



文耀興業有限公司

解決方案簡介



文耀興業有限公司

各式儀器買賣&自動化系統整合

陳俊傑

Jacky Chen



營業項目

- ◎各式儀器買賣&維護
- ◎自動化系統規劃&整合
- ◎各式管閥配件買賣
- ◎水電配管工程
- ◎各式變頻器買賣&維修

手機:0976-482457
電話:02-22048697
FAX:02-8192-7098 或 02-2204-8692
MAIL: wenyao1015@gmail.com
WenyaoFax@wenyaoautotech.com
統一編號:66916813
地址:242新北市新莊區建安街69號3樓

營業項目

◎各式儀器買賣&維修保養

溫度、濕度、壓力、差壓、流量、風量、液位、氣體偵測、差壓開關、水流開關、水質儀器、PH、導電度、濁度、餘氯、溶氧、COD、SS、漏水檢知器(線)、集合式電表、各式轉換器&顯示器...等相關儀器

◎各式自動化系統設計規劃&整合

PLC、DDC、空調、電力、門禁、水質、水處理...等相關系統整合

◎各式管閥配件買賣

手動閥、電動閥、氣動閥、PVC、PP、PVDF、SUS...等相關管閥配件

◎各式水電配管工程

◎各式變頻器買賣&維修保養

◎各式設備買賣&維修保養

Our Services



- **Edge Computing Supplier**
 - Own Friendtrol EC platform
 - Own brand Controller & Server
 - Own Cloud & APP to support
- **Integration & IOT service**
 - Integration with more devices
 - Integration with 3rd party cloud service
 - SCADA monitoring
 - Remote debugging
- **ODM / OEM service**
 - Software customization
 - Hardware customization
 - Package customization

Applications



Industry



Hospital

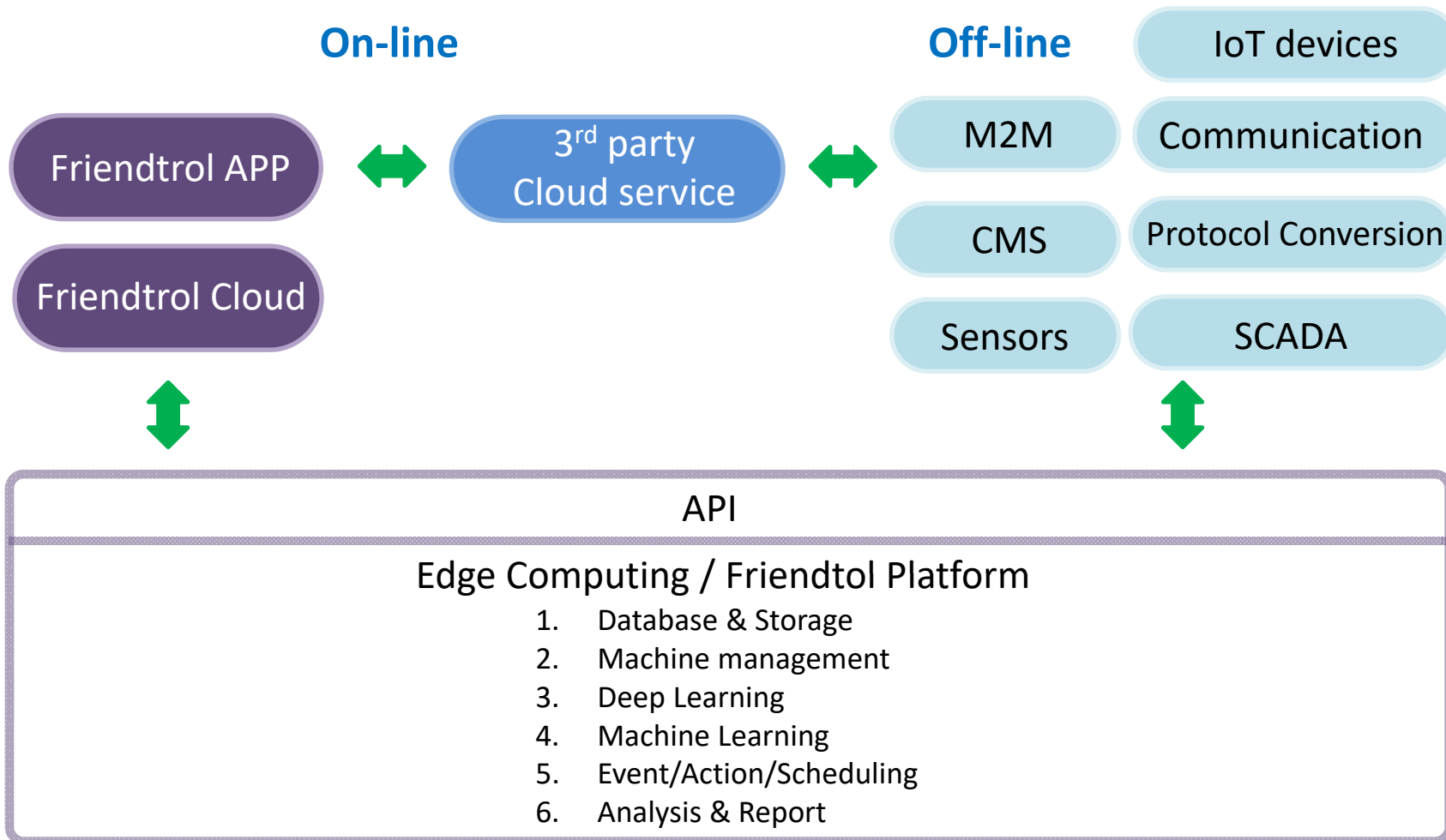


Classroom



Home

Framework



Edge Computing Devices

Capable working under off-line



Friendtrol
Platform

+

Sensor

=

Data Collection Center

Protocol Conversion

=

Intelligent Gateway

SCADA

=

Intelligent HMI

Communication (4G-LTE)

=

Intelligent 4G-LTE IP router

CMS

=

CMS server

IOT devices

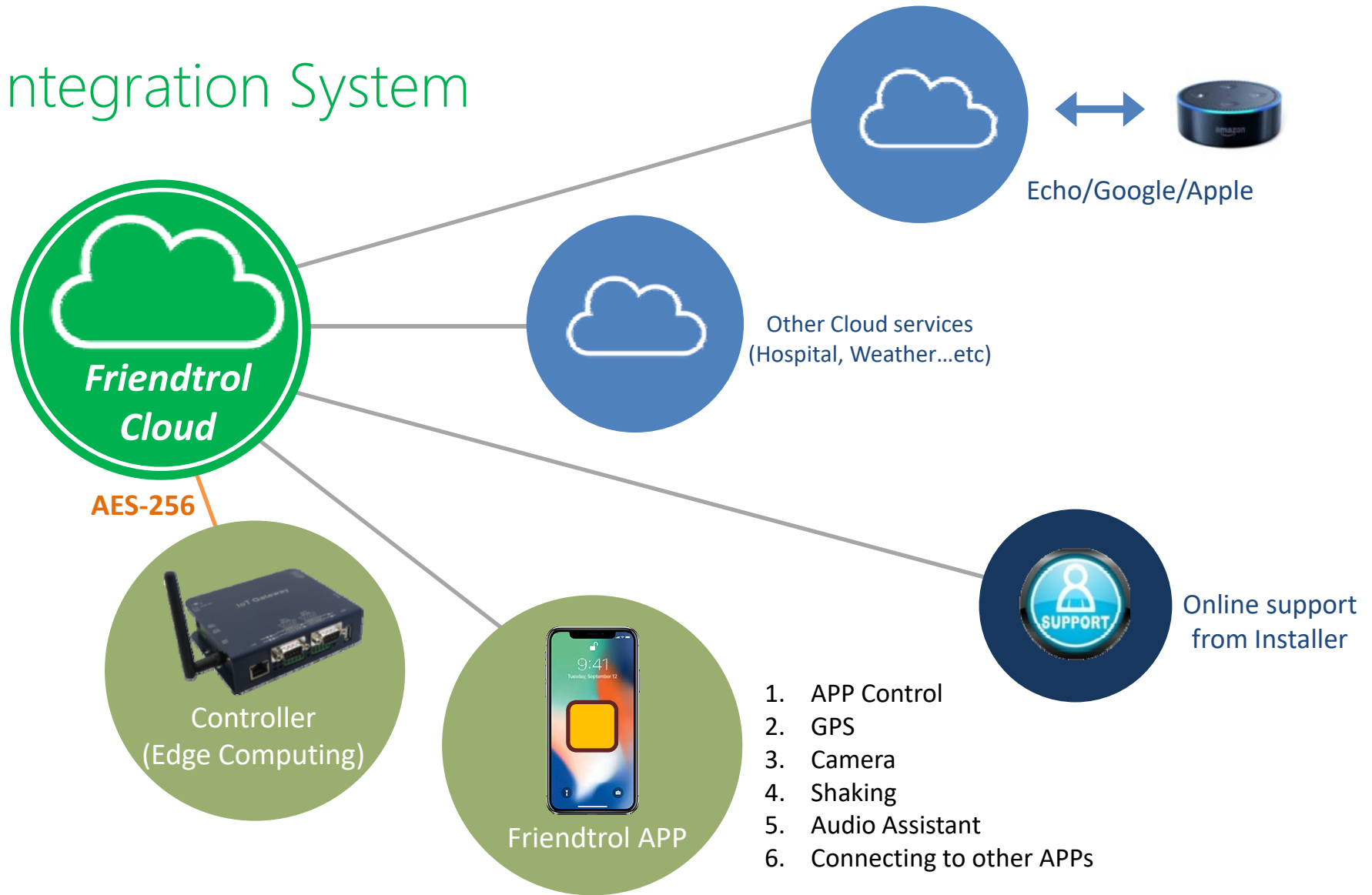
M2M

=

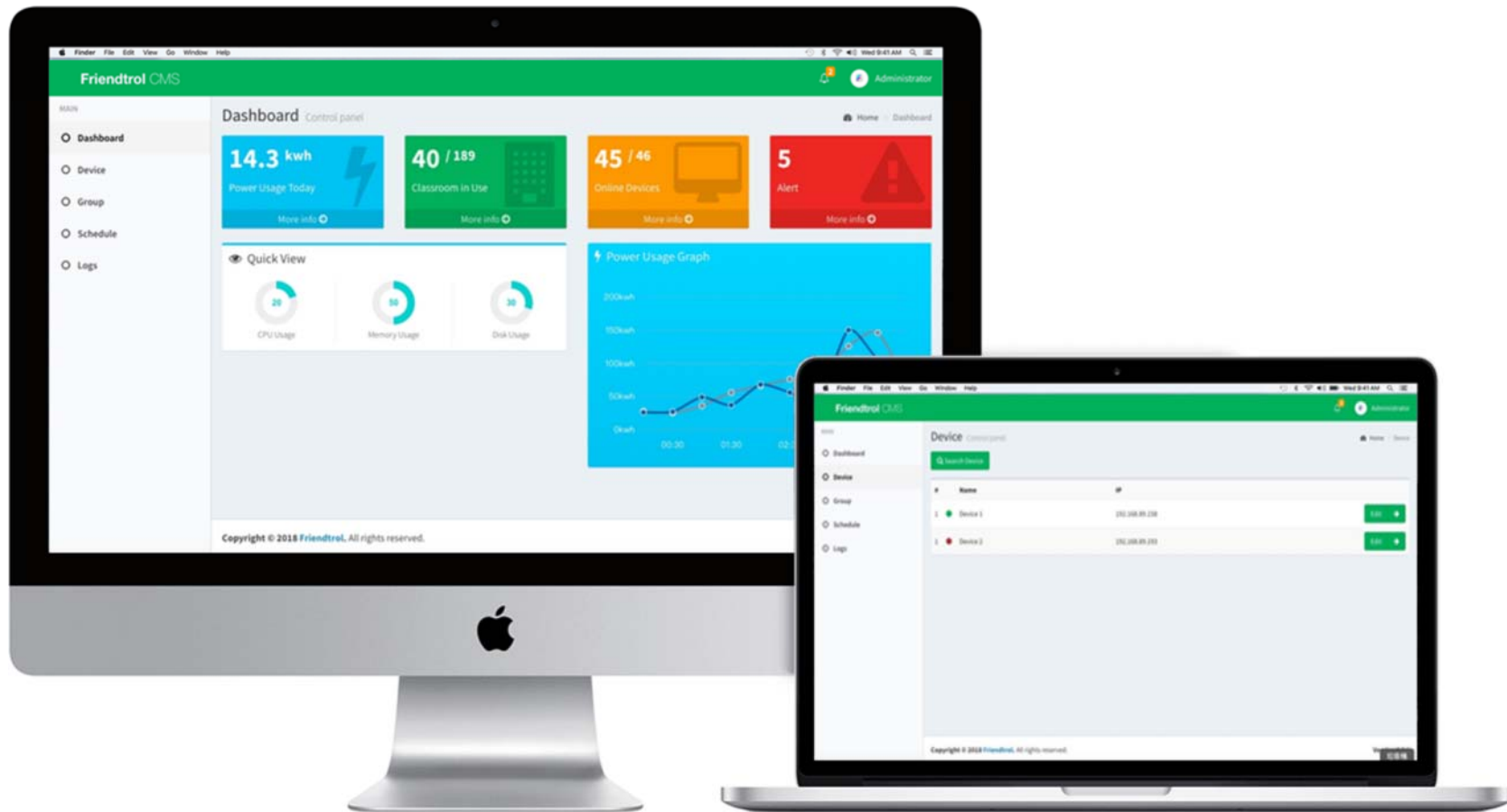
IOT Controller

IOT Integration

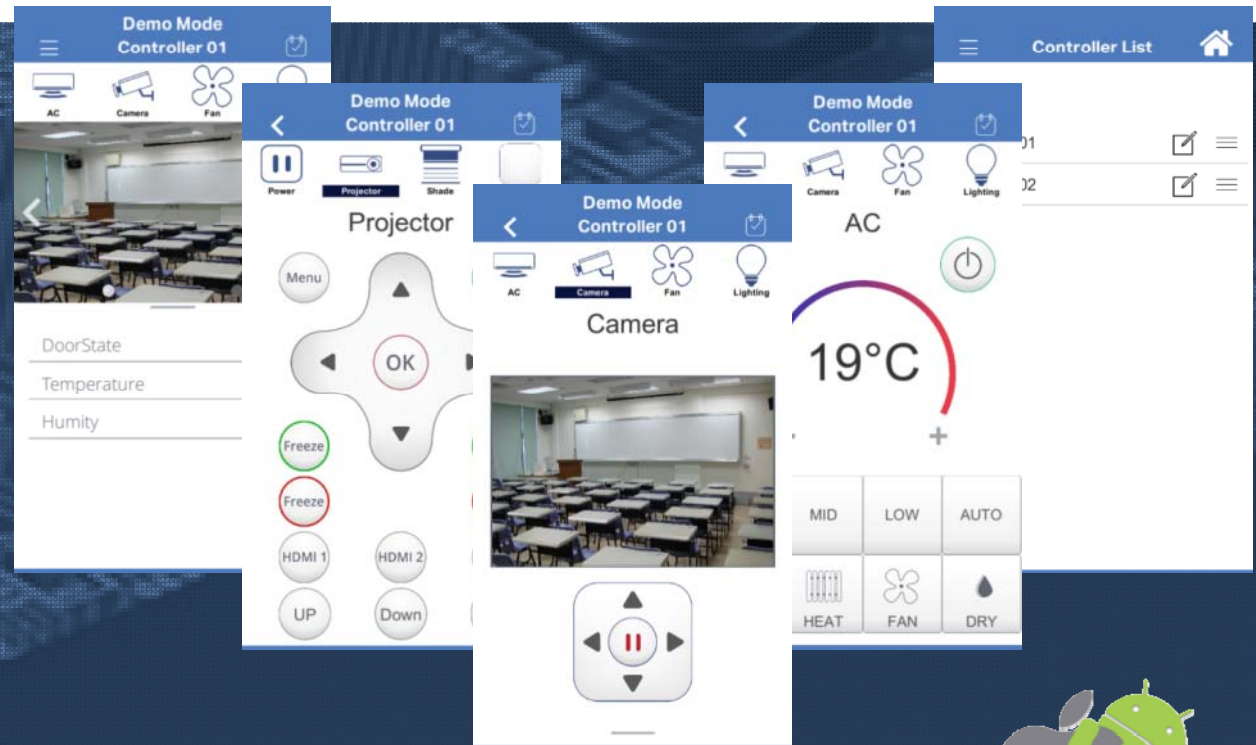
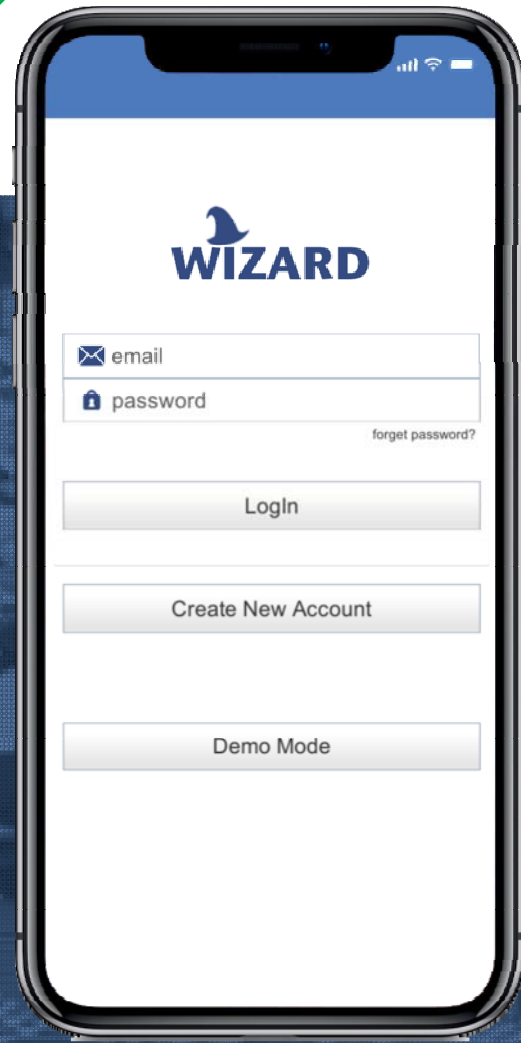
Integration System



Our Cloud/CMS (Central Management System)

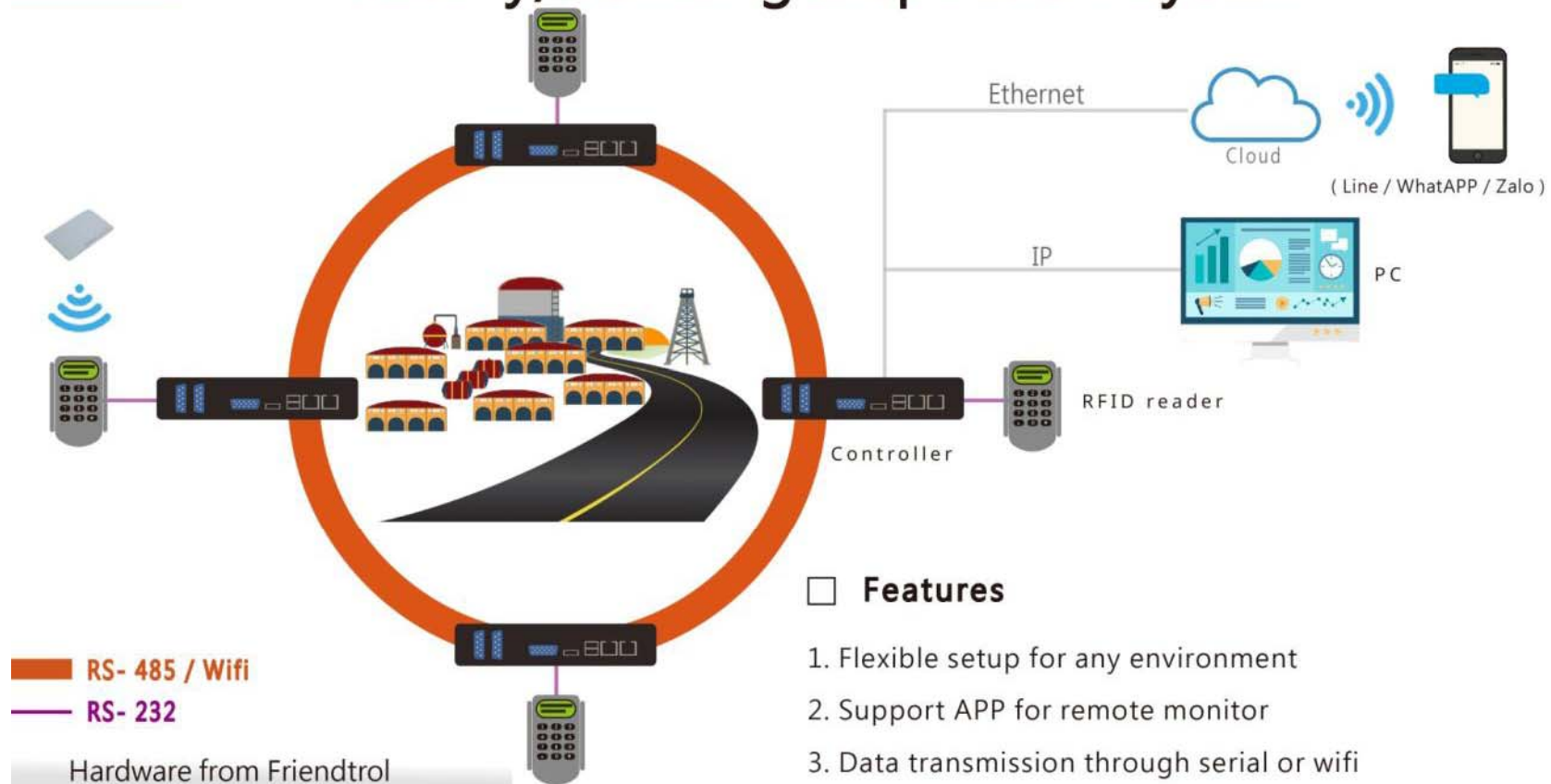


Our APP



Examples of more applications_____

Factory/Building Inspection System



RS- 485 / Wifi

RS- 232

Hardware from Friendtrol

SER-5201 / CTR-3201M

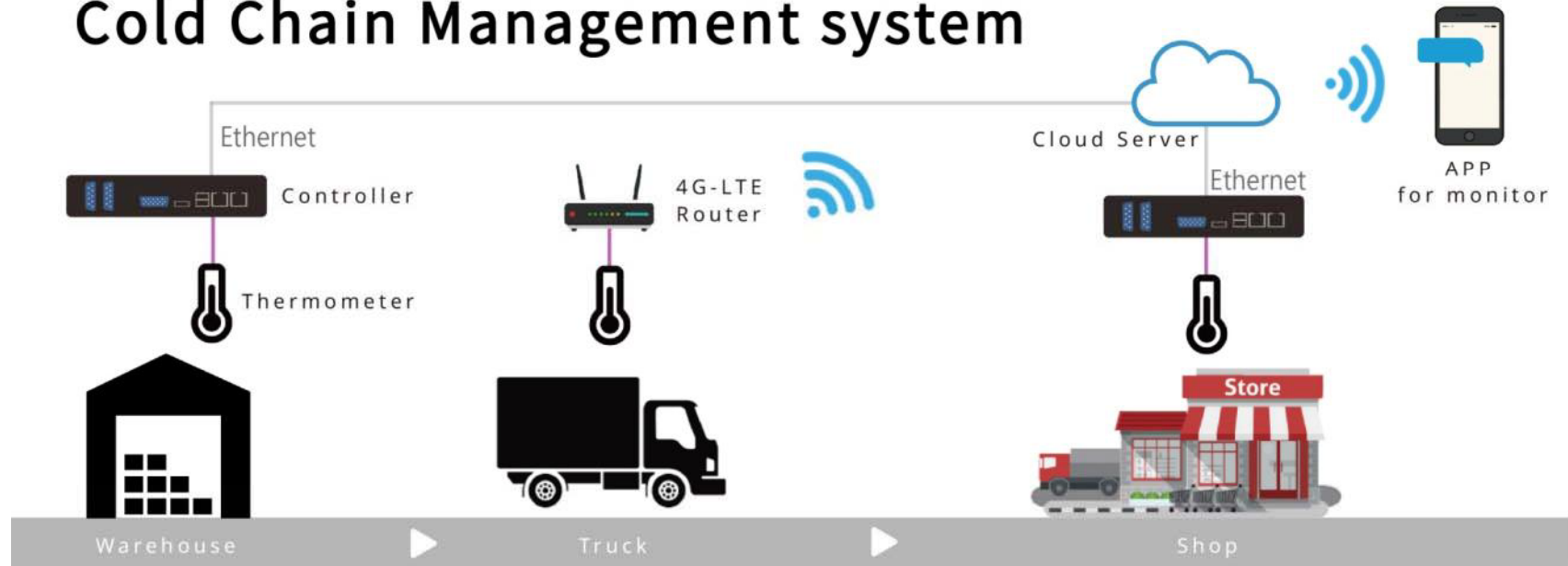
Software from Friendtrol

Factory Inspection System

□ Features

1. Flexible setup for any environment
2. Support APP for remote monitor
3. Data transmission through serial or wifi
4. Provide API for connecting to other device or services
5. Support multi languages
6. Support database storage

Cold Chain Management system



RS-232

Hardware from Friendtrol

IPR-3201G/CTR-3201M

Software from Friendtrol

Cold Chain Management System

□ Features

1. Real time data collection
2. Provide API for other services or devices
3. Support APP
4. Support multi shops/trucks/warehouses
5. Integration with GPS on trucks
6. Route history storage

Vehicles Management system

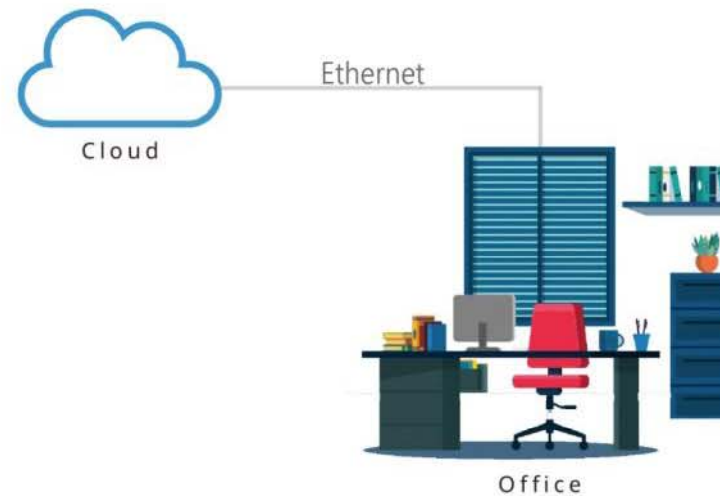


Hardware from Friendtrol

IPR-3201G

Software from Friendtrol

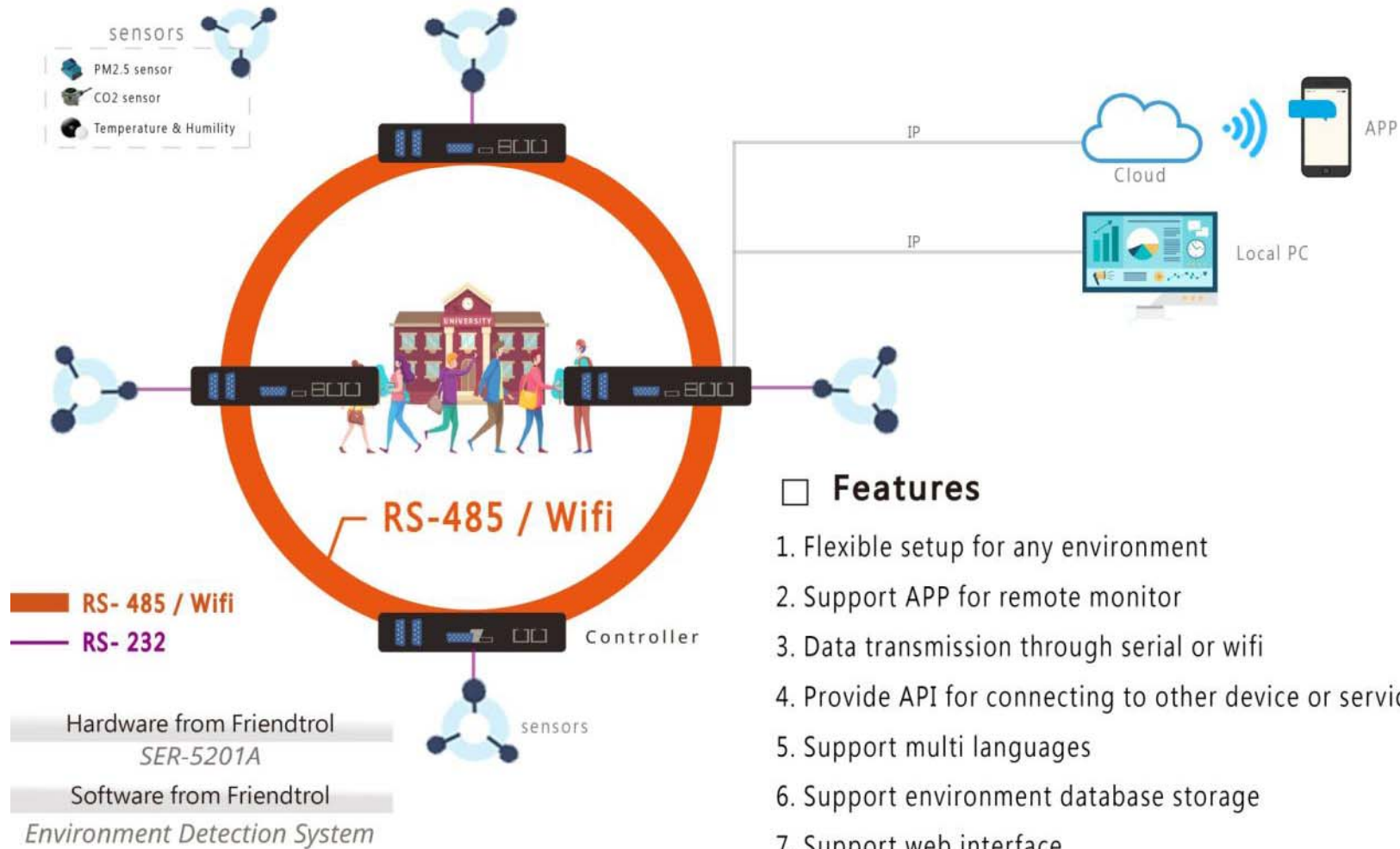
Vehicles Management System



Features

1. Integration with GPS on vehicles
2. Provide API for other services or devices
3. Support multi vehicles
4. Route history storage
5. Communication with drivers immediately

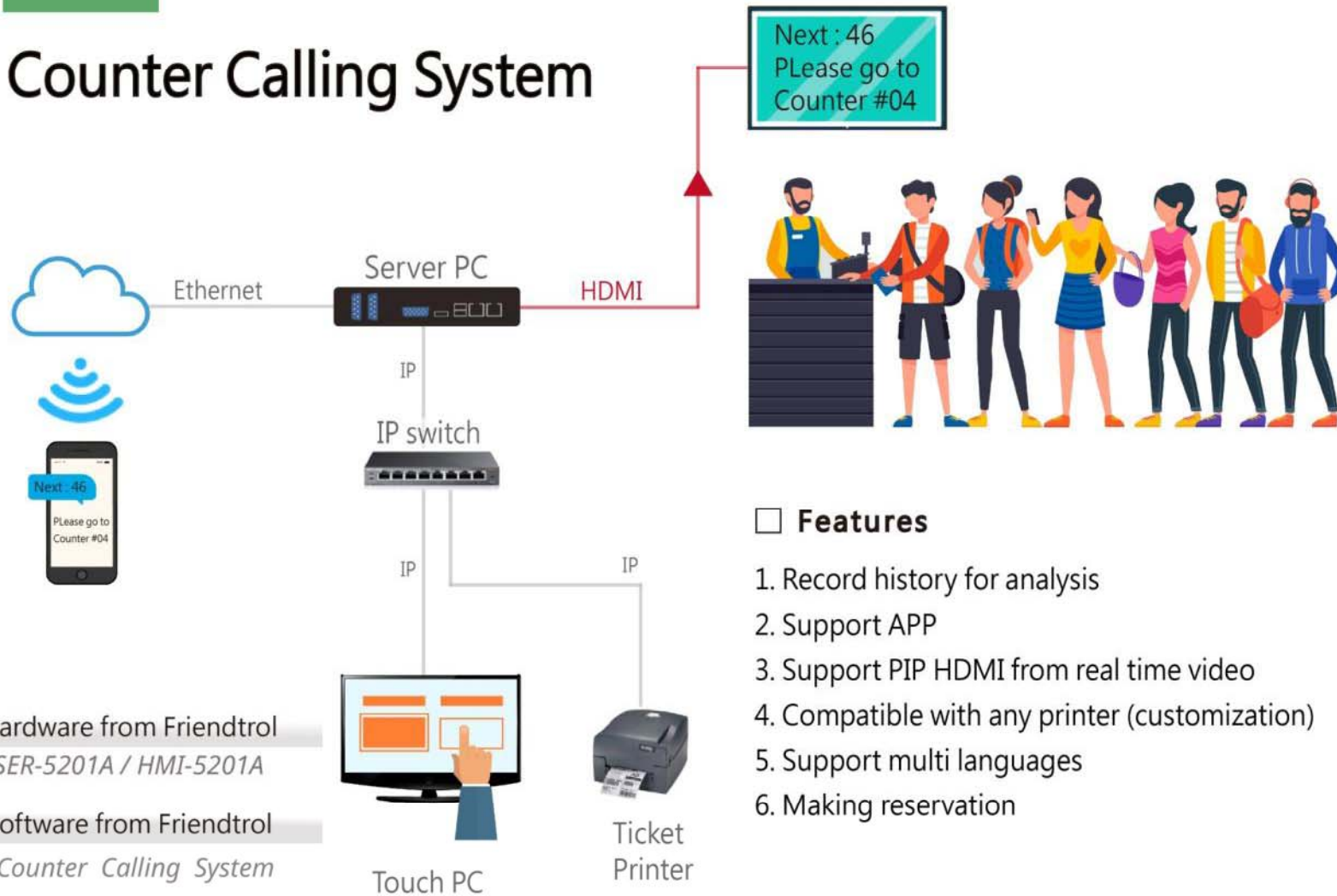
Environment Detection System



□ Features

1. Flexible setup for any environment
2. Support APP for remote monitor
3. Data transmission through serial or wifi
4. Provide API for connecting to other device or services
5. Support multi languages
6. Support environment database storage
7. Support web interface

Counter Calling System



Hardware from Friendtrol
SER-5201A / HMI-5201A

Software from Friendtrol
Counter Calling System

□ Features

1. Record history for analysis
2. Support APP
3. Support PIP HDMI from real time video
4. Compatible with any printer (customization)
5. Support multi languages
6. Making reservation

Human Resource System



Hardware from Friendtrol

SER-5201A

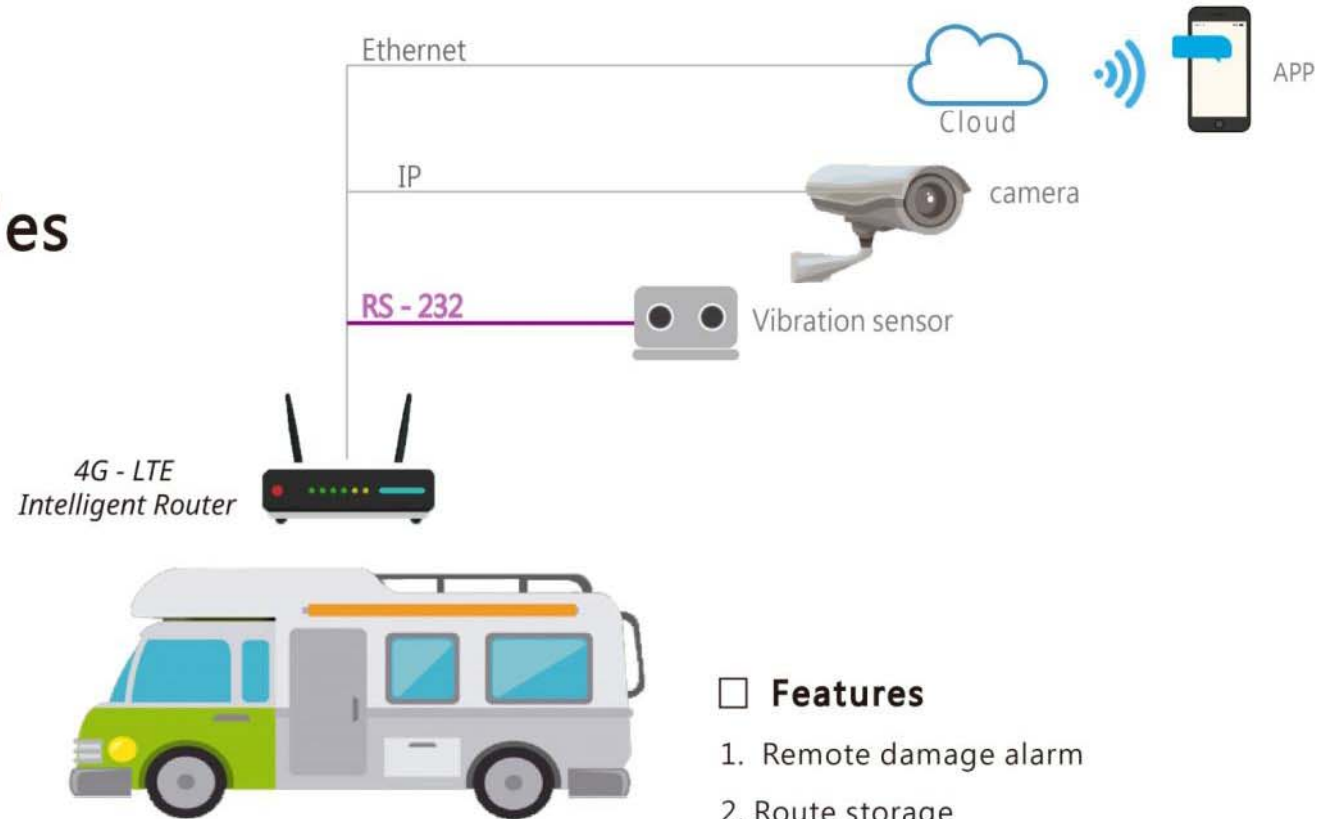
Software from Friendtrol

HR System

Features

1. A completed HR system
2. Support APP for manager
3. Support Face Recognition AI camera
4. Provide API for connecting to other services or devices
5. Support multi languages
6. Support remote leave application

Internet of Vehicles



Hardware from Friendtrol

IPR-3201G

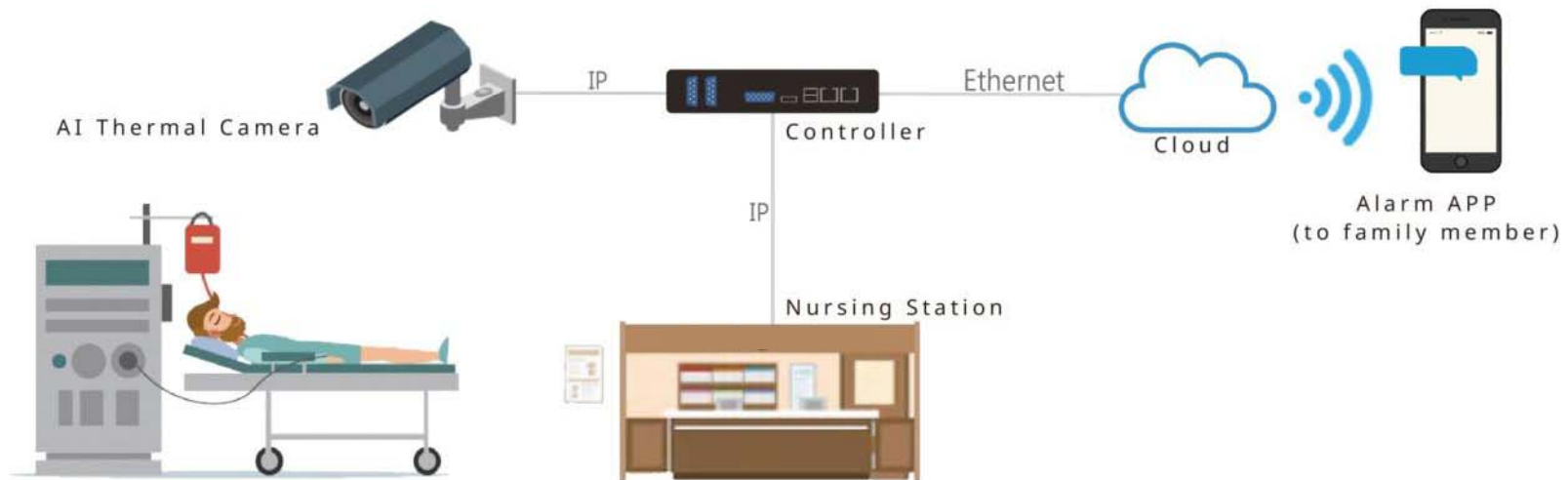
Software from Friendtrol

IOV System

□ Features

1. Remote damage alarm
2. Route storage
3. Support vehicle surveillance system
4. Provide API for other services or device
5. Support APP
6. Support CANBUS/ODB (optional)

Life Monitor System



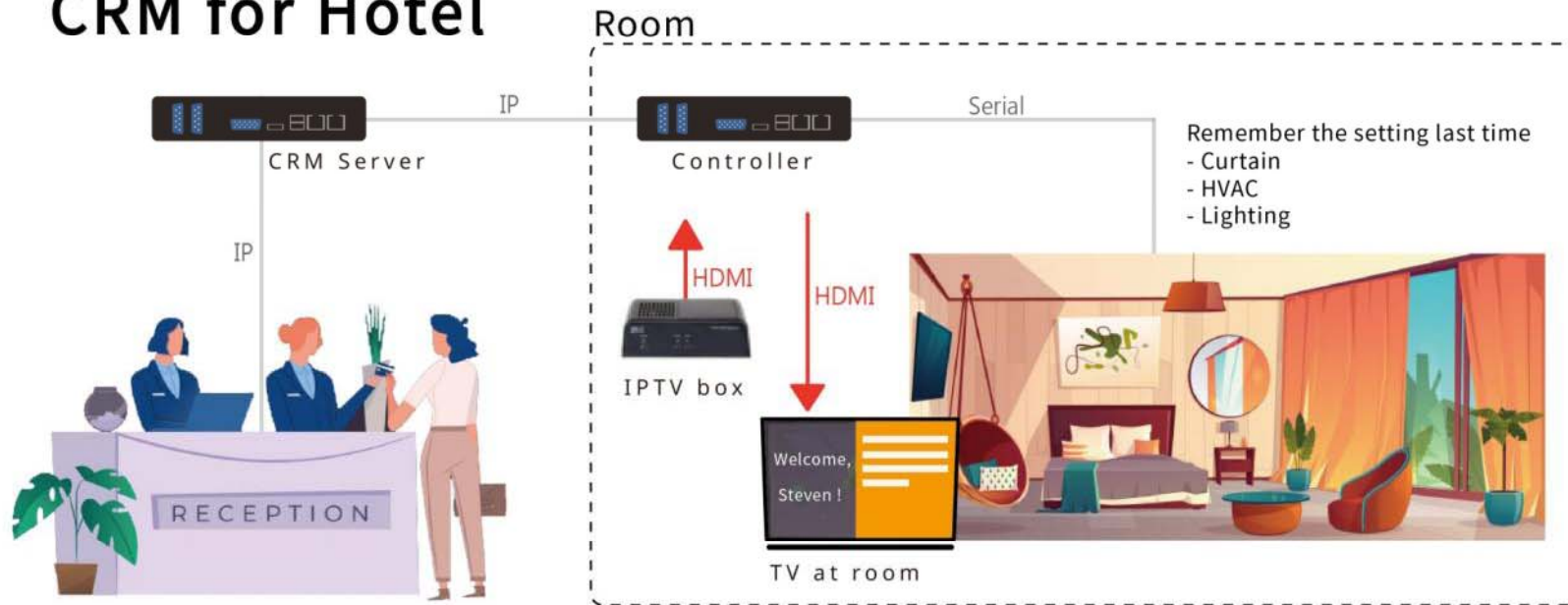
Hardware from Friendtrol
CTR-5201A

Software from Friendtrol
Life Monitor System

□ Features

1. Emergency alarm
2. Remote alarm to family member via APP
3. Life status detection by AI analysis
4. Provide API for other services or device
5. Integration between thermal and normal camera
6. Support multi language

CRM for Hotel



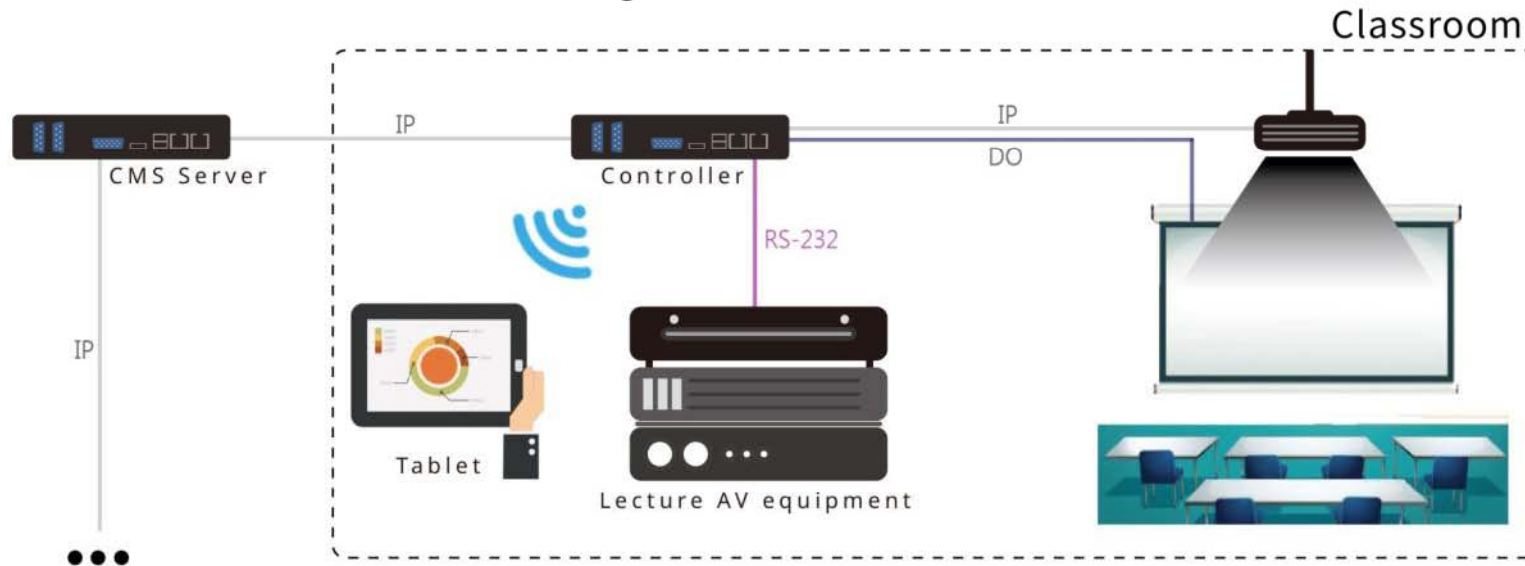
Hardware from Friendtrol
SER-5201A

Software from Friendtrol
Hotel CRM System
(Customer Relationship
Management System)

□ Features

1. Record history for analysis
2. Support PIP HDMI from real time video (adjustable transparent rate)
3. Compatible with other devices in the room (customization)
4. Support multi languages
5. Provide API for connecting to other services
6. Support APP (customization)

Smart Classroom System



Hardware from Friendtrol

CTR-3201A / SER-5201A

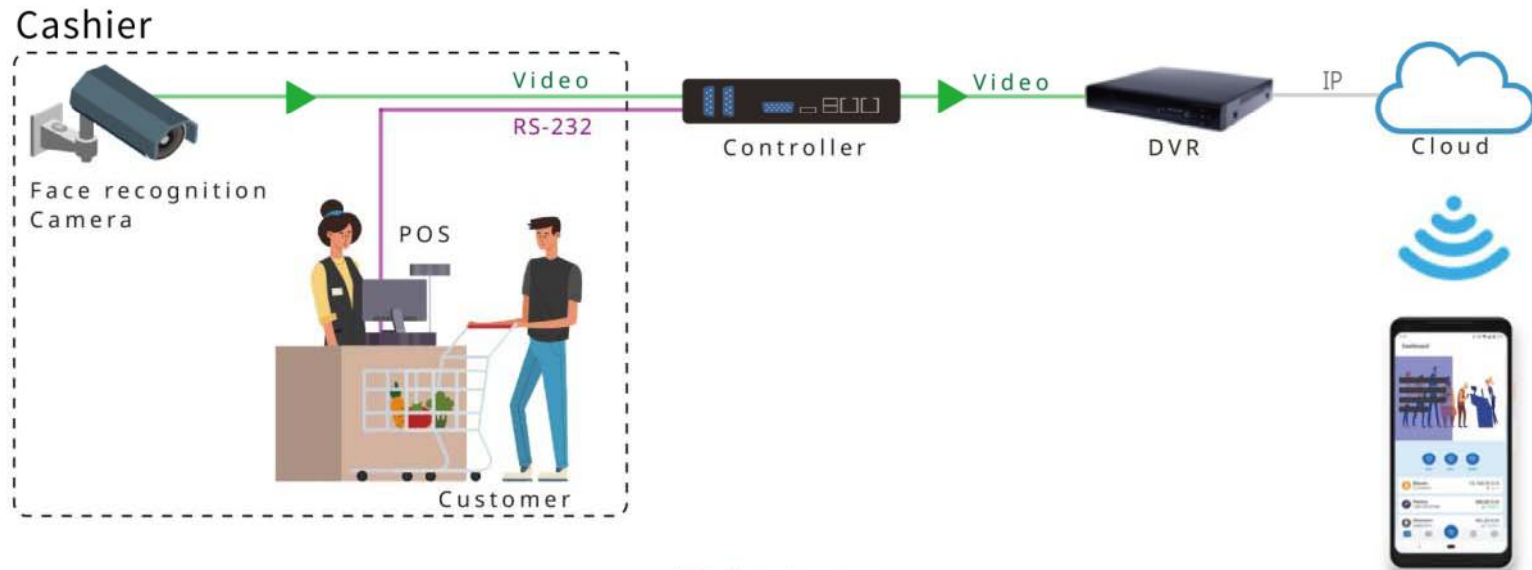
Software from Friendtrol

Smart Classroom System

□ Features

1. Control everything in the classroom
2. Manual control via Tablet
3. CRM (Central Management System) for whole campus
4. Provide API for other services or device
5. Support multi language

Consumption Recorder



Hardware from Friendtrol

CTR-3201D

Software from Friendtrol

Consumption Recorder System

□ Features

1. Support PIP signal from POS onto DVR/NVR
2. Support multi language
3. Provide API for connecting to other services
4. Support APP (customization)
5. Compatible with other devices in the space (customization)

Lighting Management System



Hardware from Friendtrol
SER-5201A / CTR-3201C2

Software from Friendtrol
Lighting Management System

精實工廠解決方案

智能化經營

系統串接

ERP

智能化製造

製造可視化
智能中控中心

物料品質管理

製造執行管理

CNC/刀具管理

燈號、電子看板、
移動裝置

製造營運管理系統

智能化裝置

加工中心

工業機器人

AGV/ RFID

生產報工E化

生產/檢測設備

數據採集

全整合自動化

大數據分析

SPC

最佳化控制

機器學習

分析預測

報表整理/可視化

AI

Big data

Data Warehouse & Enterprise Service Bus

實績案例

- 機聯網系統
- PLC/CNC/機器手臂資料收集
- 氣體監視系統
- 稼動管理系統
- 報工/派工系統
- 廠務管理系統
- 品質管理系統
- 金屬澆鑄冷卻控制系統
- 冷鏈物流系統
- 環控系統

台北總公司:
新北市新莊區建安街69號3樓

中部據點:
彰化縣芬園鄉光華路46號

誠徵合作夥伴
歡迎交流討論