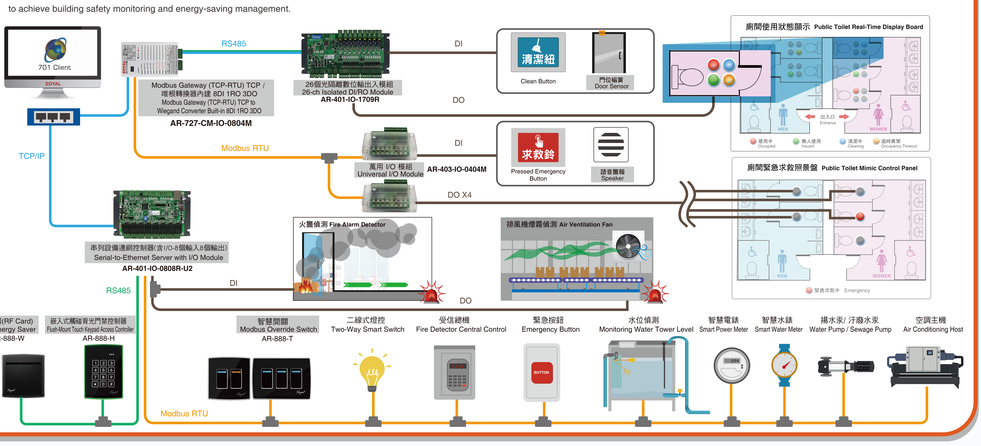
智慧建築/智慧大樓
SMART BUILDING

SOYAL®
ACCESS & INDUSTRIAL CONTROL

5 智能大樓安全監控與節能 Smart Building Security Monitoring and Energy-saving Solution

SOYAL提供各自網絡型控制器與Modbus I/O模組可連接大樓裡的燈光/冷氣/灑水/窗簾/水塔偵測/廁所緊急壓扣等各種設備做到大樓安全監控與節能管理

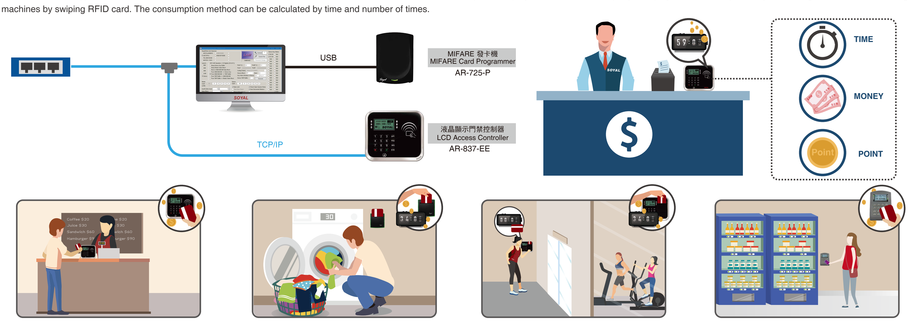
SOYAL provides various TCP/IP controller and Modbus I/O modules that can be connected to various kinds of equipment in the building such as lights/Air conditioning/Sprinkler/Curtain/Water tower detection/Toilet emergency button to achieve building safety monitoring and energy-saving management.



6 智能消費系統 Smart Consumption System

SOYAL Mifare 加密儲值消費設備AR-725-P跟AR-837-E可做到離線或者連線儲值跟消費，員工可在公司共用員工餐廳，健身房，飲料機，洗衣機等做計時/計次等刷卡消費

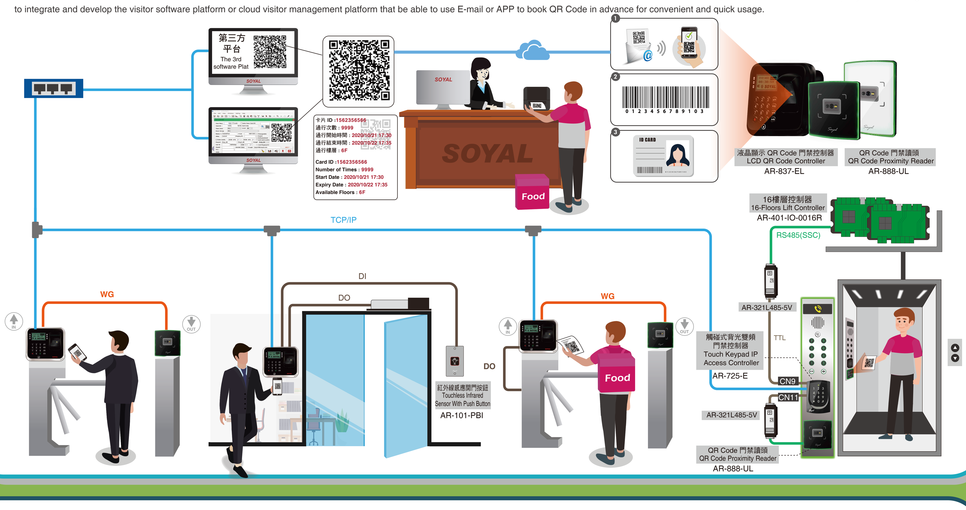
SOYAL Mifare encryption devices AR-725-P and AR-837-E can be used for offline or online stored-value and consumption. Employees can use the company's employee restaurant, public Gym, beverage machine and washing machines by swiping RFID card. The consumption method can be calculated by time and number of times.



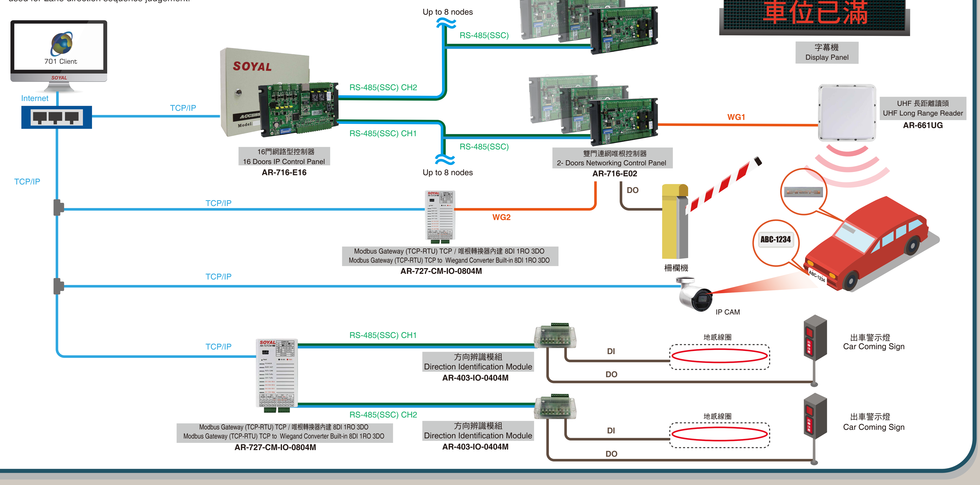
7 智能訪客管理方案 Smart Visitor Management Solution

SOYAL 提供兩款 QR Code 設備:螢幕型控制器 AR-837-EL與 讀頭型 AR-888-UL 可與用於大樓社區訪客或臨時人員掃描QR Code 進入大樓；通行時段精確至分鐘計算或限制通行次數。使用過程全程無接觸，杜絕染疫風險；SOYAL提供 QR Code 格式協議，可方便第三方軟體商整合開發訪客軟體平台或雲管理平台，做到用E-mail或APP提前預約 QR Code，方便快速使用。

SOYAL provides two QR Code devices: the screen controller AR-837-EL and the reader AR-888-UL that can be used in Community or Building for visitors or temporary personnel to scan QR Code to enter the building; the visit limits can be set by date/hour/minutes and number of times. The processing of visiting is contactless to eliminate the risk of infection; SOYAL provides QR Code format protocol, which is convenient for third-party software integrator to integrate and develop the visitor software platform or cloud visitor management platform that be able to use E-mail or APP to book QR Code in advance for convenient and quick usage.



8 智慧停車管理方案 Smart Car-Parking Management Solution

SOYAL提供各種停車解決方案適用於社區與大樓，既可用長距離UHF讀頭讀取E-Tag判斷車輛進出;也有整合車牌辨識攝影機,透過TCP/IP轉WG轉換器AR-727-CM-IO將WG號碼傳送給控制器做判斷開啟柵欄；同時也已經實現了透過車辨跟E-Tag雙重辨識方可開啟柵欄的方案，安全性更高；同時可用SOYAL 萬用模組AR-403-IO做到方向辨識。

SOYAL provides various Car-Parking solution recommended in Community or Building Parking; it can not only use UHF Long range reader to actively read E-tag number, and then send to SOYAL Controller for vehicle access , but also has integrated SOYAL TCP/IP to WG Converter AR-727-CM-IO with IP based LPR Camera for LPR verification that configure a license plate number to a specific Wiegand ID number , then send the Wiegand ID number through TCP/IP to WG Converter to SOYAL Controller to trigger barrier for vehicle access; Double verification of LPR and E-Tag to trigger barrier is performance with higher safety; SOYAL universal module AR-403-IO can be used for Lane direction sequence judgement.