

Internet of Thing IoT Architecture Design



1 Device
อุปกรณ์ไอโอที

2 Connectivity
การสื่อสารผ่าน Internet

3 Platform
การประมวลผลข้อมูล

IoT Gateway



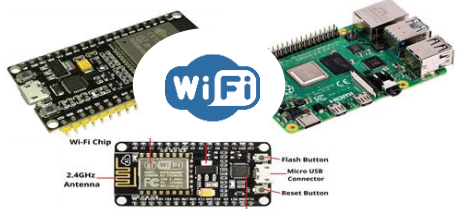
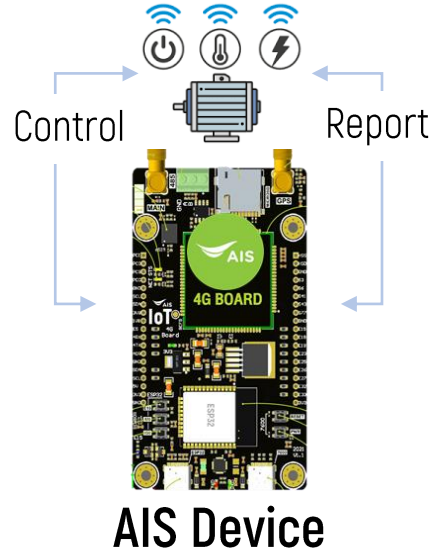
Features

- Connect Sensors
- Control Actuators



Big Challenges : Cost ▼ + Time ▼ + Quality ▲

AIS IoT and Ecosystem for Business



Your Device

(ESP32, ESP8266, Raspberry pi)



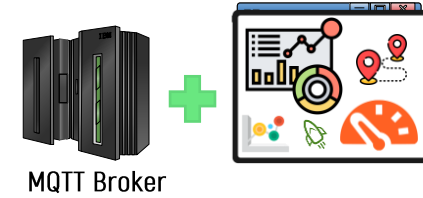
Internet

Internet



AIS IOT Platform

Protocol Support
(CoAP, MQTT/MQTTS, HTTPS)



Your Cloud & Platform



HTTPS/API

HTTPS/API



Your Solutions

Opportunity of IOT Solution Scenario

- Choice 1 : Your Device + SIM + Your Solutions
- Choice 2 : Your Device + SIM + IOT Platform for IOT Solutions
- Choice 3 : Your Device + SIM + iFarm for Smart farm Solutions
- Choice 4 : Your Device + SIM + IOT Platform + Your Solutions
- Choice 5 : AIS 4G Board + Your Platform

Use cases of M2M Services

- ▶ Smart tracking / MDVR SIM
- ▶ Mobile ATM SIM
- ▶ Telemetry SIM
- ▶ Scanner/Reader SIM
- ▶ Mobile EDC SIM
- ▶ Kiosk SIM
- ▶ Vending Machine SIM
- ▶ Digital Signage SIM
- ▶ CCTV SIM

Digital Signage SIM



Vending Machine SIM



Kiosk SIM



Mobile ATM SIM



Telemetry SIM



Scanner/Reader SIM



Mobile EDC SIM



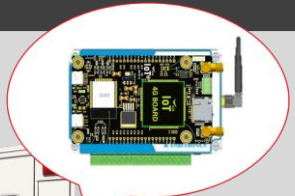
Smart tracking / MDVR SIM



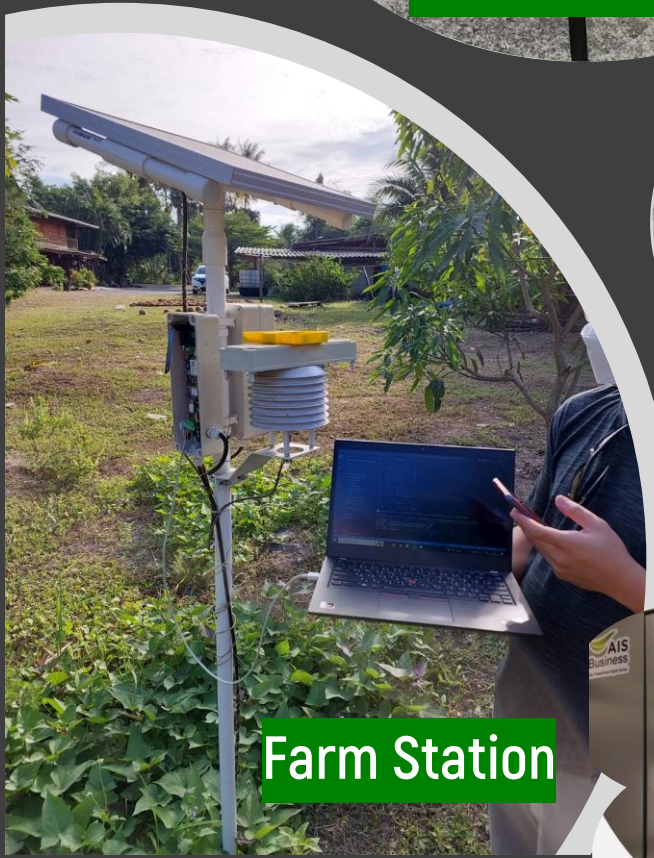
Water Level Station



Power Meter



Health Tech
"Smart Ambulance"



Farm Station



เทคโนโลยีการปลูกพืช
แบบไร้ดิน

Smart Farming



Weather Station

AIS IoT Ecosystem & Smart Solution Provider



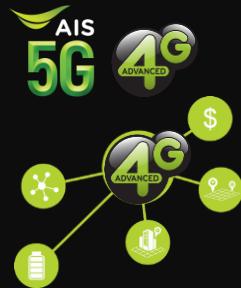
Devices

- AIS 4G Board
- NB-IoT Board



Internet

- AIS 5G
- AIS 4G
- AIS Fiber
- EDS Service



Platform

- Connectivity Platform
- AIS IOT Platform (Magellan)
- Smart Farm Web Application (iFarm)



Business Partner

- Tech-Integrations
 - Deep Tech – IOT device
 - Deep Tech – AI
 - Carbon Footprint
 - NECTEC - BlockFarm



Smart Solutions

- Manufacturing
- Transportation
- Property & Retail
- Agriculture
- Health



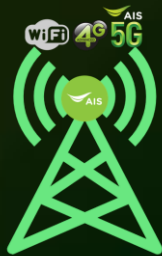
Up Skill & Re-Skill by AIS IoT technology



หลักสูตร Up & Re-Skill by IoT



Innovation Creation For Sustainable Business

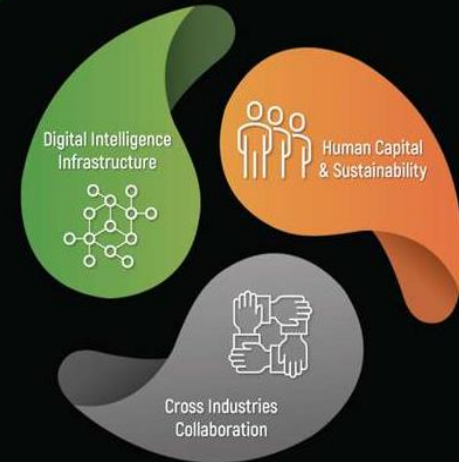


FARM
IoT Intelligent farm Service

AIS เติบโต อุ่นใจ
Business ไปด้วยกัน

Driving Long-term Value Creation

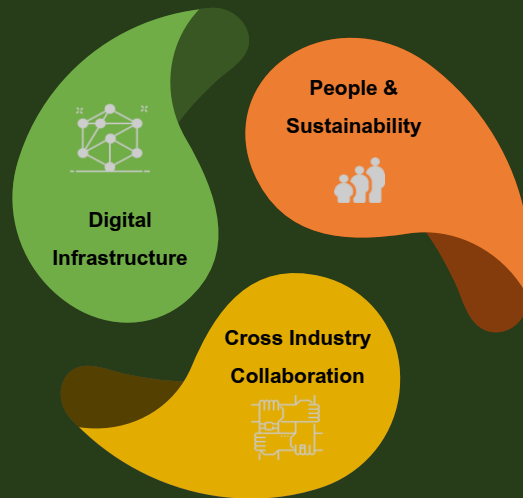
ECOSYSTEM ECONOMY





AIS ECOSYSTEM ECONOMY

เศรษฐกิจแบบแบ่งปัน



SUSTAINABLE NATION

เพื่ออนาคตของประเทศไทยที่ยั่งยืน



Your Trusted Smart Digital Partner

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Call Center

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