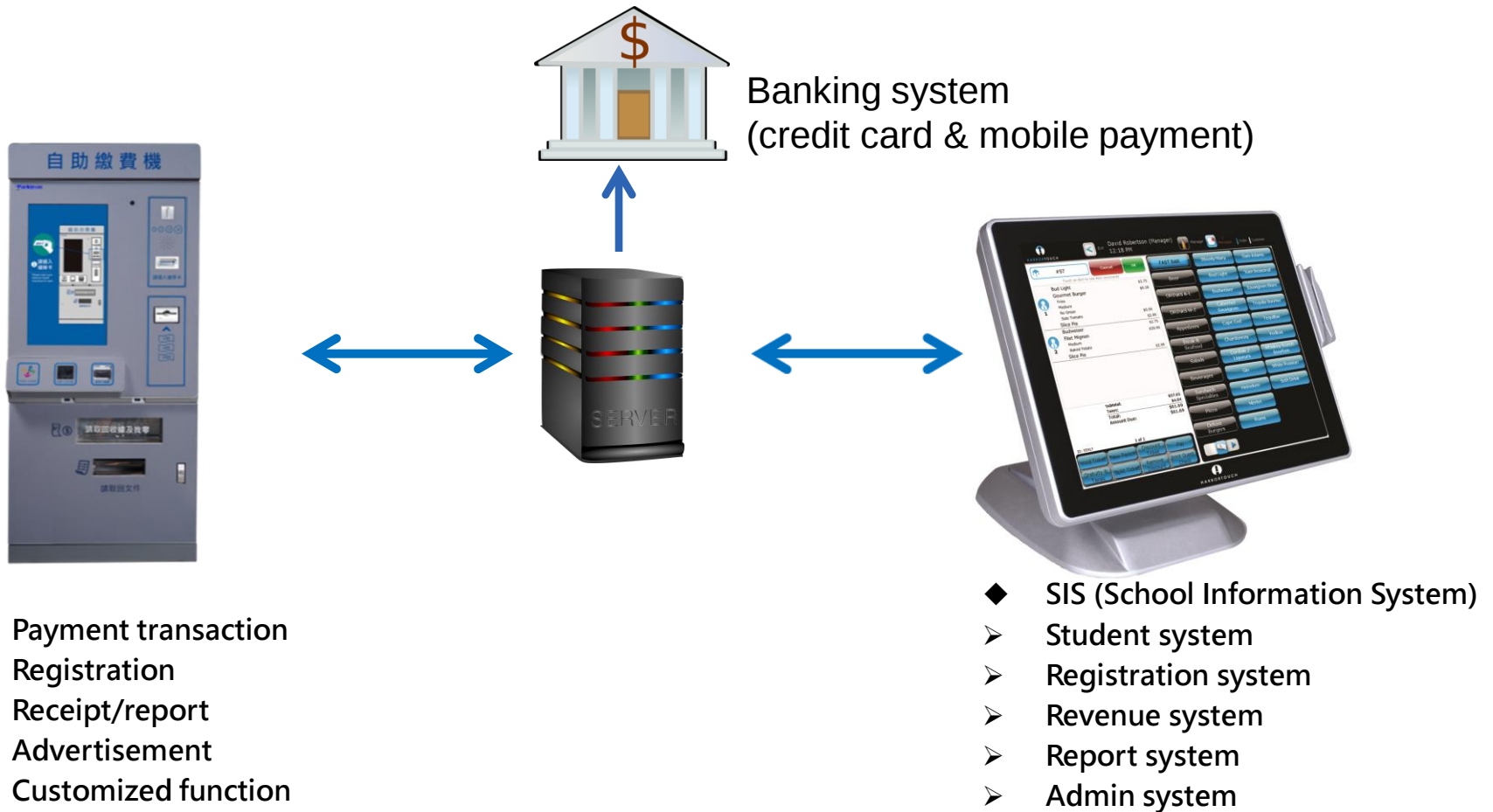


Smart School

- ❑ Web based multiple function Payment Kiosk for School
 - ✓ Smart electronic billing system
 - ✓ Easy to integrate with existing POS system
 - ✓ Self booking system
 - ✓ Cash inventory check
 - ✓ Multiple payment
 - ✓ Bills & coins recycle change
 - ✓ Playing Ads
 - ✓ Intuition interface
 - ✓ High security



Smart School - System Architecture



An aerial photograph of a city skyline, likely New York City, featuring numerous skyscrapers and dense urban development. A large, semi-transparent diamond shape is centered over the image. Inside the diamond, the Parktron logo is displayed at the top, and the text "Thank you" is centered below it. The sky is a clear blue with some light clouds.

Parktron

Thank you