

Your Trustworthy Industrial IoT Partner



- Official Shop: <https://shop.usriot.com/>
- Inquiry Email: inquiry@usriot.com
- For Strategic Partnership: ceo@usr.cn
- Floor 12 and 13, CEIBS of Maolingshan, Lixia District, Jinan, Shandong, China
- Wechat/Whatsapp: +86 13405313834



YouTube



Facebook



Industrial IoT Gateways Ranked First in China by Online Sales for Seven Consecutive Years *

*Data from China's Industrial IoT Gateways Market Research in 2023 by Frost & Sullivan

Industrial IoT Gateways Ranked **First** in China by Online Sales for Seven Consecutive Years*

*Data from China's Industrial IoT Gateways Market Research in 2023 by Frost & Sullivan

National "little giant" Firms

National High-Tech Enterprise



28M\$ Funding

28 Million Dollars
Series A B C Rounds Total

97⁺ Countries

97+ Countries using our products

25 M⁺

25 M+ Devices deployed
worldwide

3 Business

USR IOT networks,
USR IIOT solutions, PUSR EMS

2 Factories

Jinan/Suzhou

Your Trustworthy Industrial IoT Partner

Leading industrial IoT software and hardware solutions provider

Shandong USR IOT Company Limited

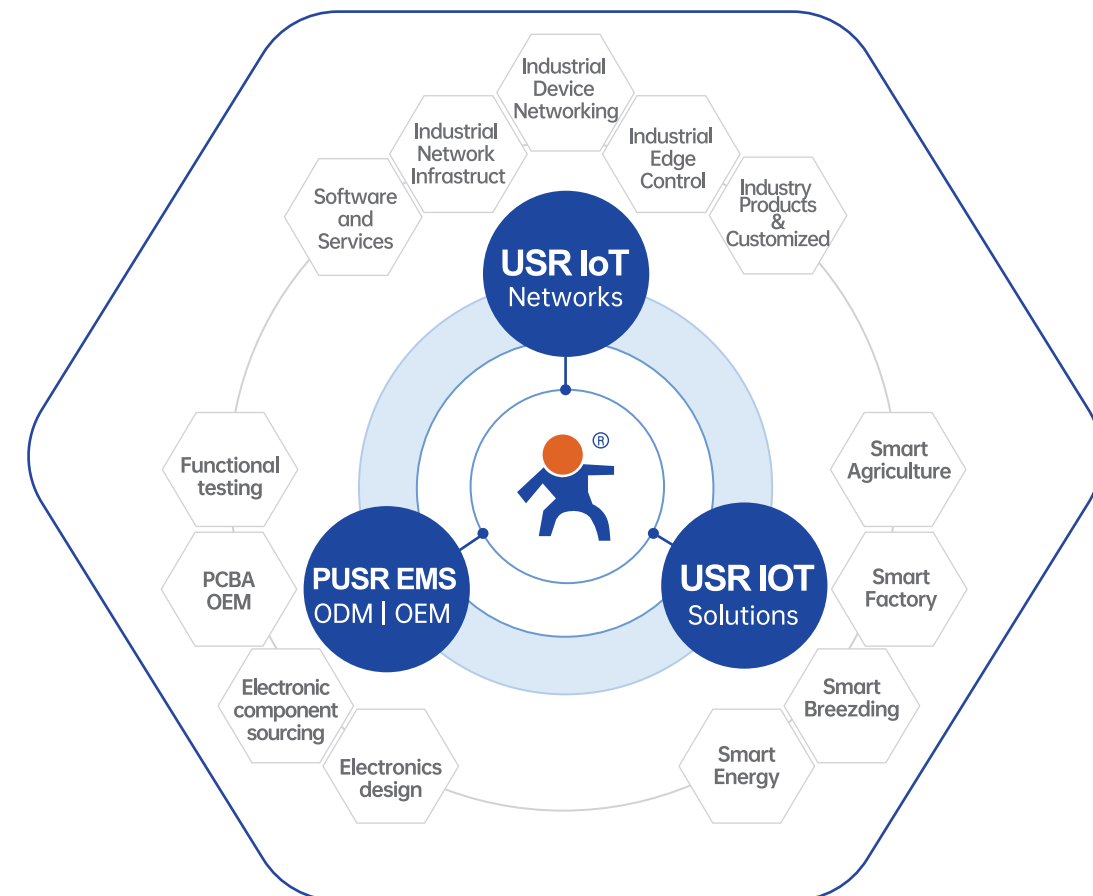
With more than 600 employees and nearly \$28 million in financing

Has own factory with full industry chain service capabilities from chips to cloud.

Provides customers with communication gateways, networking modules, cloud platforms and IoT solutions



Corporate Video



PUSR CLOUD

PUSR CLOUD-An automated system dedicated to IoT system deployment

IOT platform

Network management

Gateway management

SIM card oplatform

PV Energy

Smart Water Utilities

AGV Robots

HAVC

Data-Driven Retail Ecosystem

Digital Farming

P5-16

IOT GATEWAYS

Network Infrastructure



Industrial 4G/5G routers



Industrial switches



Wireless AP/clients



Wireless bridge

Industrial Networking Equipment



Seial to 4G



Serial device server



Lora networking



CAN to serial/ethernet



IOT modules

Intelligent sensing device

Industrial edge gateway



Edge computing gateway



Industrial PC



IPC with HMI



Remote IO

Industrial sensors and meters



Low-power data logger with built-in battery



Sensors and meters

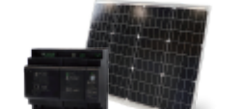


Low-power data logger with sensors

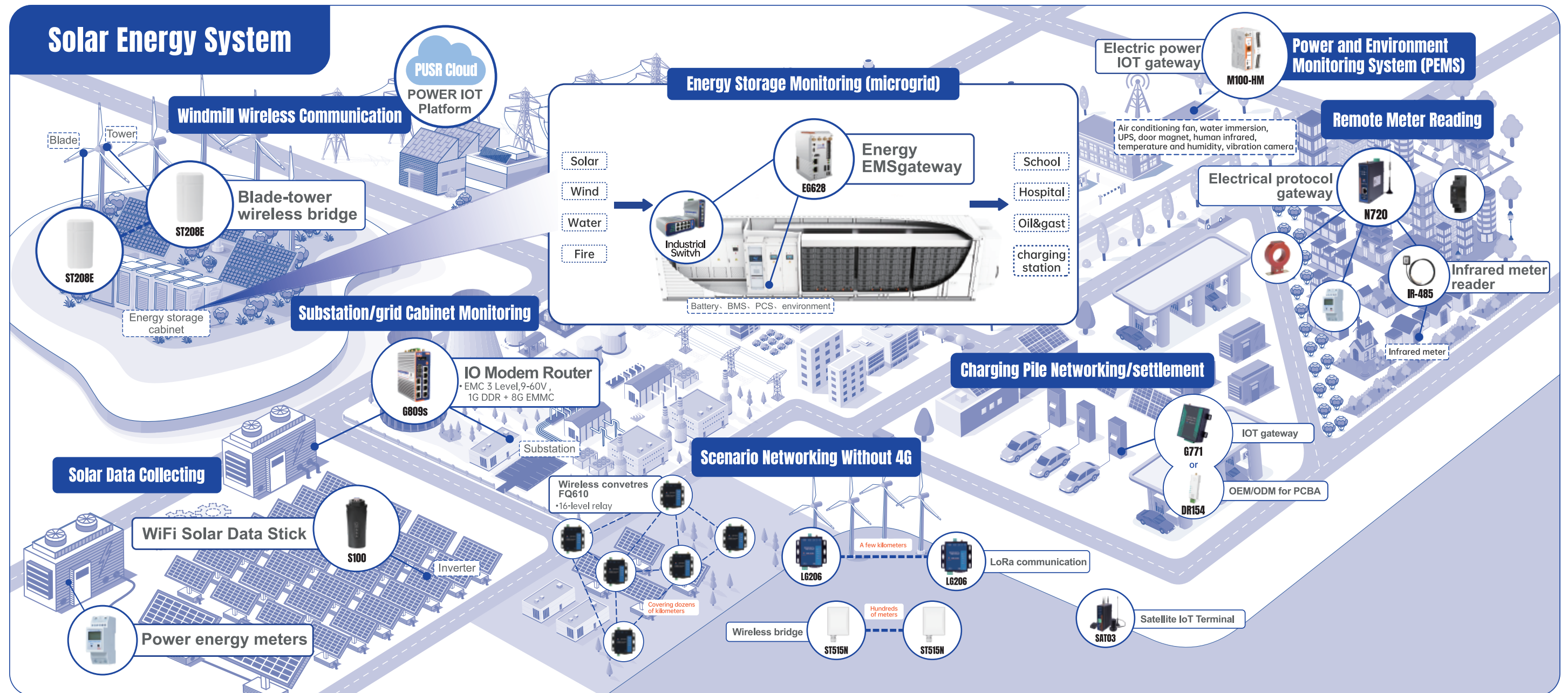
Industrial Accessories



WiFi Solar Data Logger



Industrial accessories



Residential/Distributed Photovoltaic (PV)



Utility-scale PV plants



Energy Storage Power Station



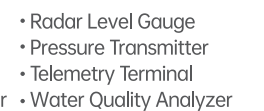
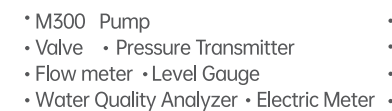
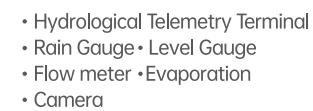
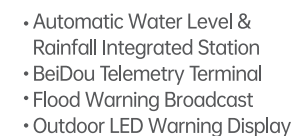
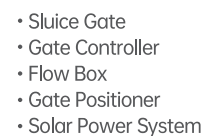
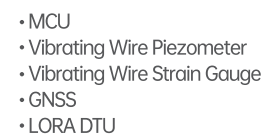
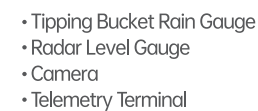
EV Charging Pile Network

Smart Water Conservancy Scenario

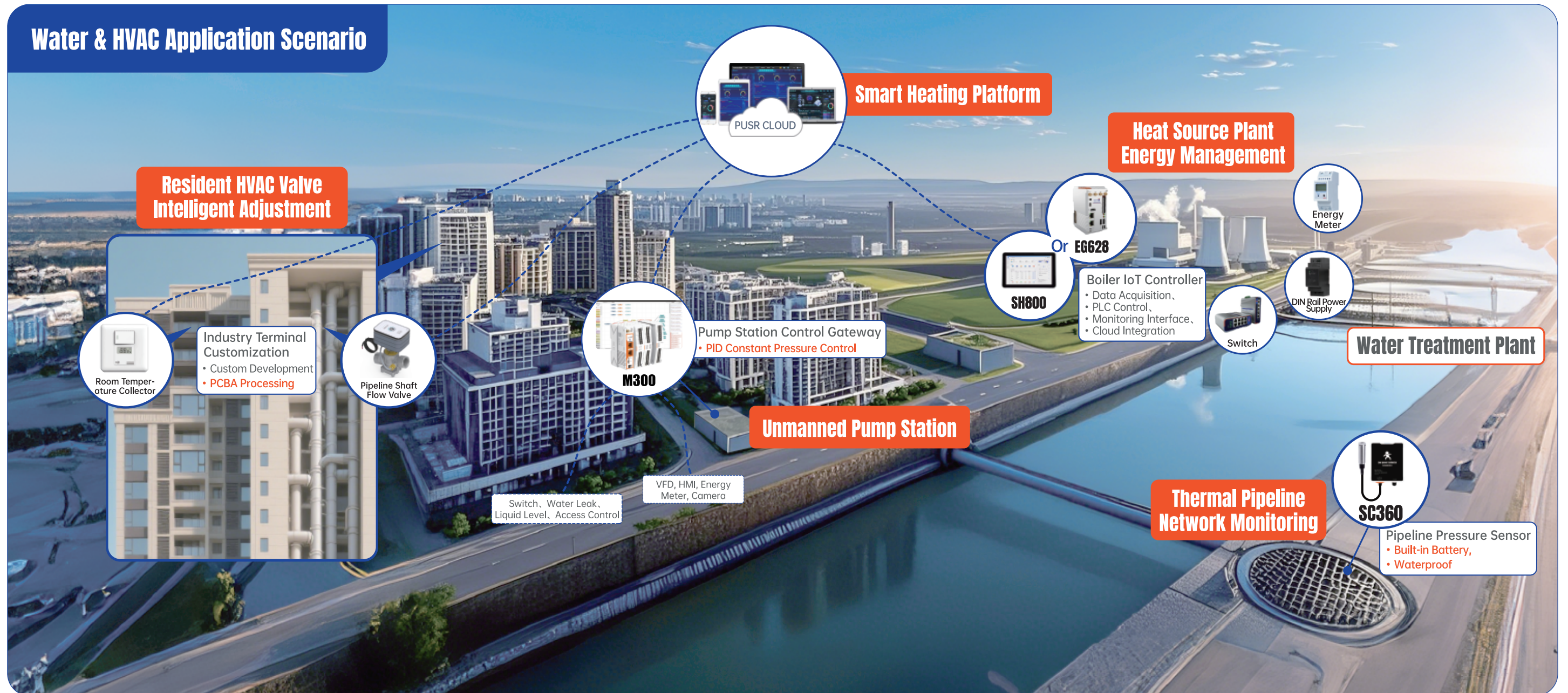
The infographic illustrates a comprehensive smart water conservancy system with the following components and systems:

- Rainfall and Water Monitoring:** Includes a Telemetry Terminal, Radar Water Level Gauge, and Camera.
- Dam Safety Monitoring System:** Features a Monitoring Platform, GNSS, and a Vibrating Wire Sensor Piezometer Liquid Level Gauge.
- Flood Disaster Monitoring and Early Warning System:** Includes a Flood Warning Broadcast and GNSS.
- Tank Area Integrated Monitoring and Control Gate System:** Includes a Solar Power Supply System, Sluice Gate, Gate Controller, Flow Measurement Box, and Gate Position Meter.
- Hydrological Monitoring System:** Includes an Outdoor LED Warning Display, Rain Gauge, Industrial Camera, Water Level Gauge, and a Water Quality Monitoring Station.
- Water Withdrawal Monitoring System:** Includes an Ultrasonic Water Meter, Telemetry Terminal, and Evaporation Amount sensor.
- Rural Potable Water Security Monitoring System:** Includes a Pipeline Monitoring Terminal, Ultrasonic Water Meter, and a Water Pump PLC.
- Water Treatment Plant Supply System:** Includes a Water Pump PLC and a USR-M300 sensor.
- Solar Power System:** Includes an Energy Storage Battery, Photovoltaic Module, and a USR-M100 sensor.
- Subsurface Utility Monitoring System:** Includes a Pipeline Pressure Sensor, Pressure Transmitter, Radar Water Level Gauge, and Telemetry Terminal.
- Pump House Monitoring:** Includes a Water Leakage Alarm, Liquid Level sensor, Water Pump Switch, and USR-M100 sensor.

Additional components shown include a Beidou Satellite, a Water Level Gauge, a Flow meter, and a USR-M300 sensor.



Water & HVAC Application Scenario



Community Water Supply/Heating



Unmanned Pump House

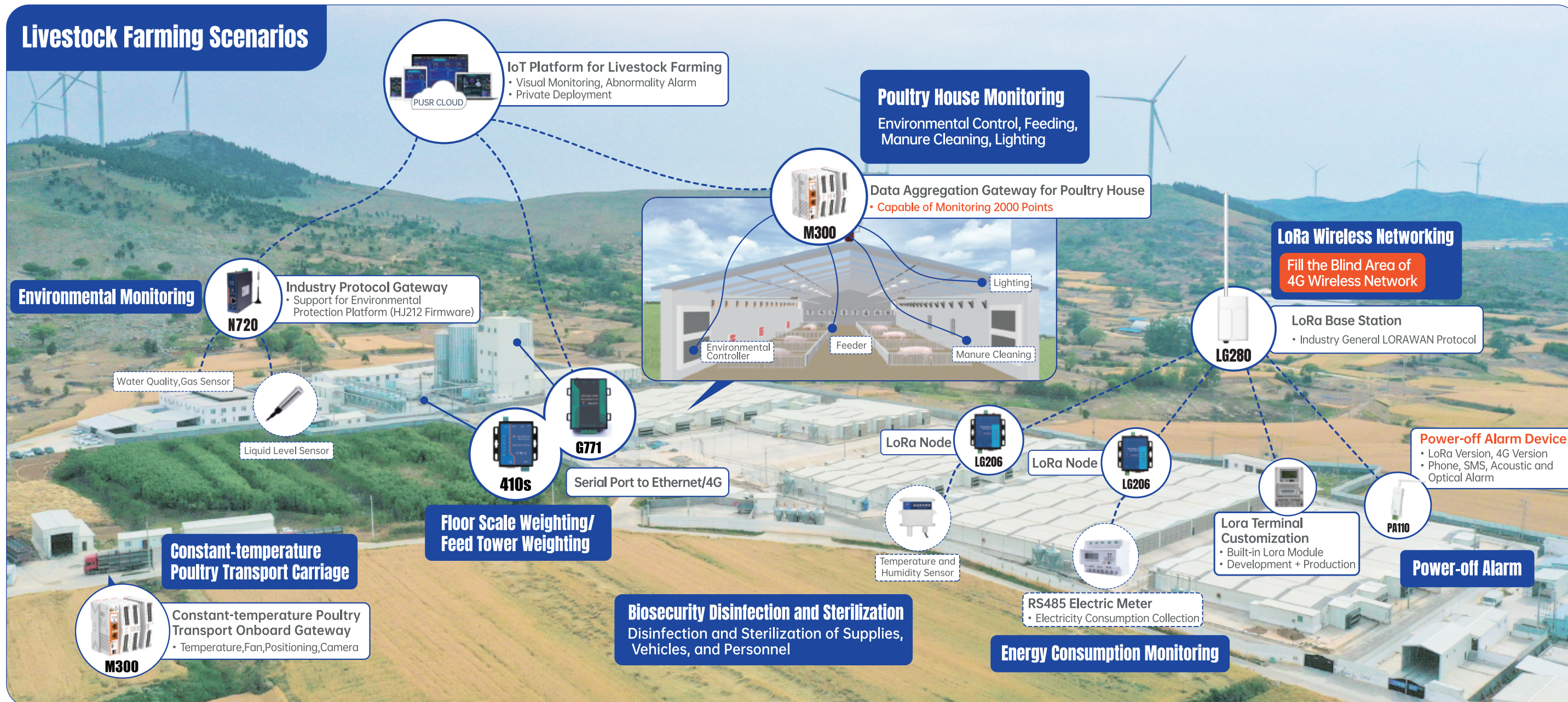


Water Plant Energy Saving



Water Supply Network Monitoring

Livestock Farming Scenarios



Muyuan(002714)



Wens (300498)



Rabbit Farming Base

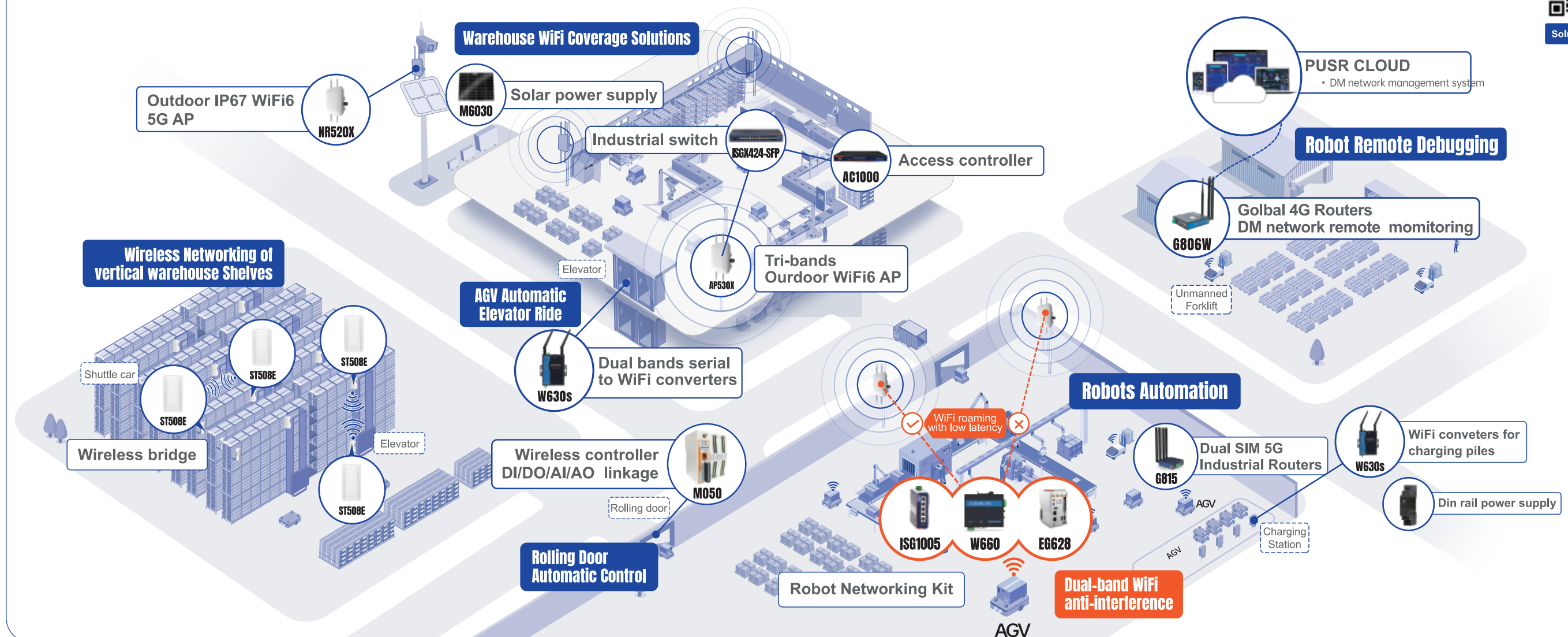


Twinst(000876)

Warehousing/Industrial Robots



Solution Video



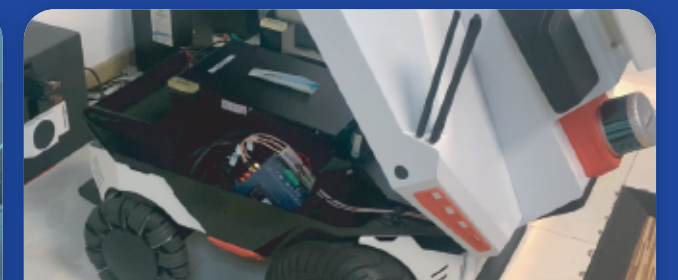
AGV Moving robot



Service robot in hotel

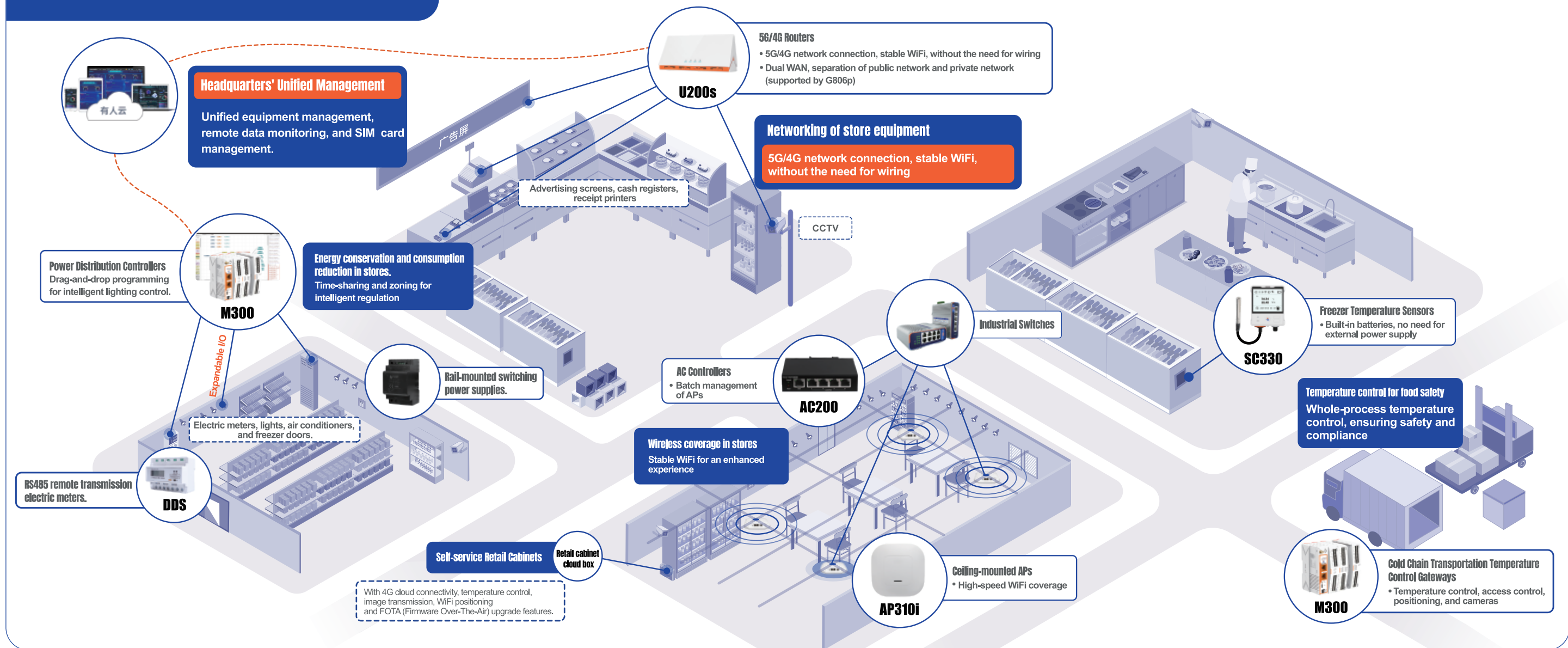


Low-speed unmanned vehicle



Power inspection robot

New Retail Chain Store Scenarios



Chain Catering



Self-service Retail Cabinets



Chain Pharmacies



Chain Retail Stores



R&D Excellence + Mass Production: Custom IoT Device Development & Bulk Delivery

ODM Electronic Design and EMS Electronic Manufacturing Services.

Industry-Tailored Solutions



Hydrological Telemetry Terminal

Serial port / IO data acquisition with 4G transmission to Hydrological platform, protocols 427,651



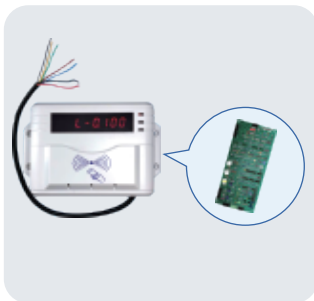
Freezer Data Logger

RS485/TTL measures temperature, humidity and power consumption, and data been transmitted via WiFi to the MQTT platform



Instrument Networking Interface Board

Collect pressure and liquid level gauge data at RS485/4~20mA and upload it via 4G



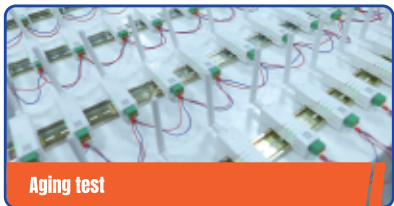
Campus Water Management Controller Board

4G Cat.1 cloud connection, Alipay payment connection, TTL signal controls the water output

Excellent Quality



Environmental Testing - High and Low Temperature & Temperature shock & Constant Temperature and Humidity



Aging test



ESD Susceptibility Test



Electrostatic Discharge Test



Surge Immunity Test



RF testing and debugging - 4G/WiFi