

COMPANY PROFILE



www.thanhtoanct.com

Since 2018

C&T ELECTRONIC ELECTRICAL COMPANY LIMITED

Bringing Vietnamese
technology to the world.

Automated trading
solutions - centralized
monitoring, control
and management



CERTIFICATES

ỦY BAN NHÂN DÂN
THÀNH PHỐ HỒ CHÍ MINH
SỞ KHOA HỌC VÀ CÔNG NGHỆ

CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM
Độc lập - Tự do - Hạnh phúc

GIẤY CHỨNG NHẬN
DOANH NGHIỆP KHOA HỌC VÀ CÔNG NGHỆ
Số: 45/ĐK-DNKHCN

Tên doanh nghiệp: CÔNG TY TRÁCH NHIỆM HỮU HẠN ĐIỆN ĐIỆN TỬ C&T
Tên bằng tiếng nước ngoài: C&T ELECTRONIC ELECTRICAL COMPANY LIMITED
Địa chỉ trụ sở chính: 24/22 Đường số 23, Phường Hiệp Bình Chánh, Quận Thủ Đức, Thành phố Hồ Chí Minh.
Điện thoại: 0908 229 309 Fax:
Email: support@ct-solutionco.com Website: www.ct-solutionco.com
Giấy chứng nhận đăng ký doanh nghiệp: Số 0314547058 đăng ký lần đầu ngày 31/7/2017, do Sở Kế hoạch và Đầu tư Thành phố Hồ Chí Minh cấp.

Danh mục sản phẩm hàng hóa hình thành từ kết quả KH&CN (Nếu tại Phụ lục kèm theo Giấy chứng nhận này)

(1) Máy giao dịch thanh toán tự động linh hoạt đa năng; (2) Hệ thống server dùng để kết nối các máy giao dịch thanh toán tự động và ngoại mạng; (3) Hệ thống các phần mềm và giải pháp cho các khách hàng khác nhau.

Thời hạn hiệu lực của Giấy chứng nhận này theo quy định hiện hành của pháp luật.

Thành phố Hồ Chí Minh, ngày 27 tháng 4 năm 2018

KT. GIÁM ĐỐC
PHÓ GIÁM ĐỐC
SỞ KHOA HỌC VÀ CÔNG NGHỆ
Nguyễn Khắc Thanh

BỘ KHOA HỌC VÀ CÔNG NGHỆ
CỤC SỞ HỮU TRÍ TUỆ

CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM
Độc lập - Tự do - Hạnh phúc

**BẢNG ĐỘC QUYỀN
GIẢI PHÁP HỮU ÍCH**
Số: 2845

Tên giải pháp hữu ích: PHƯƠNG PHÁP THANH TOÁN LINH HOẠT ĐƯỢC THỰC HIỆN TẠI THIẾT BỊ THANH TOÁN TỰ ĐỘNG
Chủ Bảng độc quyền: Công ty TNHH Điện Điện tử C&T (VN)
24/22 đường số 23, phường Hiệp Bình Chánh, quận Thủ Đức, thành phố Hồ Chí Minh
Tác giả: Võ Đình Tùng (VN)
Số đơn: 2-2020-00471
Ngày nộp đơn: 08/03/2018
Số điểm yêu cầu bảo hộ: 04 Số trang mô tả: 31
Cấp theo Quyết định số: 2514w/QĐ-SHTT, ngày: 11/02/2022
Có hiệu lực từ ngày cấp đến hết 10 năm tính từ ngày nộp đơn (Hiệu lực bảo hộ cần duy trì hàng năm).

KT. CỤC TRƯỞNG
PHÓ CỤC TRƯỞNG
CỤC SỞ HỮU TRÍ TUỆ
Phan Ngân Sơn

VN 2-2020-0045

INTRODUCTION ABOUT US

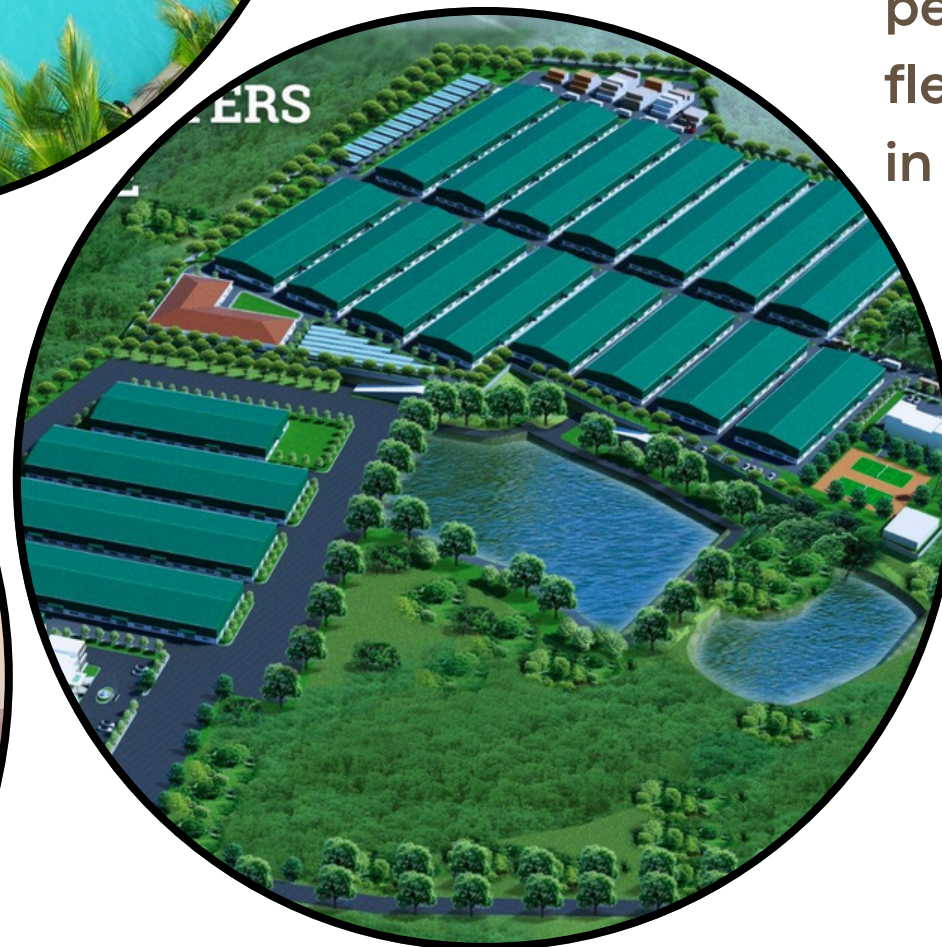
ELECTRICITY AND ELECTRONICS IN DAILY LIFE

C&T Electronics Co., Ltd. is a science and technology enterprise in the field of automatic payment transactions. The versatile flexible digitalization solution for the field of automated trading is to fulfill the company's mission of "You just touch, the rest we worry" to realize the vision of "Being among the top companies in Vietnam providing flexible multipurpose digitalization solutions for the field of self-trading."



Since 2018

PROJECTS



- Since 2018, we have put this system into practice by implementing the automatic payment transaction system and centralized management for [Nha Trang hot mineral mud bath \(I-Resort Nha Trang\)](#), and implementing the department-level topic ([Hcmc Department of Science and Technology](#) - The topic "Research, perfecting the technology and design, building a multipurpose flexible payment trading machine system) and completed this topic in 2020

- Along with that, we also carried out a project to test the automatic cafeteria kiosk system for [Green House Cultural Joint Stock Company](#), cashier for mobile world joint stock company stores, car ticketing system.

- And freight forwarding at [Kumho Samco Buslines Transport Co., Ltd.](#) The company is also on the verge of applying this product to contribute to accelerating the country's digital transformation in the field of consumer payment transactions.

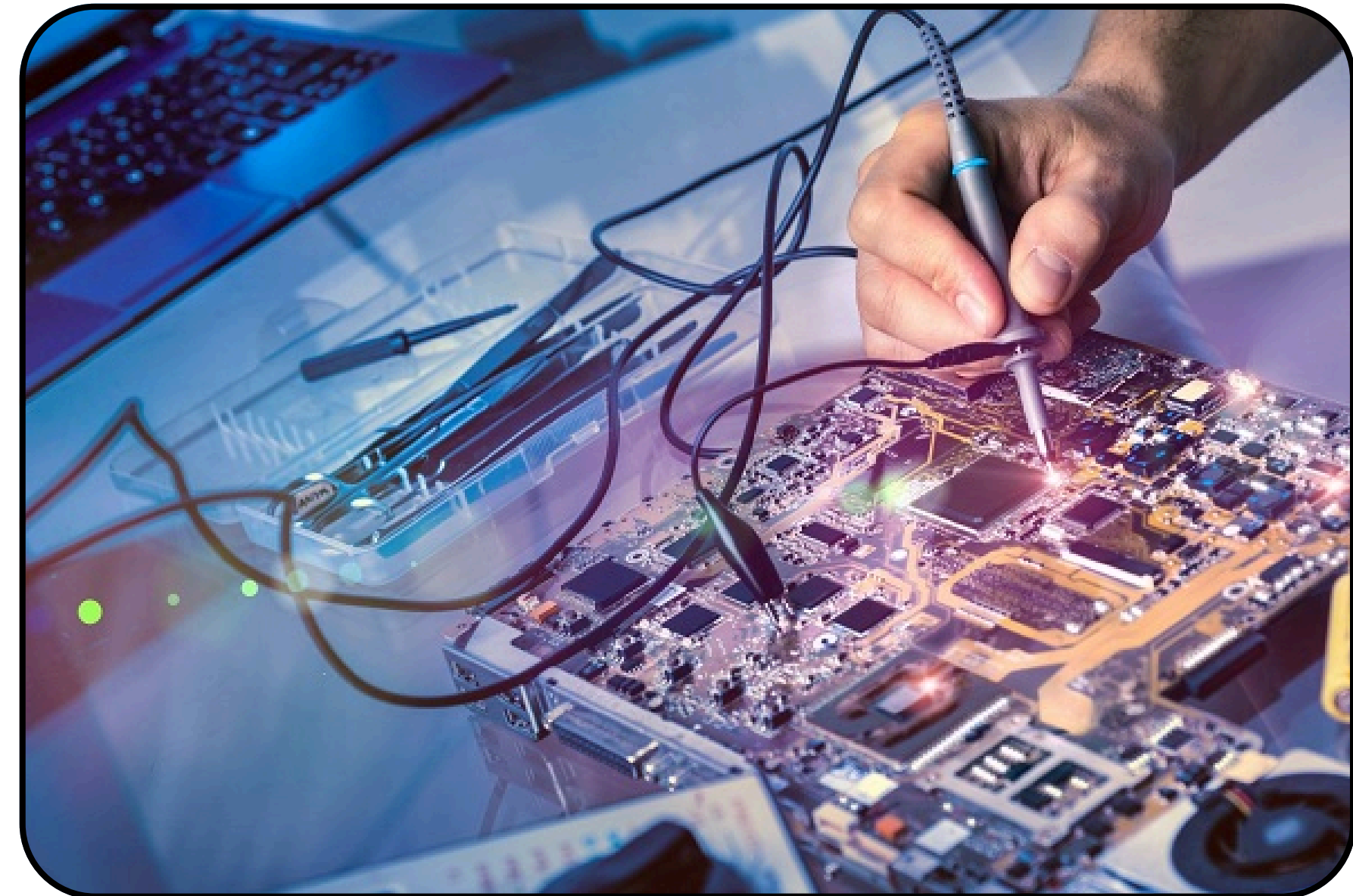
PHILOSOPHY AND VISION

BUSINESS PHILOSOPHY

- To provide users with advanced automated trading technology solutions at affordable prices.

COMPANY VISION

- Be among the top companies in Vietnam providing technology solutions for automated trading systems, monitoring, control and centralized management.



OUR MISSION

"YOU JUST NEED TO TOUCH, WE TAKE CARE OF THE REST,
CONTRIBUTING TO THE COUNTRY'S DEVELOPMENT BY
PROVIDING DIGITAL SOLUTIONS"

- 1 Providing automatic payment transaction systems
- 2 Providing automatic payment transaction equipment
- 3 Providing centralized management solutions and software
- 4 Providing remote control, measurement & monitoring systems



PRODUCTS

PROVIDE THE BEST SERVICE

TECHNICAL SPECIFICATIONS OF THE ID CARD READER

- ID Card Reader Casing
- Operating System: Windows / Linux / Android
- **Power Supply: USB**
- Can connect to other devices via USB (PC, POS, Laptop, etc.)
- **Scanner: QR Code Reader**
- **Status Indicator: LED light (success/failure) with sound notification**
- Main functions: Read citizen ID information including full name, photo, fingerprint, permanent address, ID number, expiration date, issue date, place of birth, etc.

**-> Save time on data entry,
increase accuracy.**

PRODUCTS



- Case
- 32 inch screen
- NFC Card Reader
- POS machine
- Printer

**AUTOMATIC PAYMENT
TRANSACTION MACHINE**

PROVIDE THE BEST SERVICE



- Case
- 2 screen 21 inch monitors
- Sensor machine for banknotes VND
- NFC Card Reader
- POS machine
- Printer

**AUTOMATIC PAYMENT
TRANSACTION MACHINE**

PRODUCTS

PROVIDE THE BEST SERVICE

CASHIER MACHINE

- Cashier case
- Sensor machine for banknotes VND
- LCD display screen 320x240
- Numeric keyboard

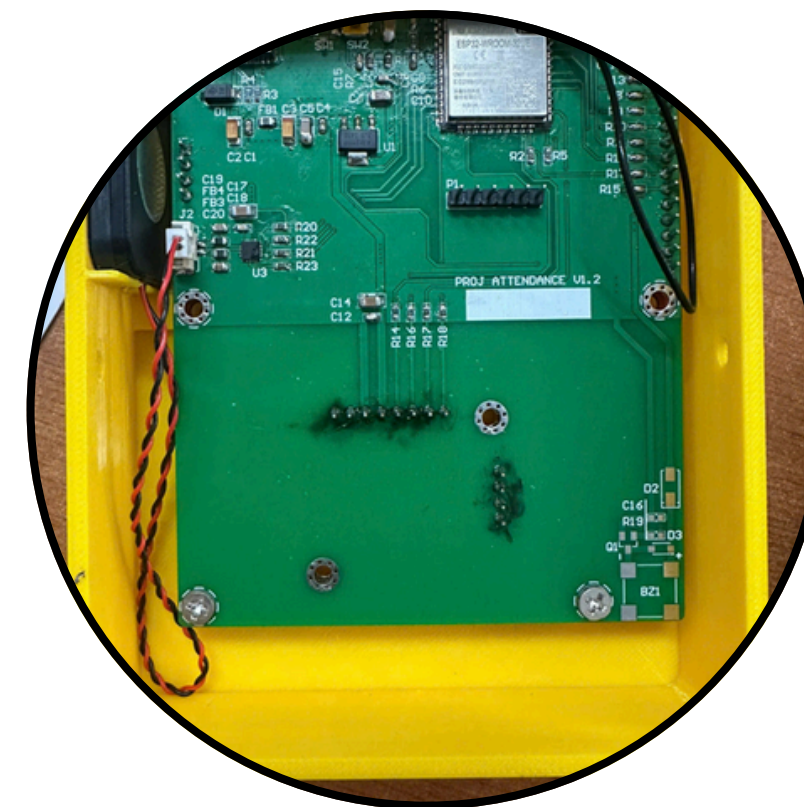


PRODUCTS

PROVIDE THE BEST SERVICE

ATTENDANCE DEVICE

- Attendance Notification Display
- Sound Device
- Fast Card Reading



PRODUCTS

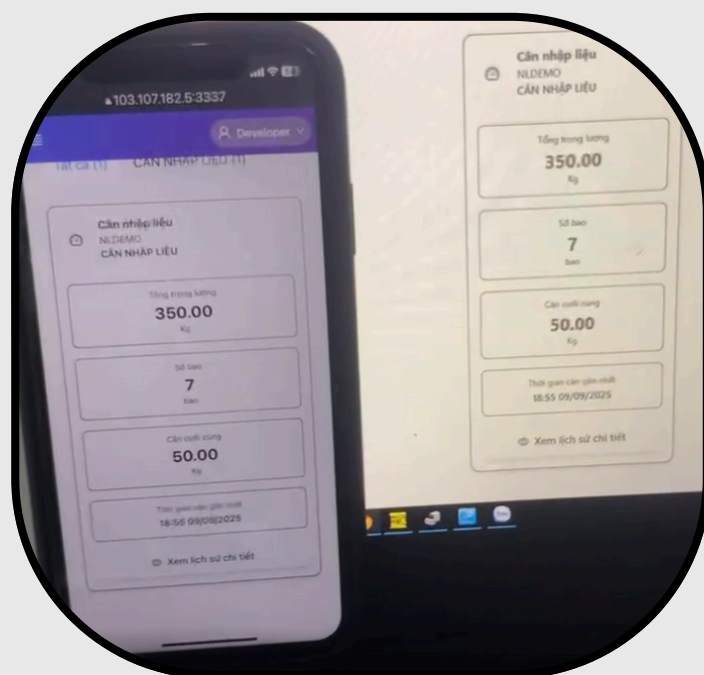
PROVIDE THE BEST SERVICE

REMOTE MONITORING ELECTRONIC SCALE SYSTEM FOR FACTORY USE

- HMI control interface (on the weighing machine).
- IoT connection hardware.
- Remote monitoring platform.

Highlights:

- ☒ Monitor real-time weighing data anytime, anywhere.
- ☒ Automatic storage & statistics to reduce manual errors.
- ☒ Suitable for factories, mixing stations, packaging lines that require precise control.
- ☒ Easily expandable to integrate into the enterprise's ERP/MES.



PRODUCTS

PROVIDE THE BEST SERVICE



CASH RECEIVING DEVICE

- Receive denominations from 1,000VND-500,000VND
- Support return change / do not support change change
- Capacity up to 1000 sheets



VALEDATOR

- Data validation: Verify data type, length, required values, format (regex).
- Advanced validation: Multi-field matching, conditional rules, async and custom validator support.
- Integration & extensibility: JSON Schema export, framework-based (Express/NestJS), i18n & logging support.

PRODUCTS

PROVIDE THE BEST SERVICE

ELECTRONIC PRICE LIST

- 2.7-inch screen
- Change content remotely via Bluetooth
- The energy used is the battery.
- Usage time ~150 days
- Multiple devices can be transmitted at the same time.
- You can change the frame at will.



SOLUTIONS

“Not only products, we also provide optimal solutions to help customers solve problems”



Recreational areas



Bus stations, passenger transport companies



Smart Factory



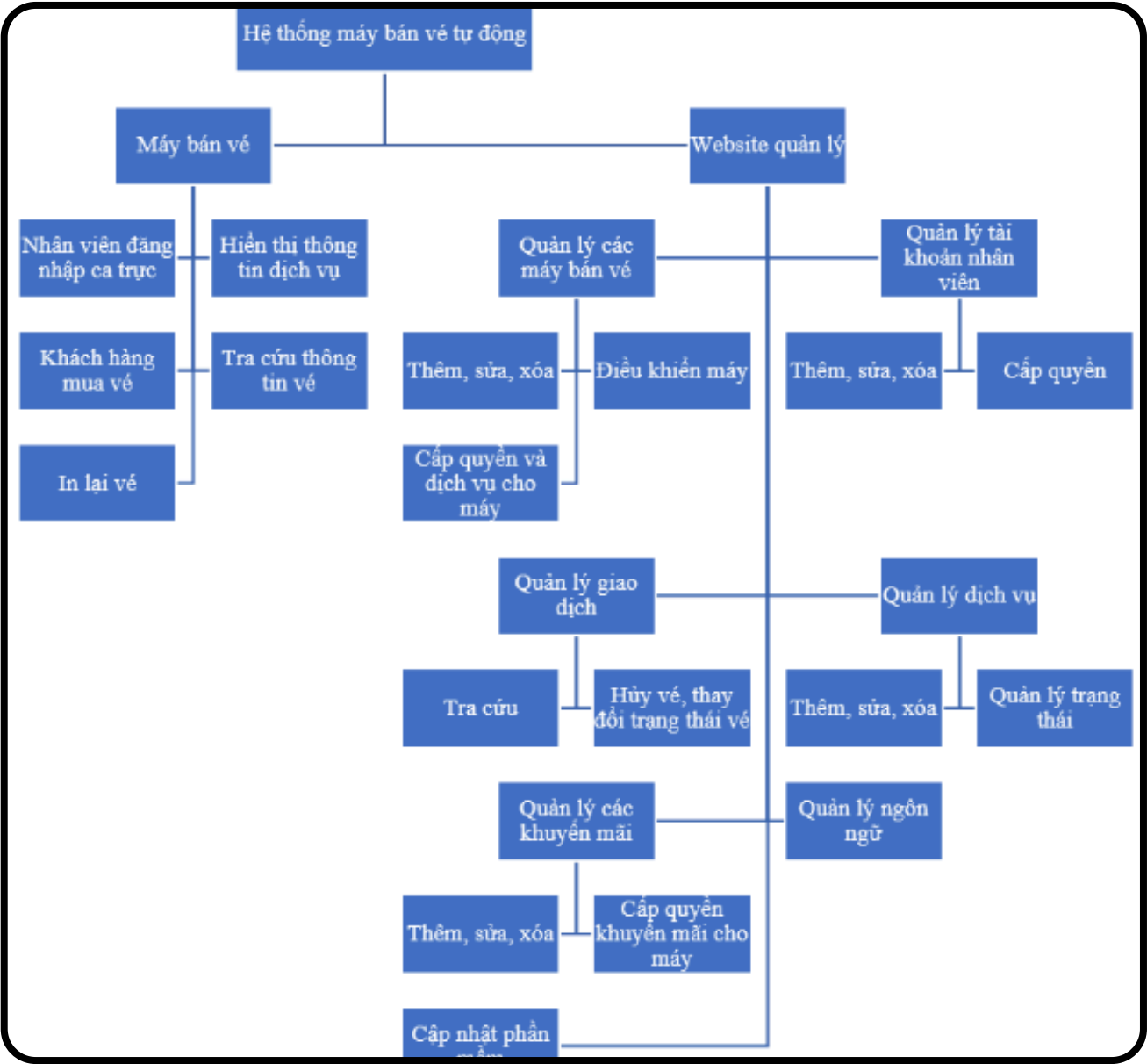
Sales websites



Automatic collection



Automatic gates



NHA TRANG I RESORT SYSTEM FOR AUTOMATING TICKET

- The app is deployed on automated checkout machines called kiosks, which are located in places with a lot of visitors so they can book service tickets automatically. Research and development application to target the following subjects:

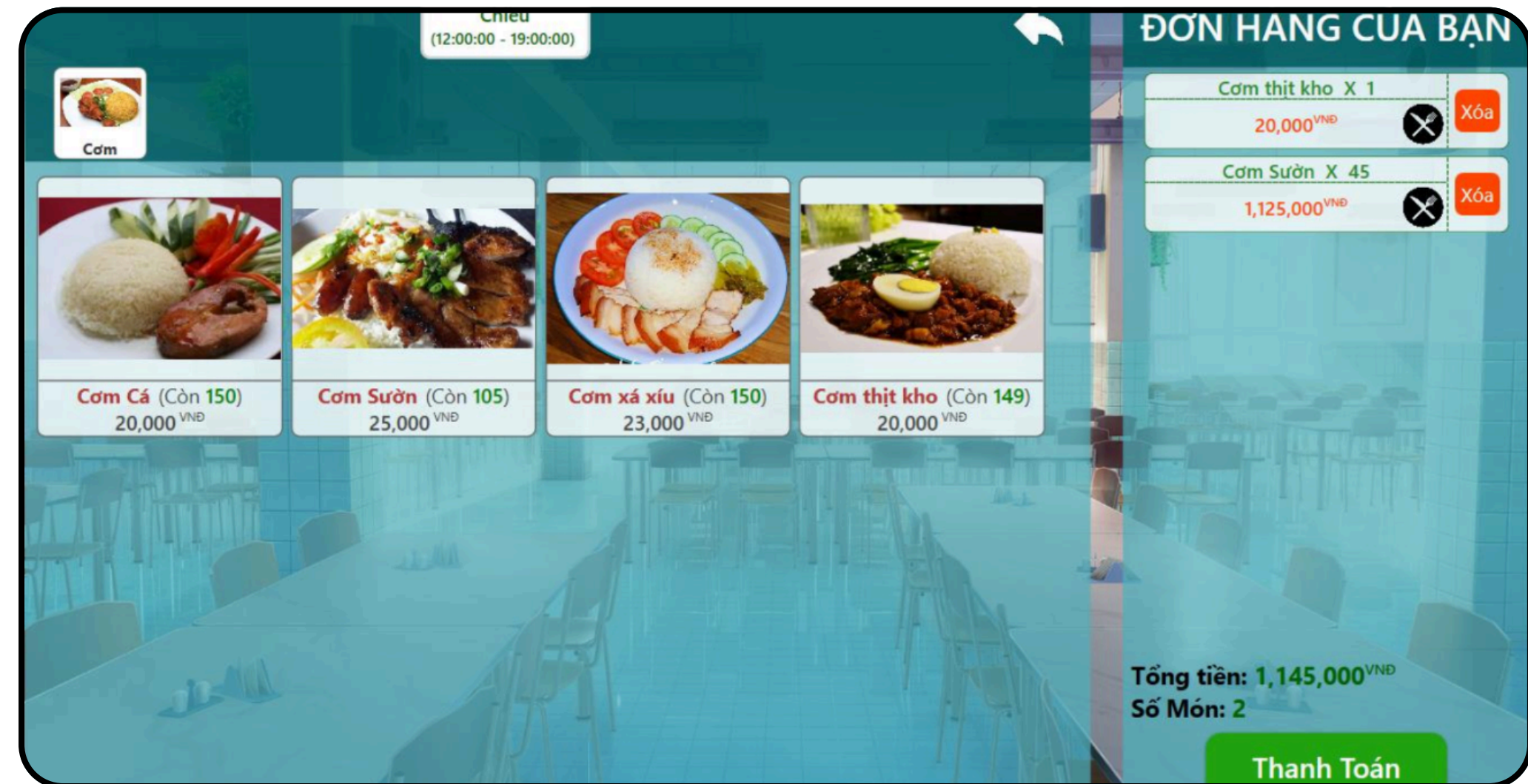
The software supports payment in 3 forms: QR CODE SACOMBANK - QR CODE VNPAY - PAYMENT BY CARD



SOLUTIONS

- Performing the automatic payment transaction function, the customer makes the transaction himself, and proceeds to pay through this payment device in VND cash with the return of excess money, or electronic forms of payment:

AUTOMATIC CAFETERIA KIOSK



Step 1:

Staff come to the device and collect OTP code

Step 2:

Otp code authentication system and returns the cashier the amount to be paid

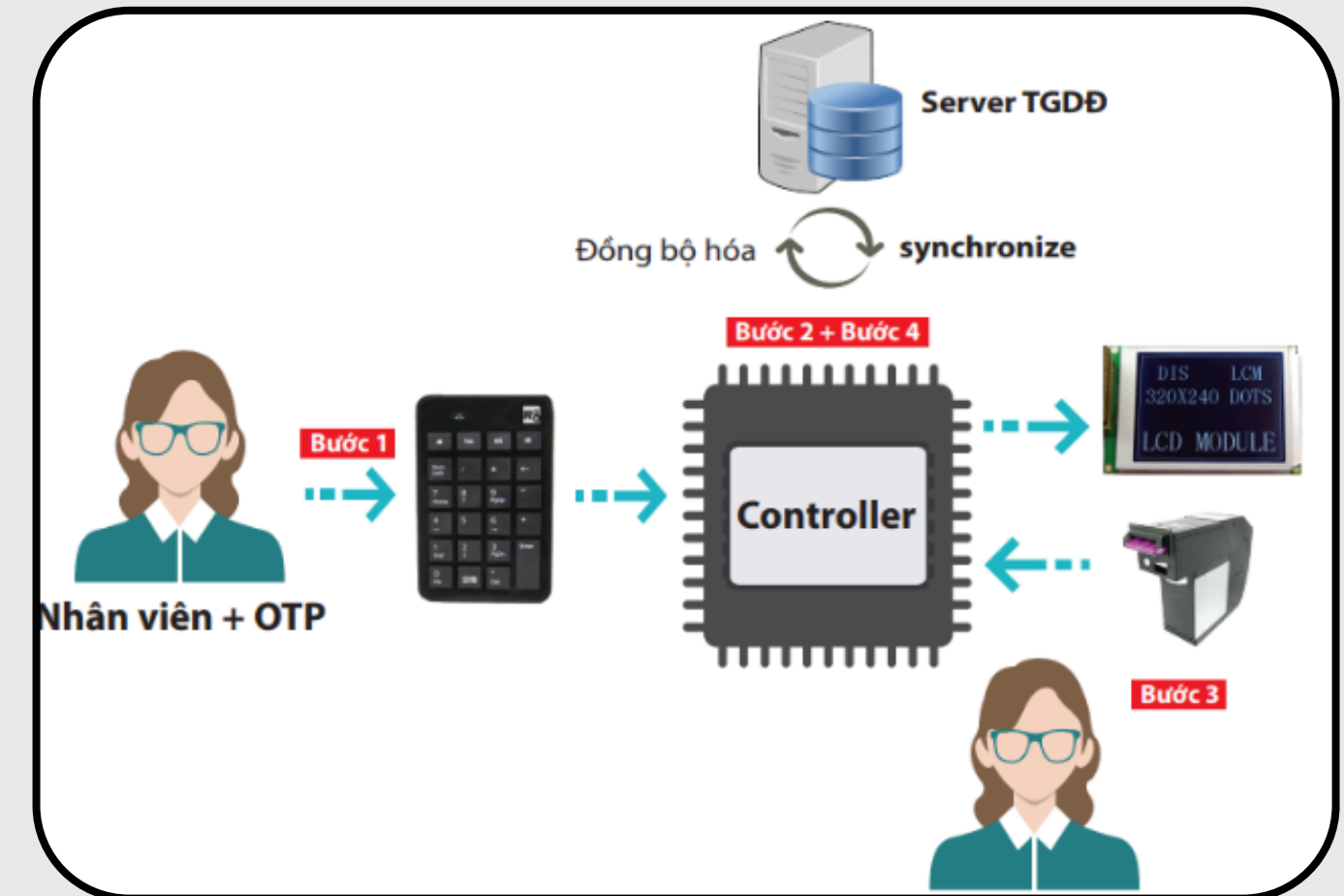
Step 3:

The employee proceeds to deposit money into the cashier equipment, the screen shows the amount of money the employee pays in real time until enough money needs to be deposited

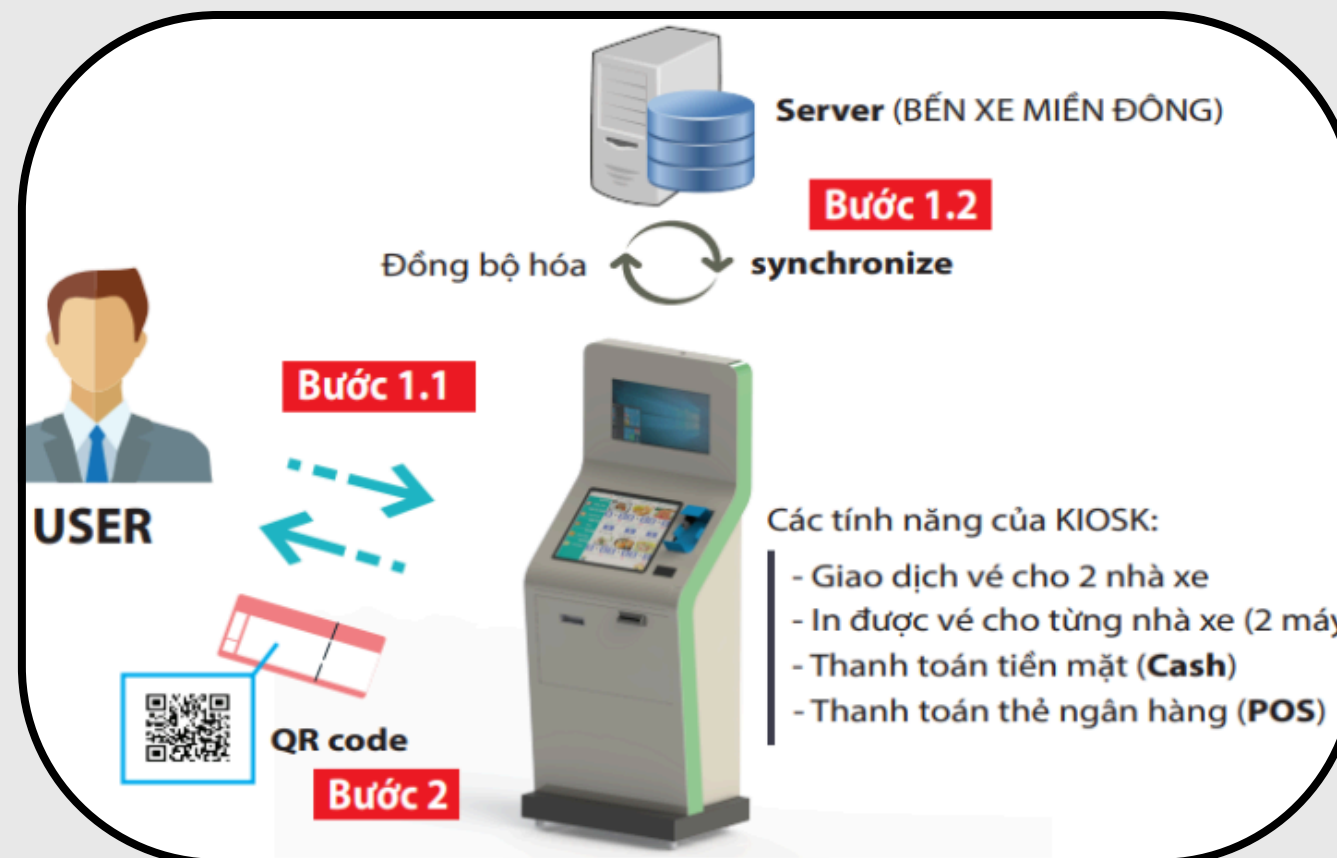
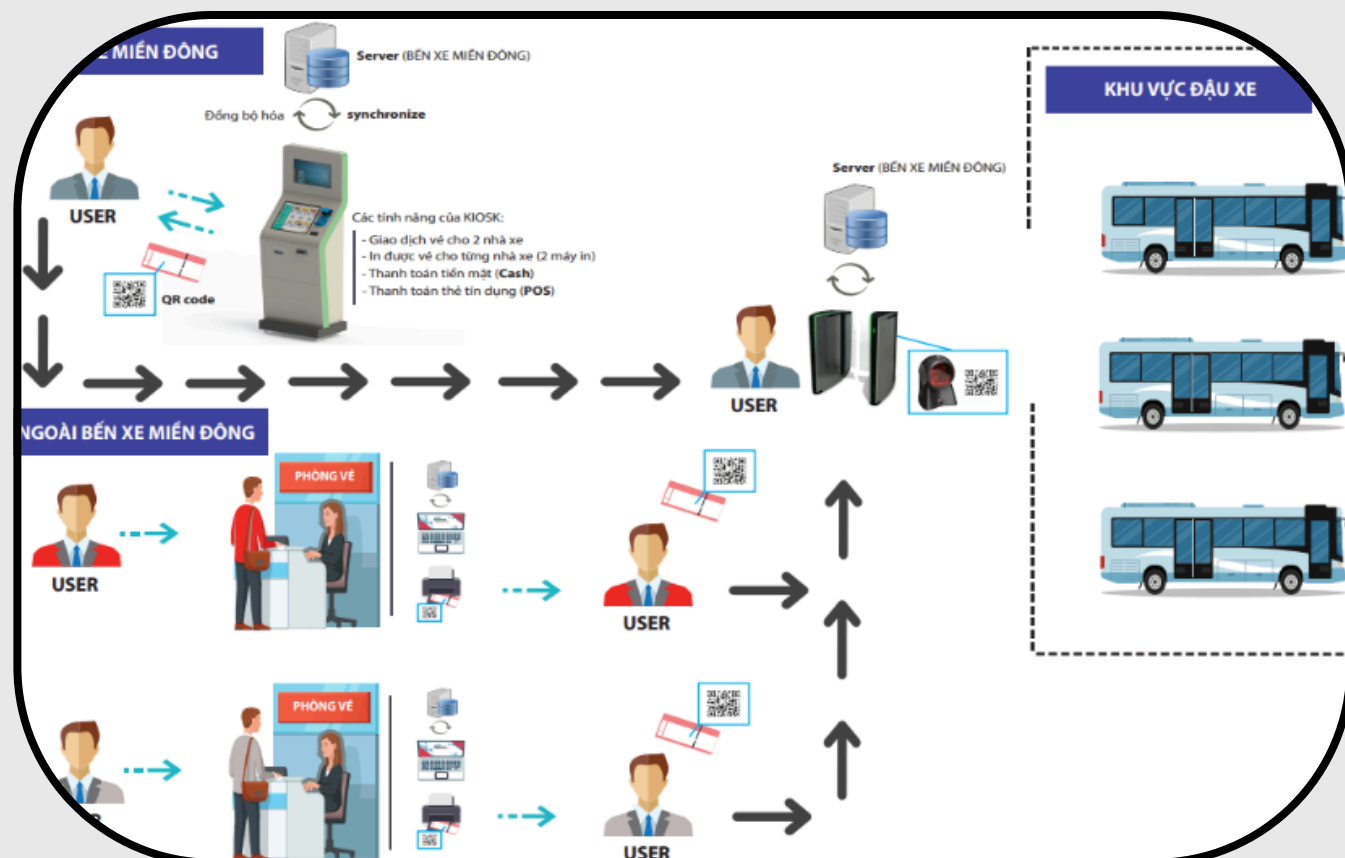
Step 4:

- The employee presses the 'Enter' key to confirm:
- Complete the deposit process.
- Send the data of the amount received from otp authenticated in step 1 to the mobile phone server.

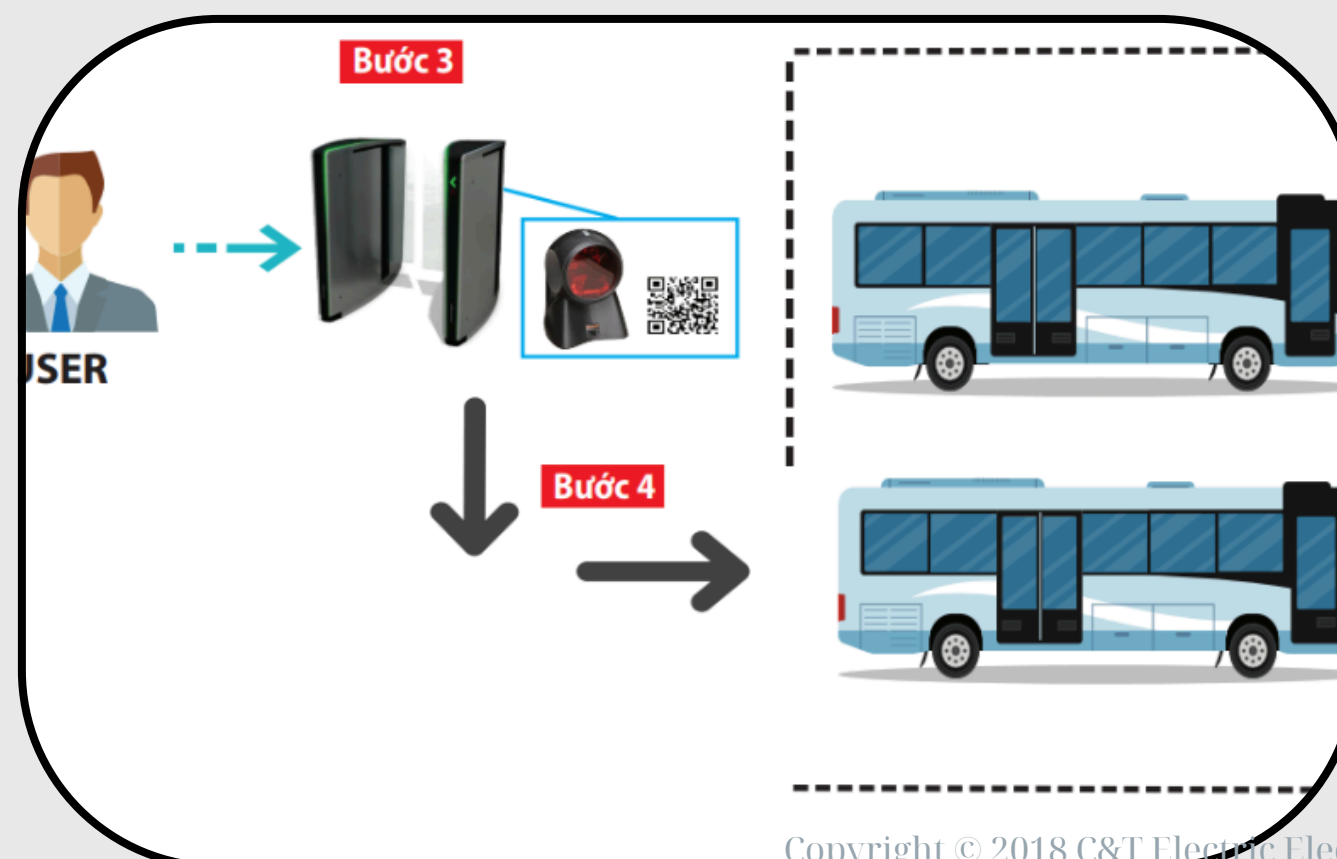
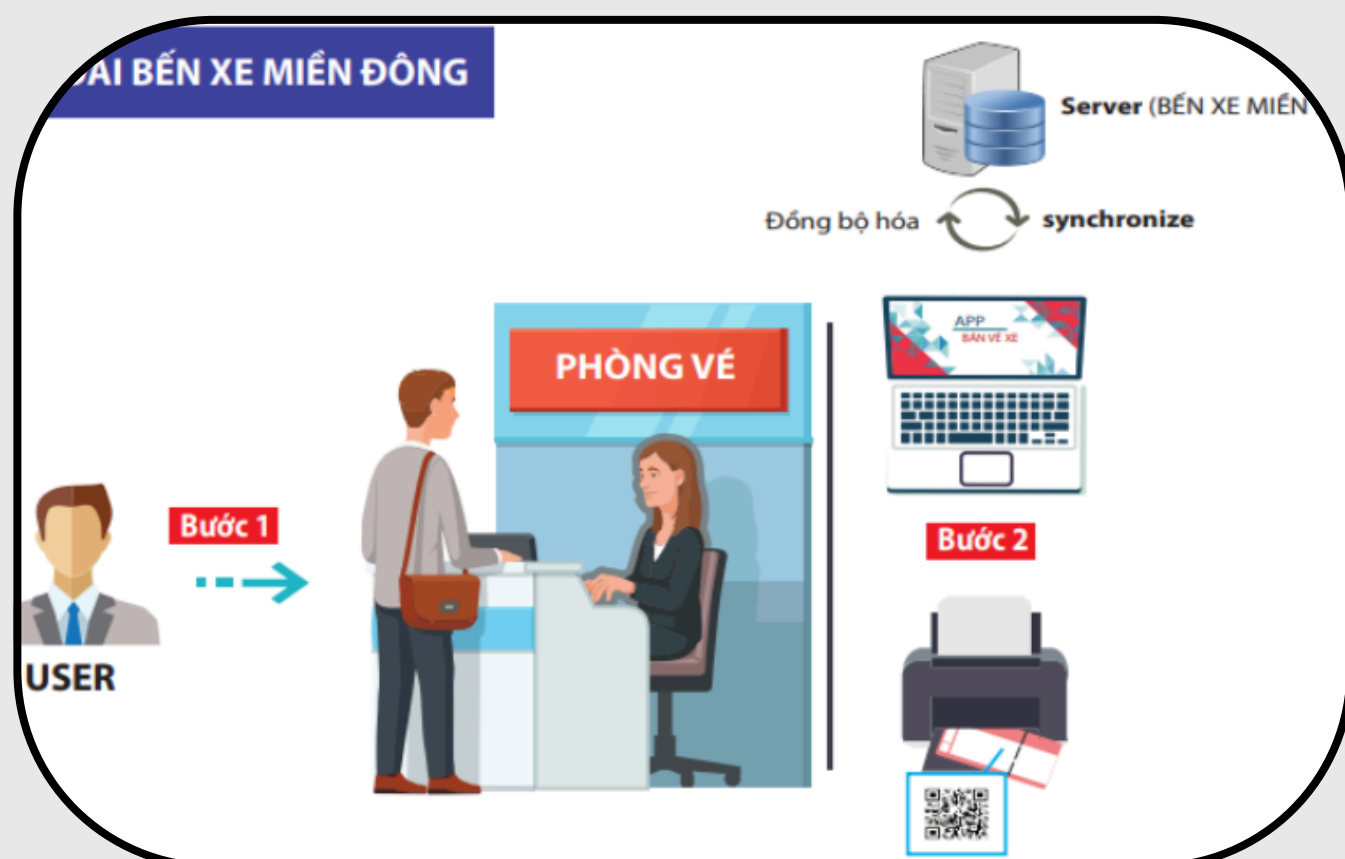
CASHIER MACHINE FOR THE GIOI DI DONG



SOLUTIONS



**AUTOMATED
TRANSACTIONS
AT THE BUS
STATION**



**Save
time,
reduce
delays**

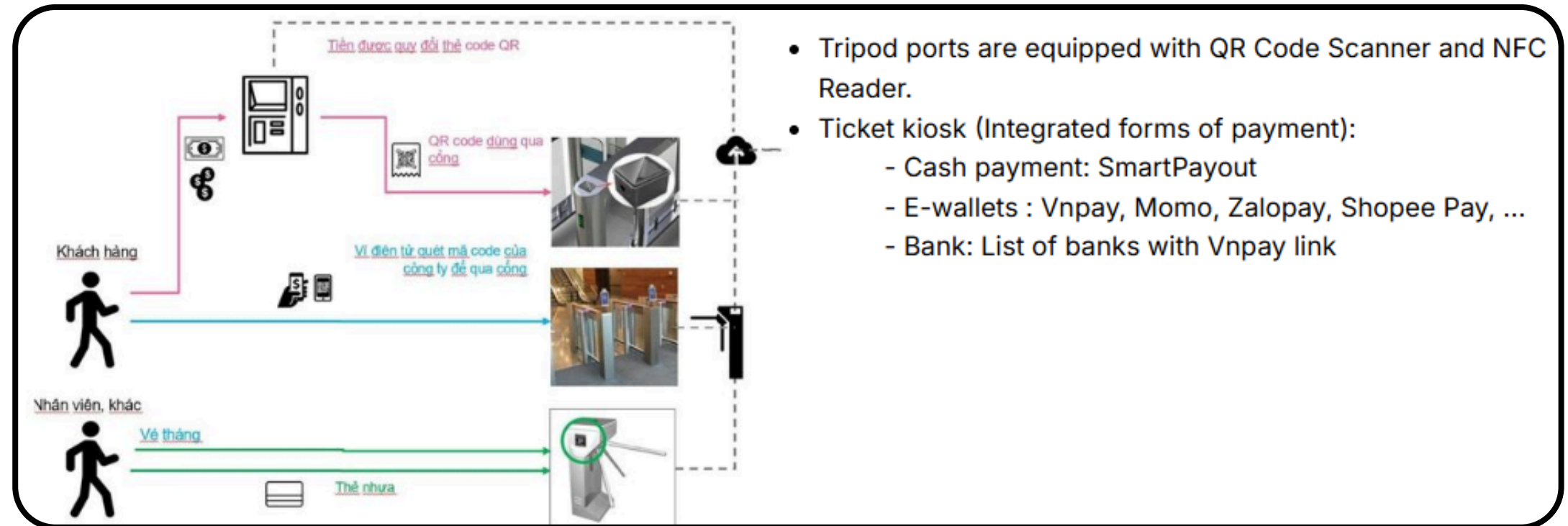
SOLUTIONS

At the Tripod gate area, there will be a **small kiosk next to it that is responsible for selling tickets** to go through the gate, the ticket is a paper ticket with a QR Code on the ticket when going to the gate, customers will use that ticket to put in the scanner QR is integrated on the gate and the gate will open if the ticket is valid. For employees: The system will give employees an NFC card, use an NFC card when going through the gate to tap the NFC card into the NFC Reader, the gate will open if it is confirmed as an employee.

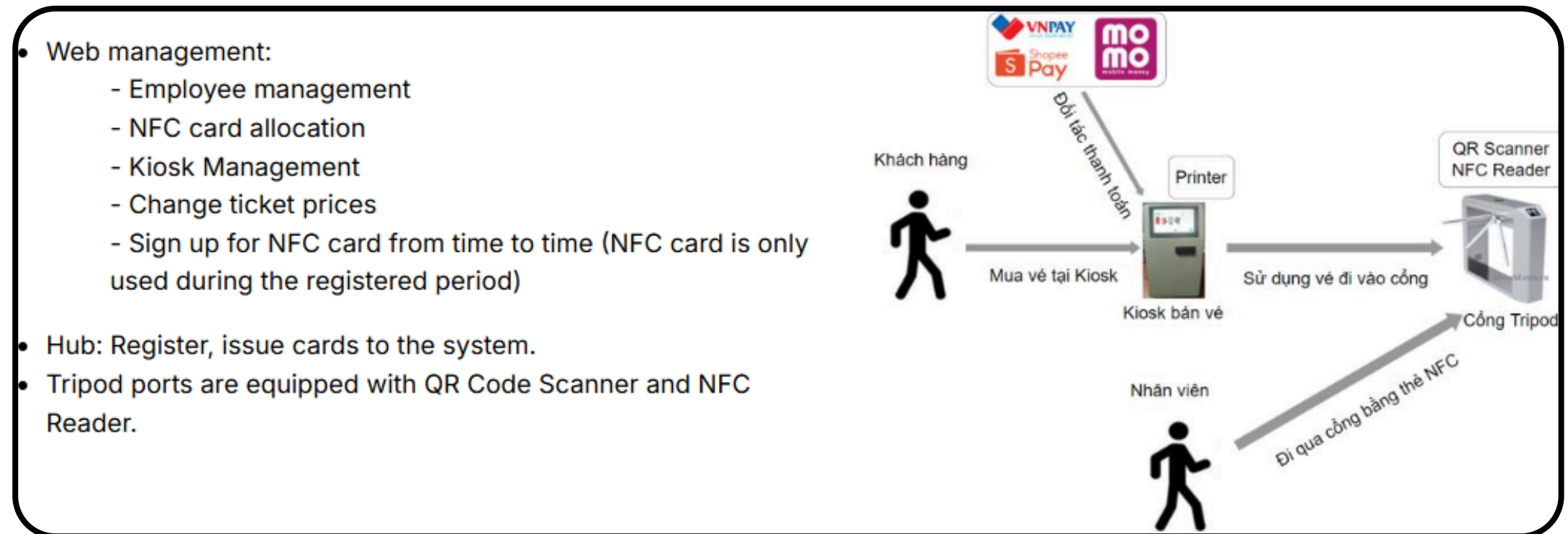


AUTOMATIC PORT

DESCRIBE



SYSTEM



OUR CUSTOMERS





MEET OUR TEAM



Dr. VO DINH TUNG
CEO



Dr. LE QUANG DUC
Head of Engineering



Kim Do Kyong
IT Expert



DANG DUC HUY
Head of Sales



NGO DANG KHOA
Sales Staff

CONTACT US

We look forward to working with you



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Ward, Ho Chi Minh City, VietNam**



THANK YOU



JUST TOUCH, WE TAKE CARE OF THE REST

W W W . T H A N H T O A N C T . C O M