2231.TT

CUB ELECPART INC.(2231)
2025 H1 Investor Conference

1

PART

集團簡介

CUB Introduction

CUB Group Introduction

Establishment
1979

Employees
1000+

Capital
TWD 1.409 Billion

CUB Group Affiliated Companies

Automobile Sensors, mmWave Radar, Current Sensor, Transportation system
(Changhua, Taiwan)
430+Employees

R&D
Sales
MFG

Subsidiary

CUBTEK
mmWave Radar Design & Sales
(Taiwan/Shanghai/Beijing/Guangzhou)
155+ employees

Cub (SH)
mmWave Radar / TPMS
(Shanghai, CN)
140+ employees

3S
AI & Thermal Imaging
(Taipei, Taiwan)
130+ employees

Harbinger Harvest Group
Transportation, Communication System Integration
(Taipei, Taiwan)
130+ employees

ITM
Automobile parts and Sensors
(US CA)
30 + employees

CUB Advantage

Testing Laboratory
3684

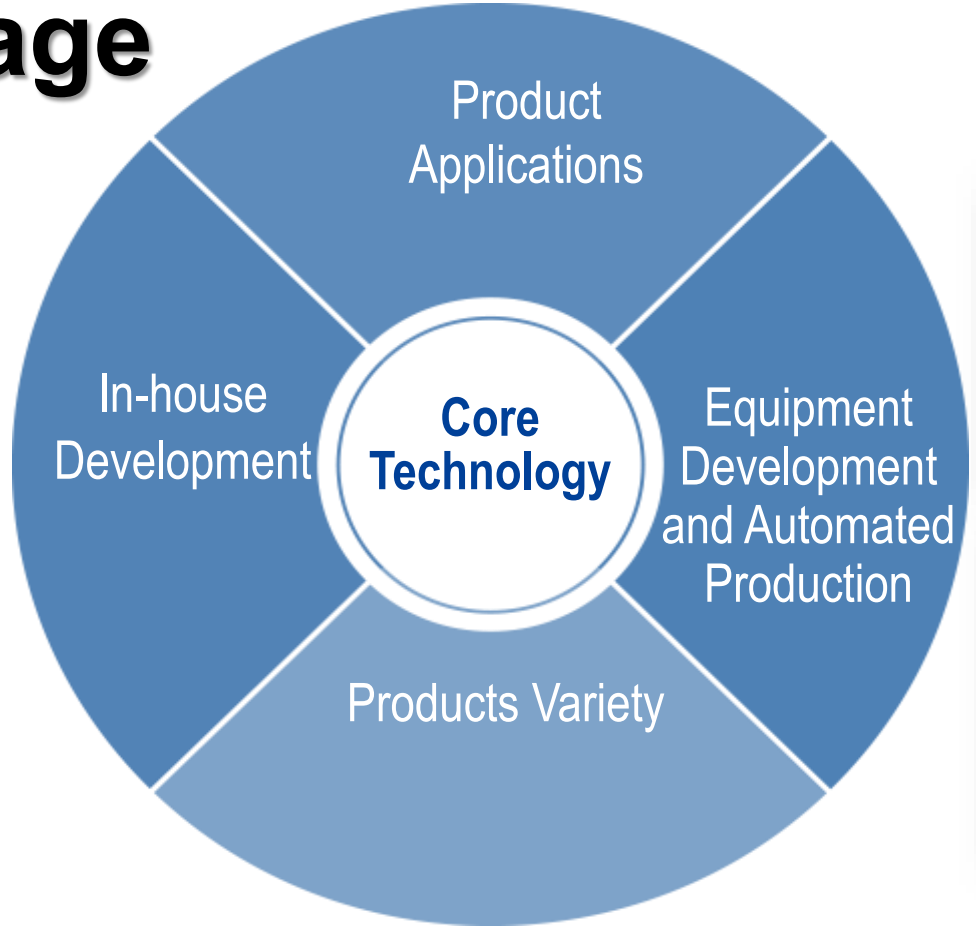
TAF Lab

Certificate of Accreditation

CUB ELECPARTS INC.
Cub Testing Laboratory

is accredited in respect of laboratory

Ching-Chang Lien



Automated Production line

Taiwan
Radar*1 , TPMS*2

SH
Radar*1 , TPMS*2

IATF 16949

ISO 14001

ISO 9001

ISO 26262

ISO 17025

2

PART

財務概況

Financial Statement

合併損益表(2020~2025 Q1)

單位：新台幣仟元 NTD Thousand	2020		2021		2022		2023		2024		2025 Q1	
	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	**Amount**	**%**
銷貨收入 Net sales	3,340,199	100	4,080,435	100	3,957,949	100	4,397,594	100	4,670,759	100	**881,563**	**100**
營業成本 COGS	2,067,788	62	2,409,425	59	2,313,881	58	2,649,478	60	3,135,319	67	**513,587**	**58**
營業毛利 Gross Profit	1,272,411	38	1,671,010	41	1,644,068	42	1,748,116	40	1,535,440	33	**367,976**	**42**
營業費用 OP Expense	886,043	26	1,078,348	26	1,191,354	30	1,290,599	30	1,222,457	26	**279,325**	**32**
營業利益 OP Profit	386,368	12	592,662	15	452,714	12	457,517	10	312,983	7	**88,651**	**10**
稅前盈餘 Profit before tax	292,503	9	582,507	14	634,612	16	477,441	11	689,774	15	**98,063**	**11**
本期淨利-業主 Consolidated income	244,534	8	515,928	12	629,723	16	450,954	11	474,882	10	**98,003**	**11**
基本每股盈餘 EPS（元）	2.03	-	4.23	-	4.7	-	3.20	-	3.37	-	**0.70**	**-**
資本額Capital	1,219(M)		1,219(M)		1,341(M)		1,409(M)		1,409(M)		**1,409(M)**	

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PART

產品簡介

Product Lines

Product Lines

Switch & Sensors

Crankshaft Position

Oil Position

Speed

Switch

mmWave Radar

4D image Radar

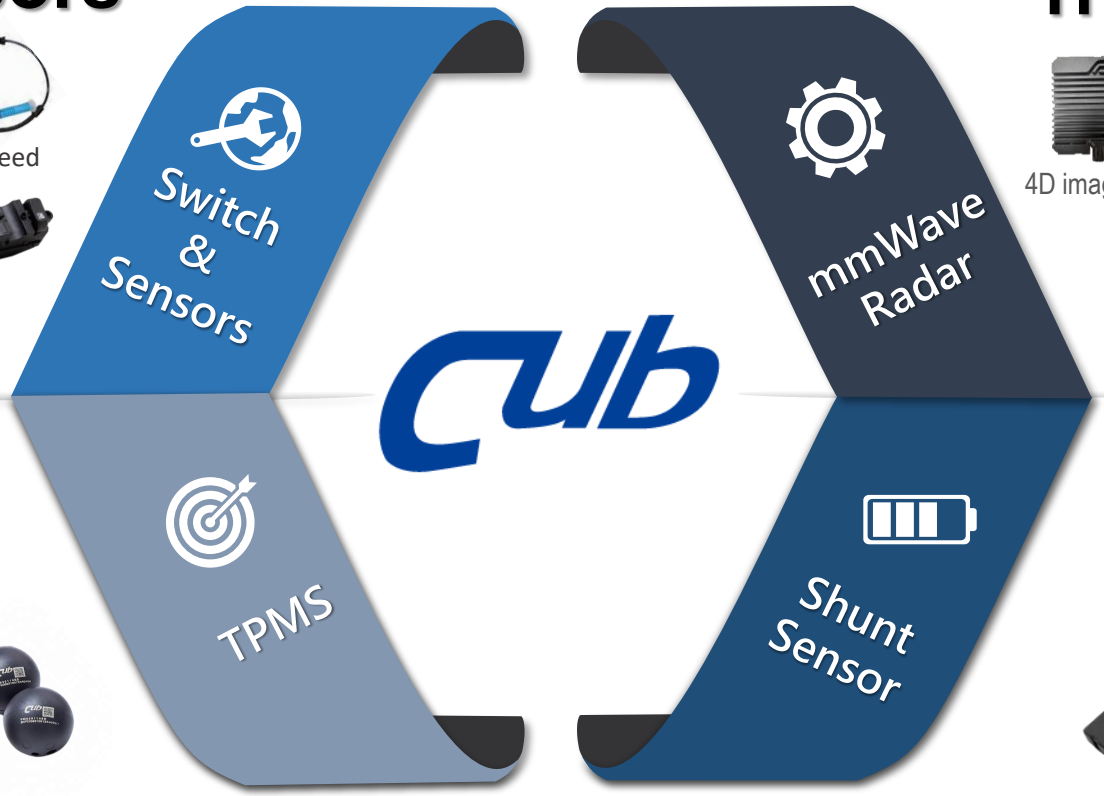
MRR

SRR

TA Radar

Vital sign Radar

KTO Radar



TPMS

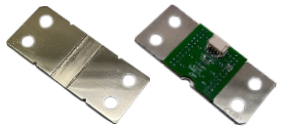
Universal TPMS

Motorcycle TPMS

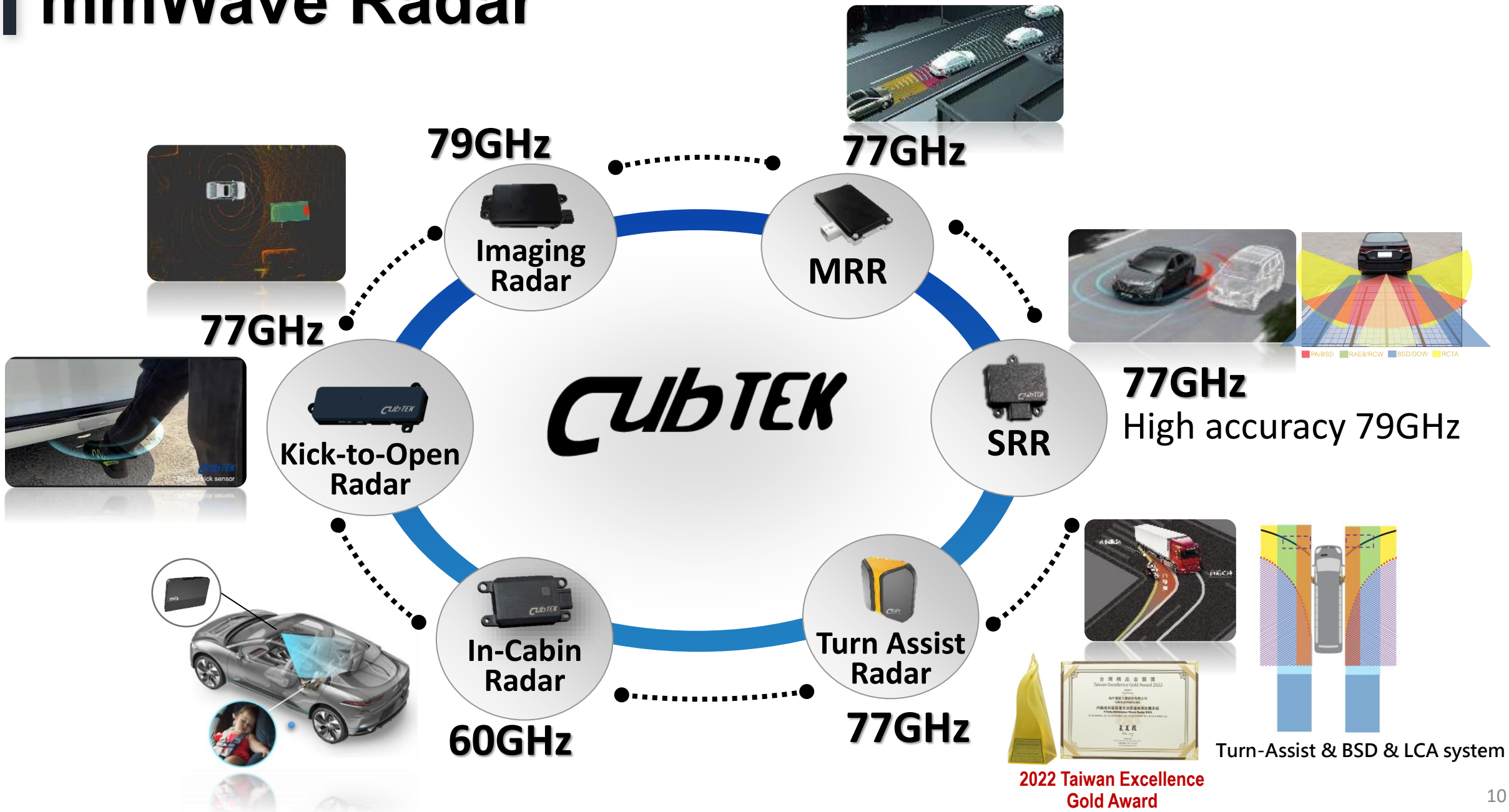
Ball TPMS

Shunt Sensor

Shunt Sensor


Resistor

mmWave Radar



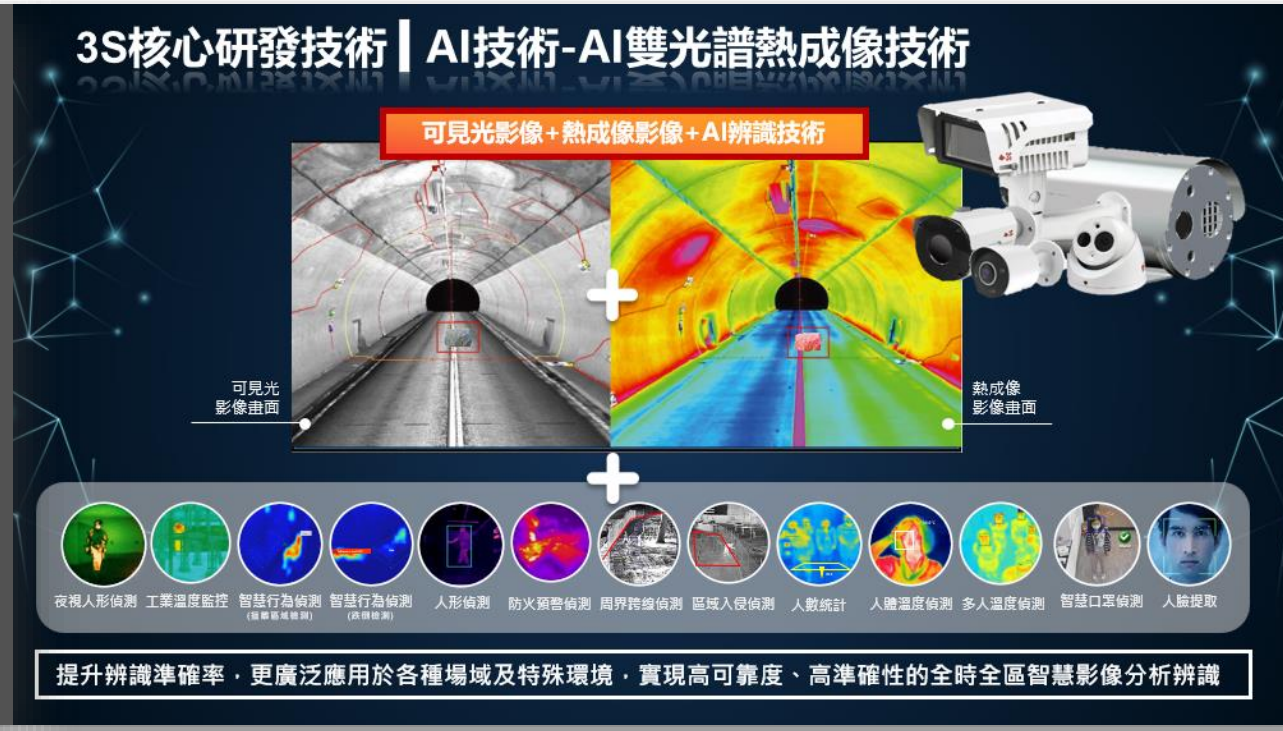
3S is an expert on AI camera & Thermal Camera

『AI Edge Computing IC』 Development

3S focus on the AI camera、 Thermal Camera、AI IoT equipment、 software development and OEM/ODM.

NDAA NATIONAL DEFENSE AUTHORIZATION ACT | TAA COMPLIANT | GSA Schedule Contract # 47QTCA24D0011

Thermal Camera AI Camera



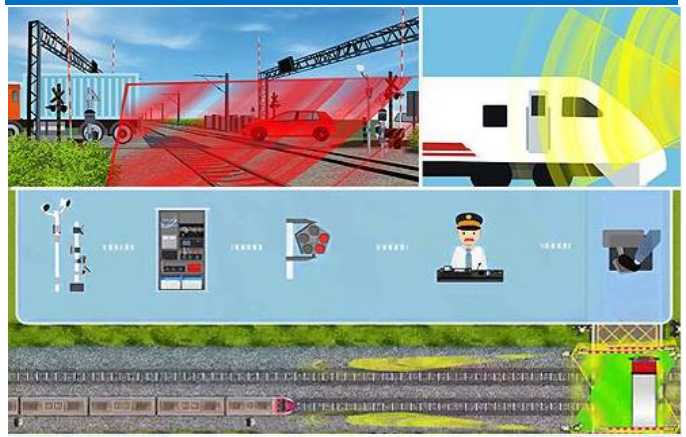
HARBINGER HARVEST

Projects

Radio Communication System

5G + Radio communication system integration

Level Crossing Automatic Obstacles Detection System



Level Crossing Barrier System

Tunnel Communication System

Axle Temperature And Pantograph Detection System

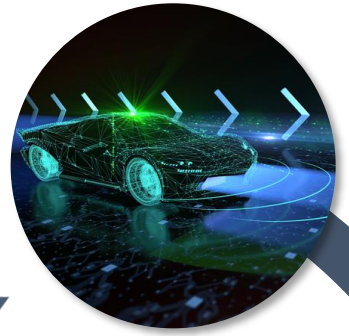
4

PART

未來成長動能

CUB Growing Factor

CUB Growing Factor



01 ADAS & 毫米波雷達

ADAS & mm Radar

02 球型胎壓感測系統

Ball TPMS

03 智能安防 & 智能醫療

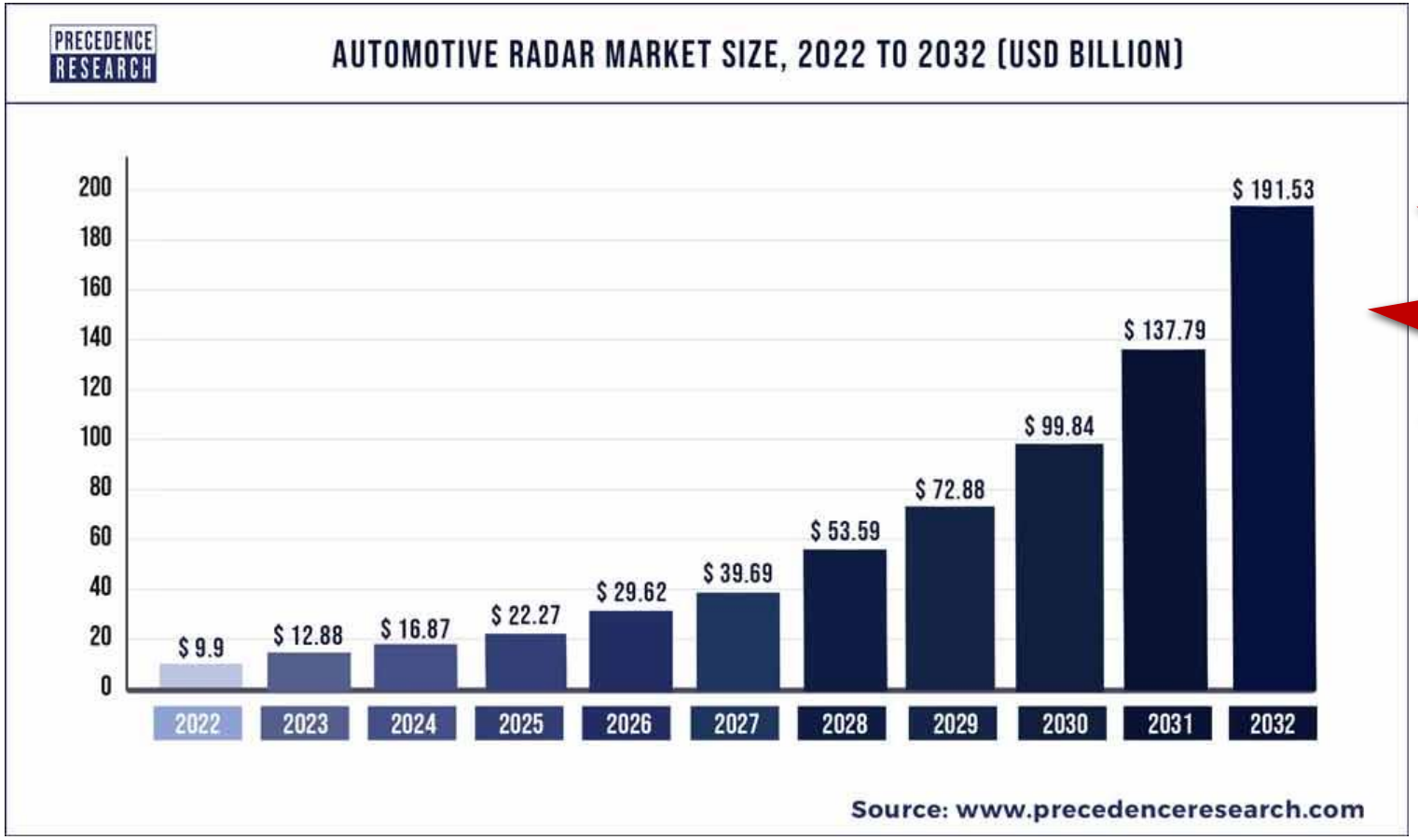
Intelligent Safety, Security & Healthcare

01. mmWave Radar

– Global projects Increase. Driven by Multiple Application Fields.

EV – ADAS and Automated Driving System

- Global automotive radar market will be more than 191 USD billion.



mmWave Radar is the Key component of Automated Driving System

Data source: PRECEDENCE RESEARCH

01. mmWave Radar

– Global projects Increase. Driven by Multiple Application Fields.

Global Project Increase

01

CPD艙內雷達

- US EV OEM L
- USD EV OEM R
- CN OEM T
- SEA OEM T

02

BSD角雷達

- CN OEM T
- CN OEM B
- SEA Tier 1 A

03

FCW前雷達

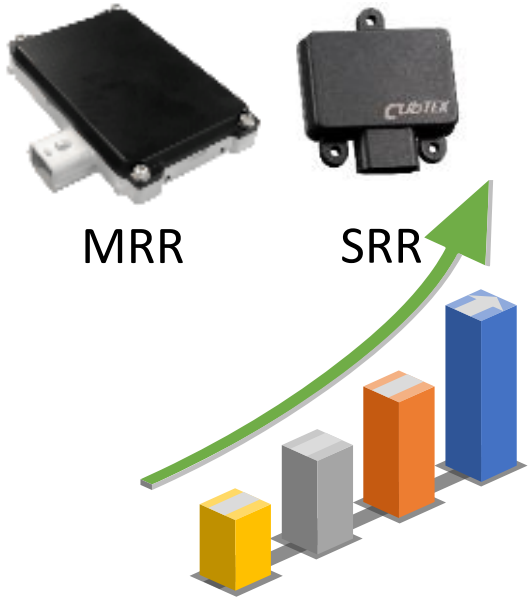
- CN CV OEM F
- CN CV OEM C
- CN CV OEM S

01. mmWave Radar
– Global projects Increase. Driven by Multiple Application Fields.

Cub R&D and manufacturing advantages.

The global automotive industry is facing price competition pressure from car manufacturers, which has led to changes in resource allocation in the supply chain. The top five international millimeter wave radar suppliers have begun to outsource radar co-development. The Cub is the preferred partner that can provide complete innovative design and manufacturing under this trend.

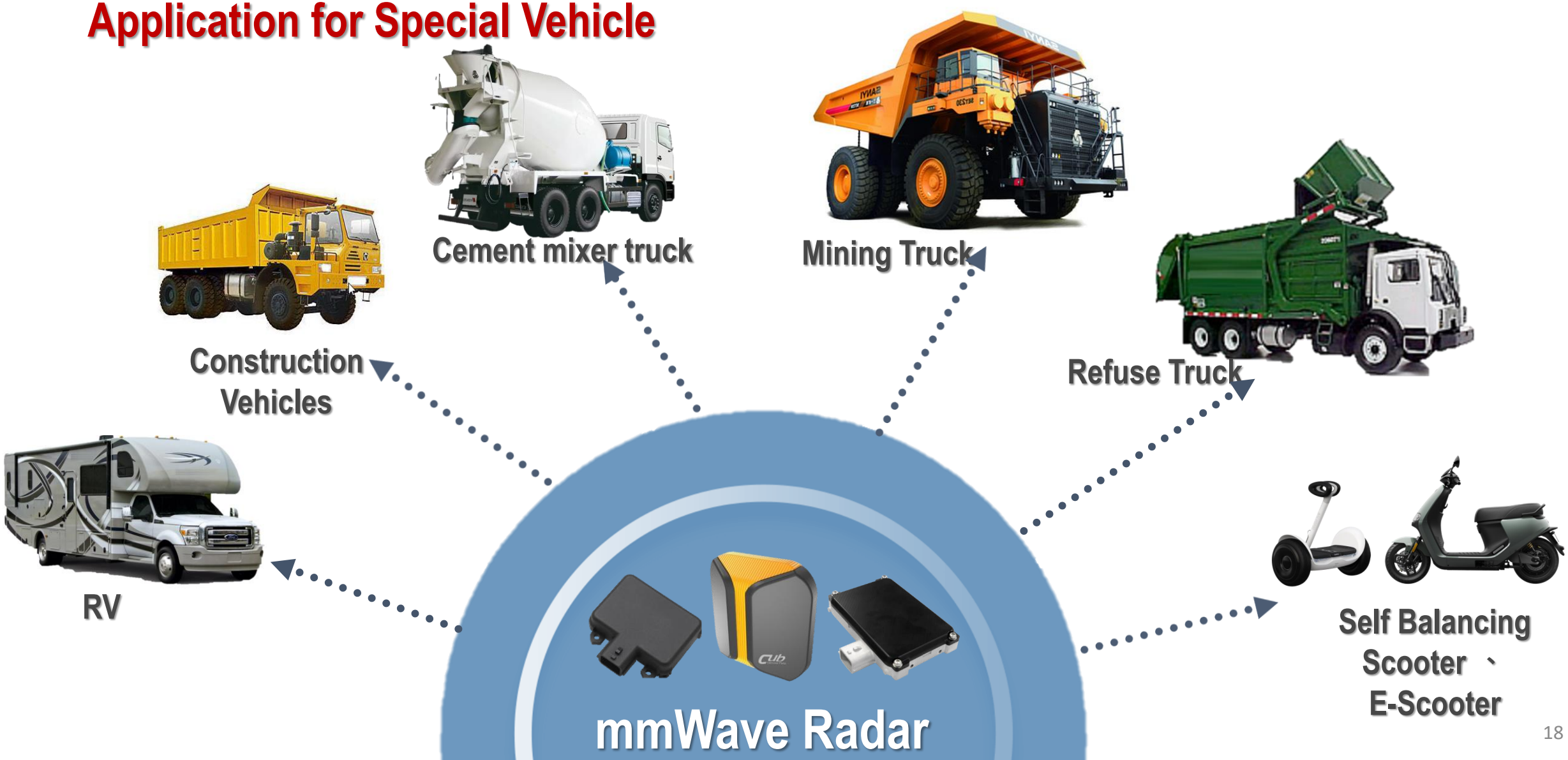
TOP 5 Global Tier 1 EV & CV
MRR and SRR ODM



01. mmWave Radar

– Global projects Increase and Driven by Multiple Application Fields.

Application for Special Vehicle



01. mmWave Radar

– Global projects Increase and Driven by Multiple Application Fields.

Application for multi-fields

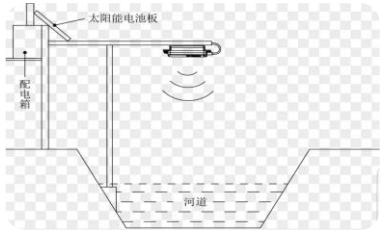
Healthcare

Agriculture and animal husbandry

mmWave Radar

Smart Traffic System

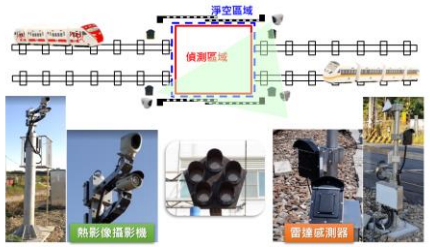
Smart traffic system



Others

Intelligent Safety, Security

Railway



Taiwan railway.

01. mmWave Radar

– Global projects Increase and Driven by Multiple Application Fields

Application for multi-fields – Agriculture and animal husbandry

◆ Agriculture Equipment

The government attaches highlight the importance to pedestrian safety and gradually requires various special vehicles to install safety assistance systems. Millimeter wave radar has become the first choice.

◆ Smart & Automated Pig F

Derivative industrial control sensors and systems

Unmanned, automated, and industrialized pig farm in high-rise buildings, using Millimeter wave radar for people, liquid level, and other types of detection.

02. Ball TPMS - Regulations Triggered CV TPMS demand

EU CV Regulations triggered market.
Commercial Vehicle TPMS regulation in EU ：2024.7.6!

Valve type TPMS
installation difficult

The pioneer in the world Ball TPMS

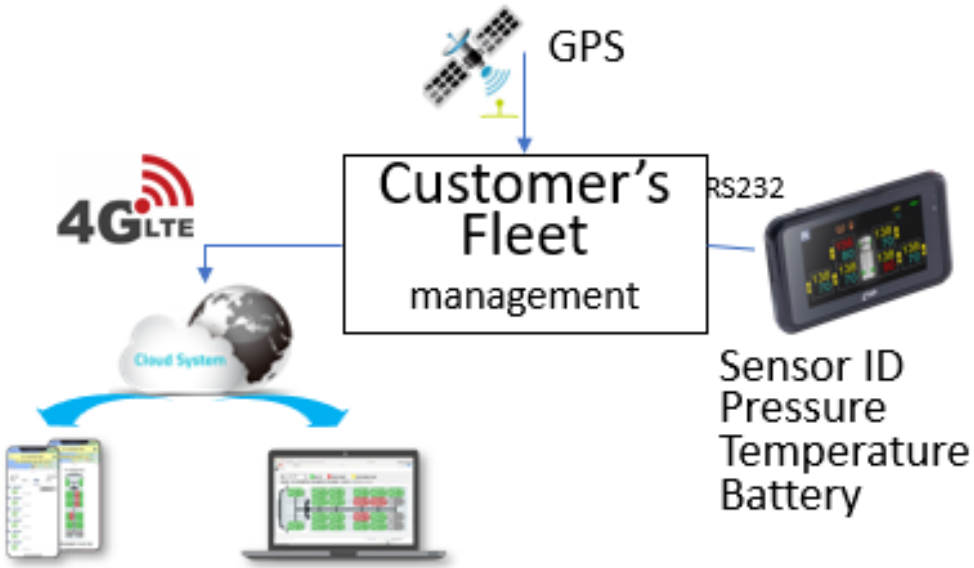
CV
Ball TPMS
Installation easier,
Cost Lower.

Item		Ball TPMS	Valve TPMS
Installation & Calibration	Min.	10~15mins.	35~50mins.
	fee	30~50EUR	80-100EUR
*@pcs			

02. Ball TPMS - Regulations Triggered CV TPMS demand

◆ EU fleet management system provider

The fleet system is covering more than 3.7 million vehicle in EU.



◆ EU Tire Maker

Delivery growing.

2.4GHz ball sensor

The TOP 1 in Worldwide.

02.Ball TPMS – Good Advantage for Different Special Vehicle.

Multiple Products of TPMS for Different Special Vehicle.
Install easiler, BLE Sensor….etc.

Ball TPMS

Mining Truck
Construction Vehicles

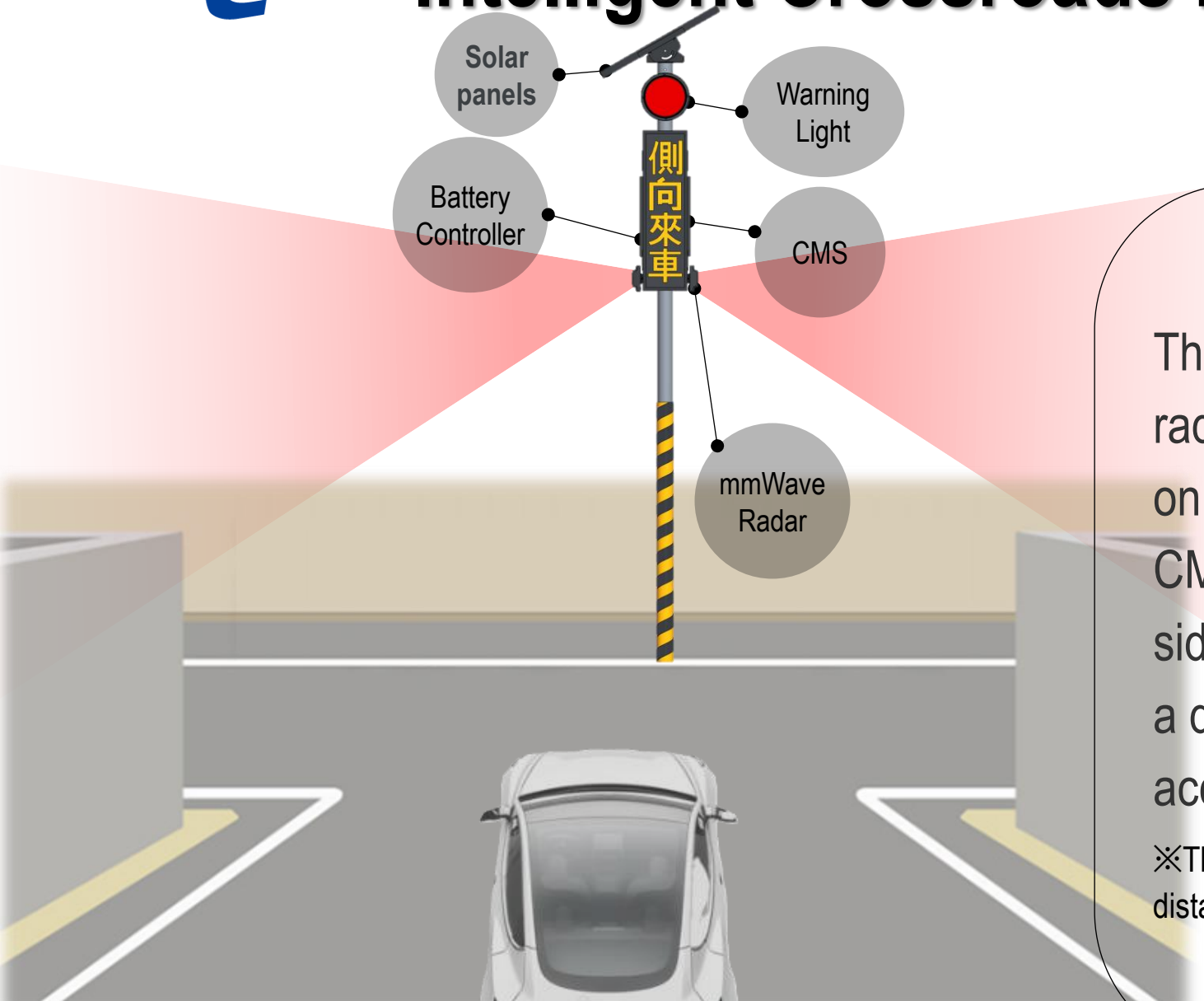
Agriculture and Animal husbandry Vehicle

BLE TPMS

Balance Scooter

E-Scooter

03. Intelligent Safety, Security & Healthcare – CUB Intelligent Crossroads Detection Warning System



CUB Intelligent Crossroads Detection Warning System

The system uses high-frequency mmWave radar technology to detect oncoming vehicles on the main road, activates warning lights and CMS to warning oncoming vehicles on the side roads. The Users can be reminded from a distance and respond early to reduce the accident rate at the Crossroads.

※This system is very flexibly to adjust the detection area and distance according to the complexity of each crossroad.

03. Intelligent Safety, Security & Healthcare
– Global projects Increase and Driven by Multi-Application Fields.

Smart Healthcare Demand Growing.

Immediate alarm
and first aid in case of unexpected heartbeat, respiratory stop, or fall

Advantages of Millimeter Wave Radar：

1. Contactless sensors
2. Protecting patient privacy
3. Target detection immediately and real-time alert

mmWave Radar - AI Healthcare System

Respiratory, heartbeat, and abnormal alarm

Sleep monitor

Stay in bed/ Bed exit

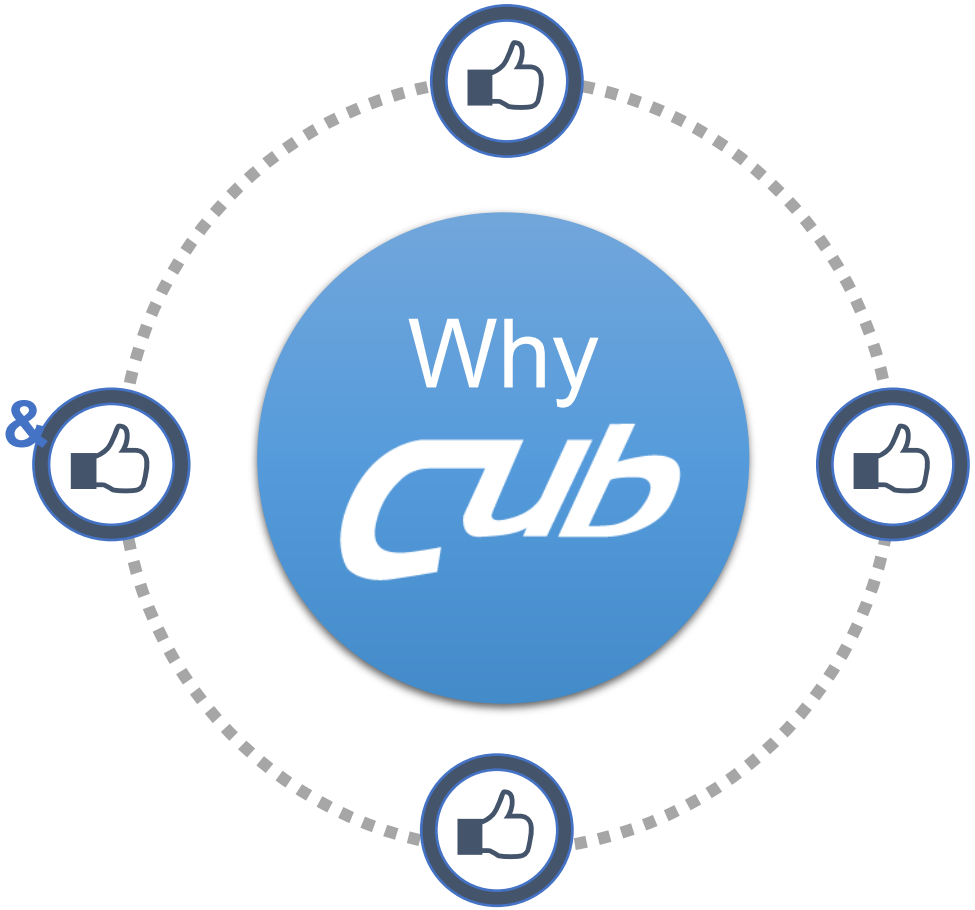
Fall detection
*Only suitable places can be implemented

Ward

WHY CUB

Regulation Trends - Take Preemptive Actions

In-house Technology & Industrial Leader



Cross Fields Applications & Complete Product Line

Reliable Supplier of Our Customers

Q & A

cub