

# 法人說明會

2023/8/23

系統電  
Sysgration Ltd.  
(5309)



# Outline

1 2023/Q2營運績效

2 事業成長策略

3 美國設廠

4 提問討論



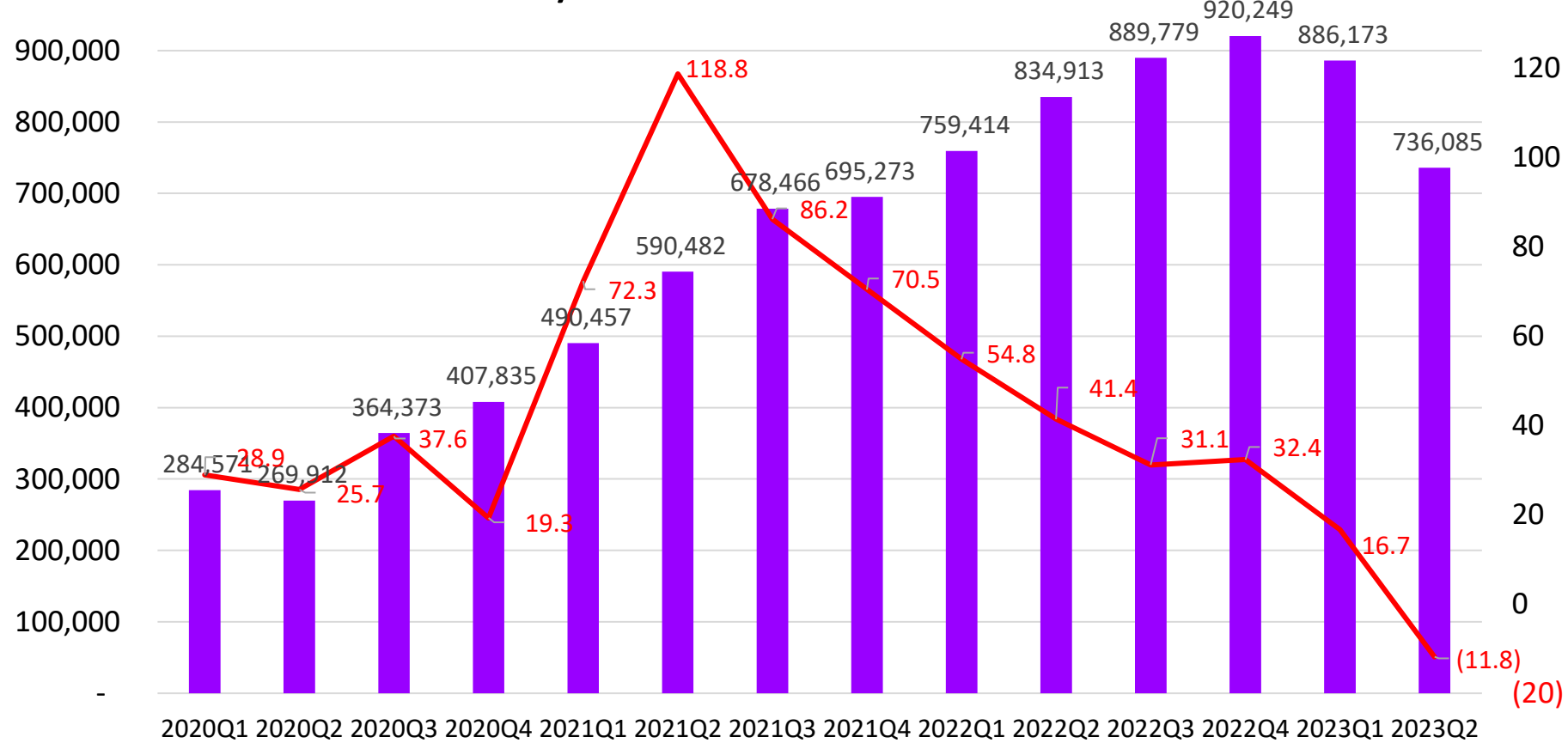
# 2023/Q2 營運績效

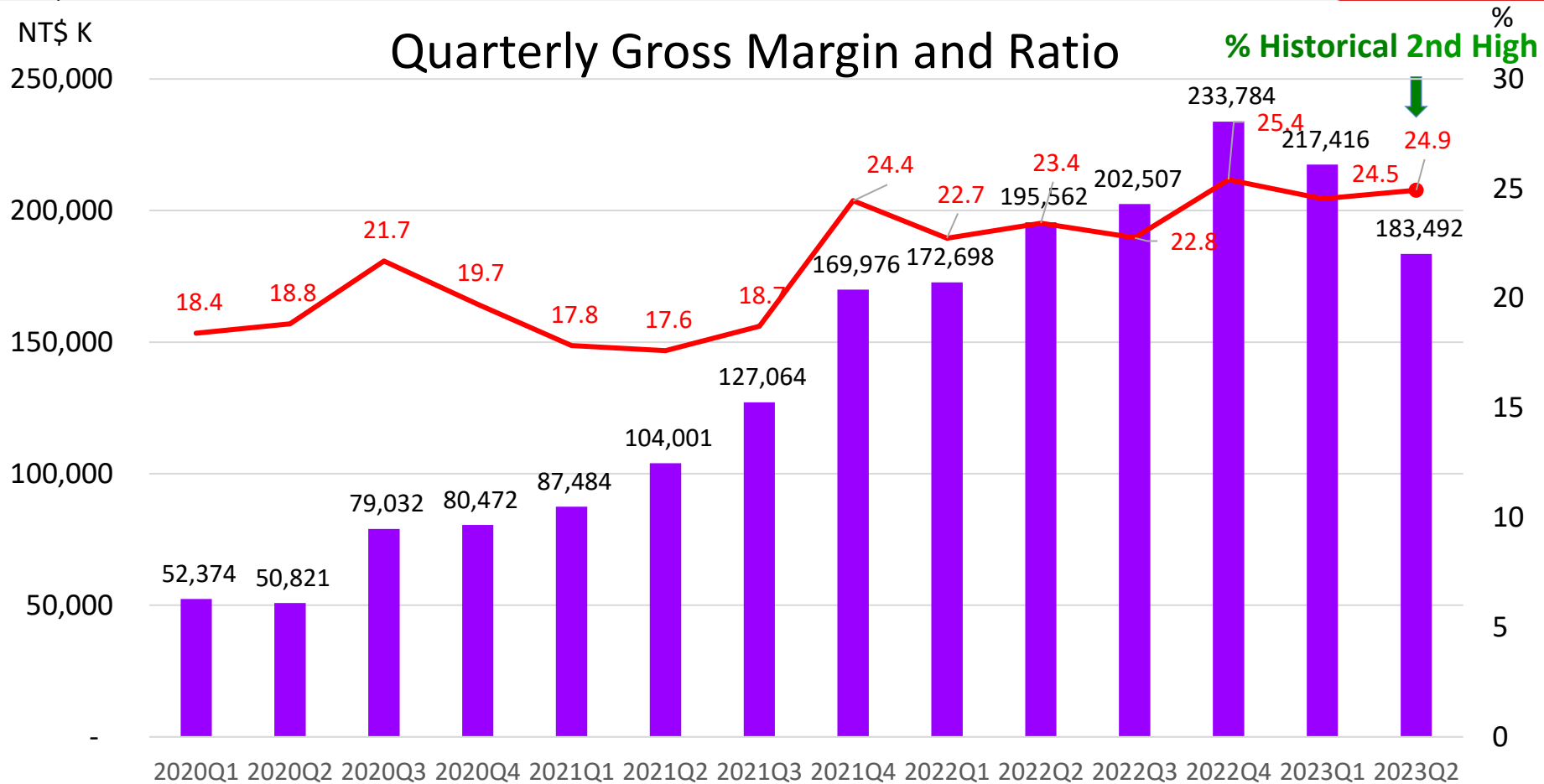


NT\$ K  
1,000,000

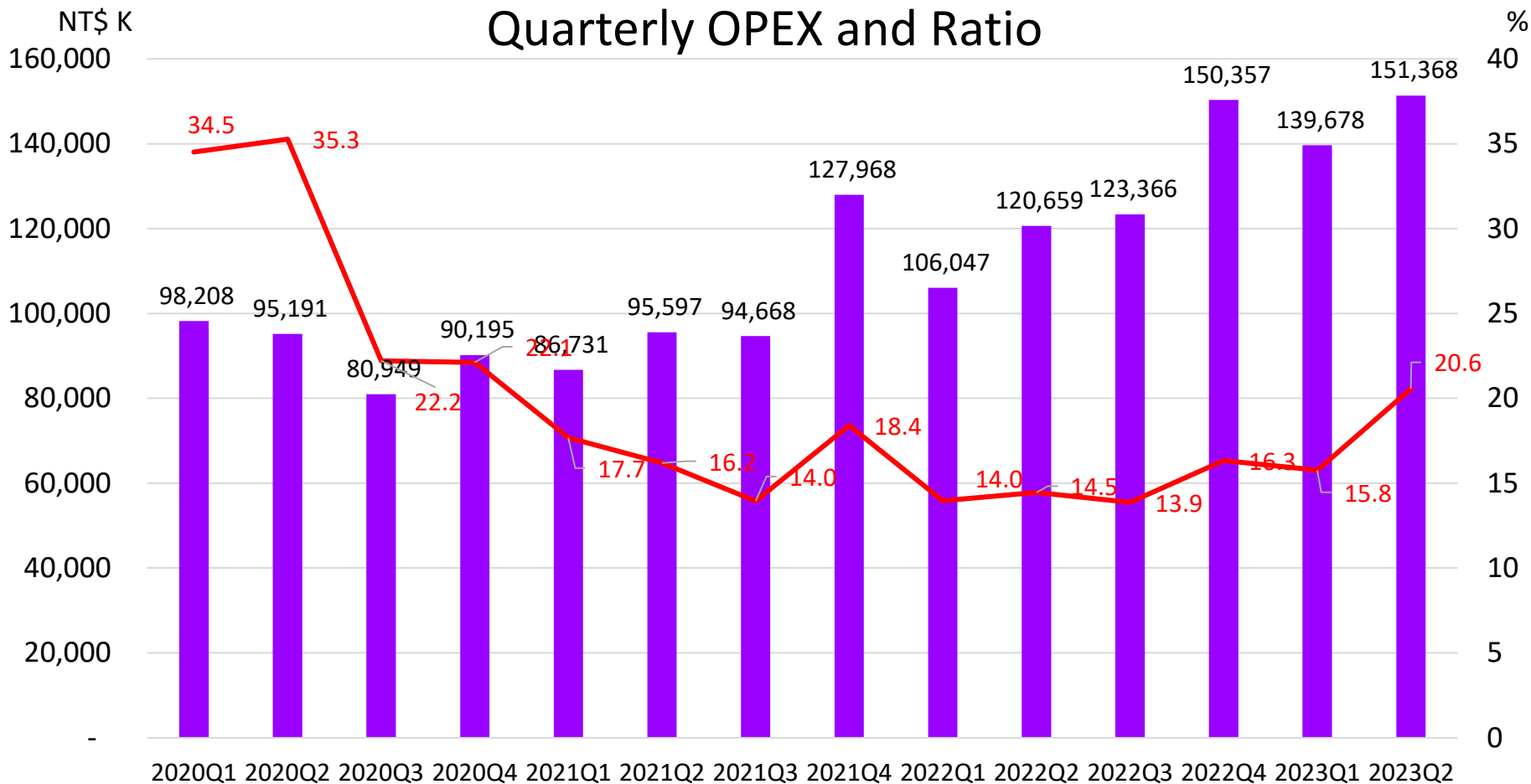
## Quarterly Revenue and YoY Ratio

YoY%  
140





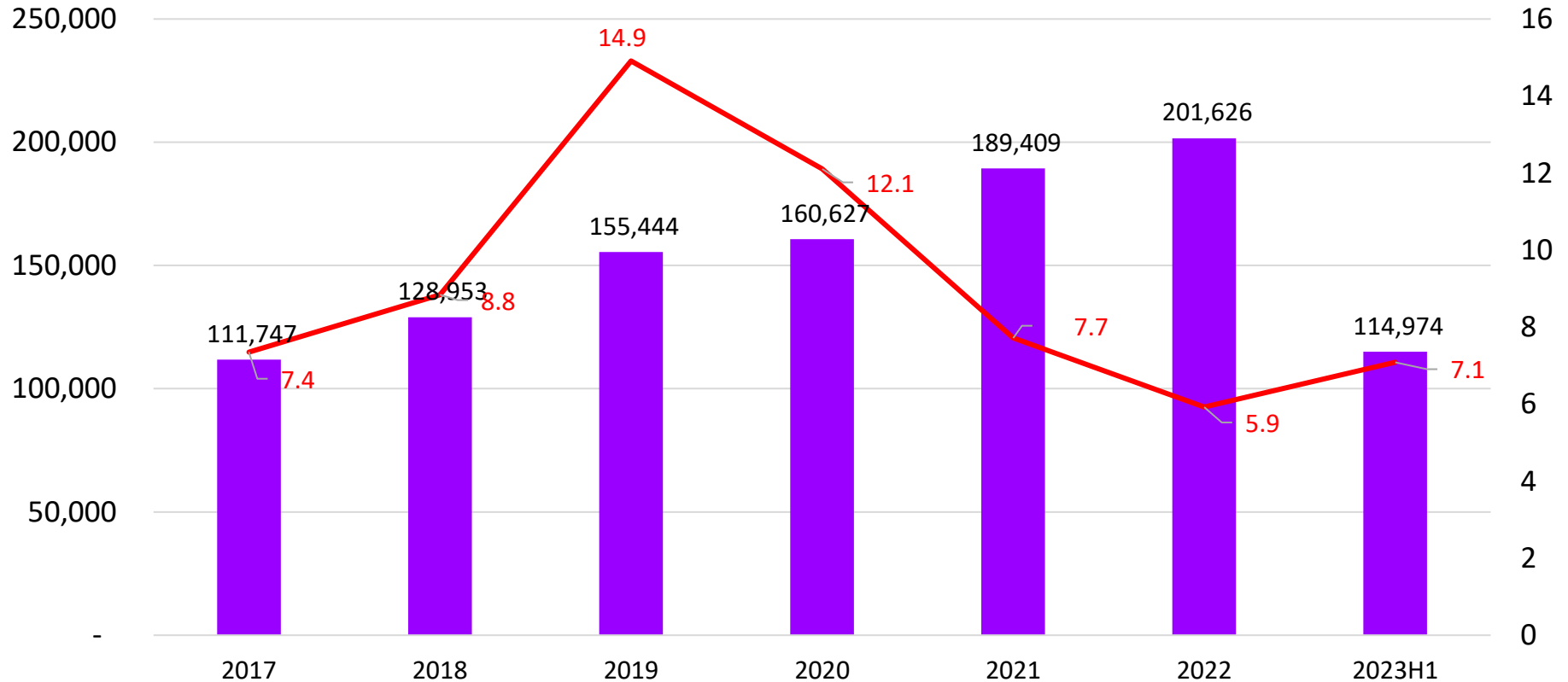
## Quarterly OPEX and Ratio



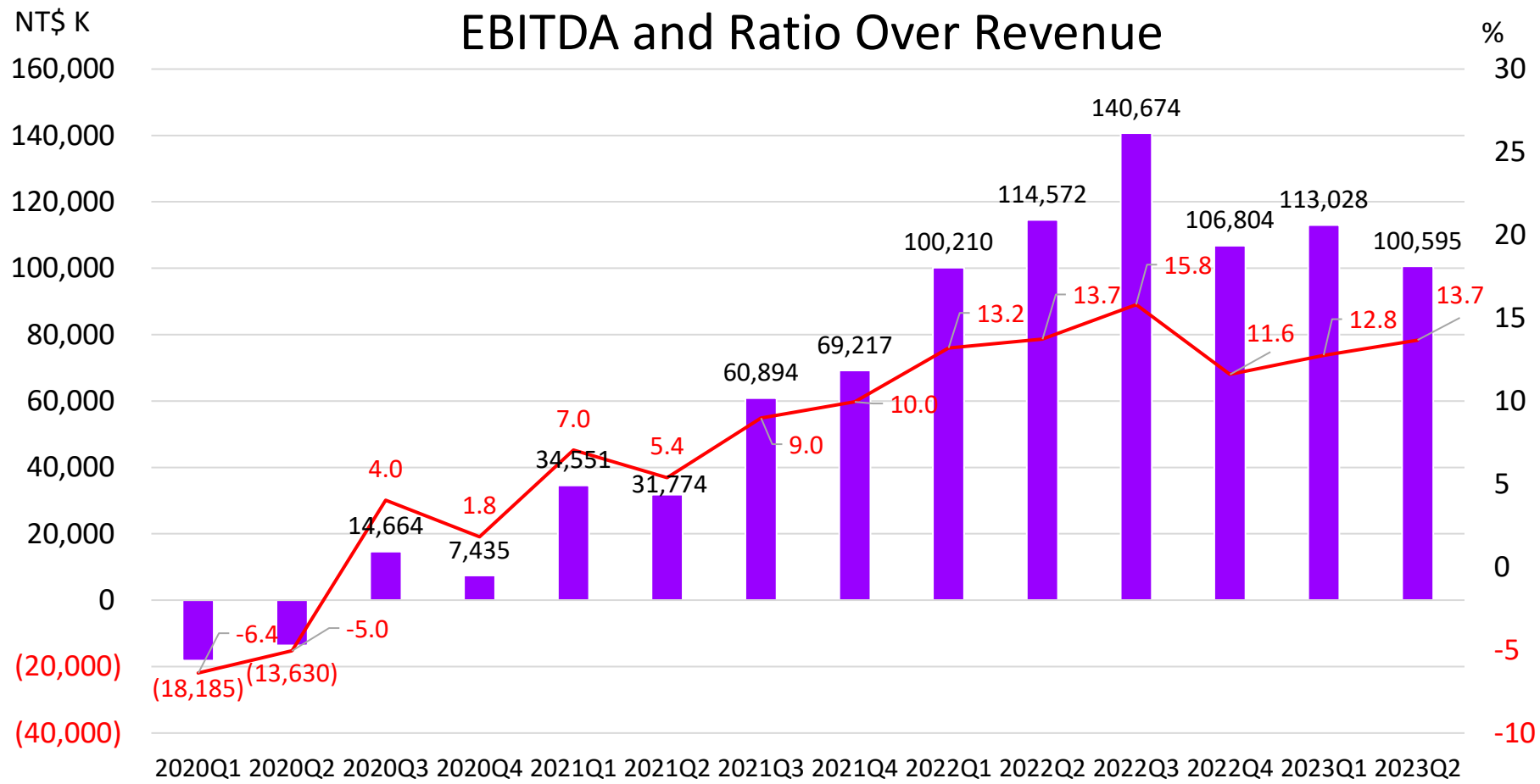
NT\$ K

## RD Expense and Ratio

%



## EBITDA and Ratio Over Revenue

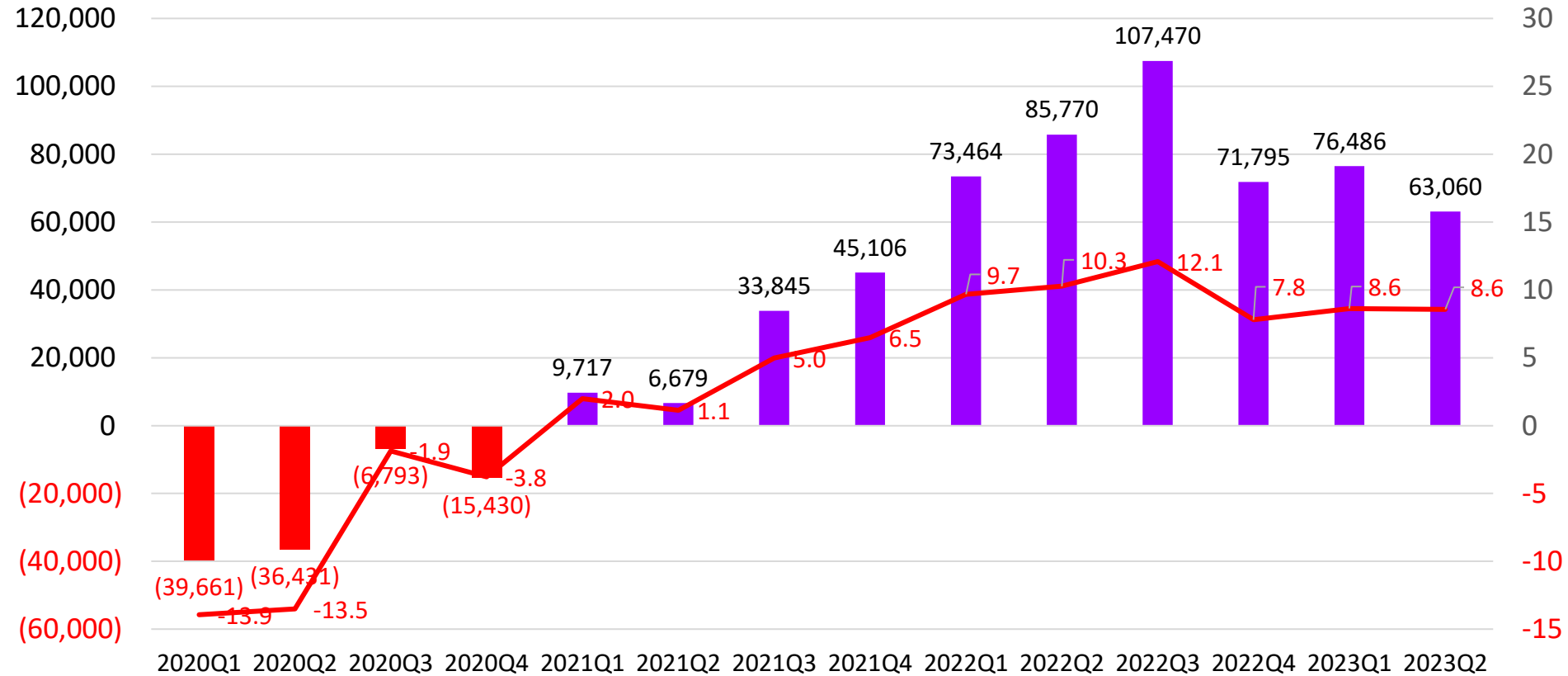




NT\$ K

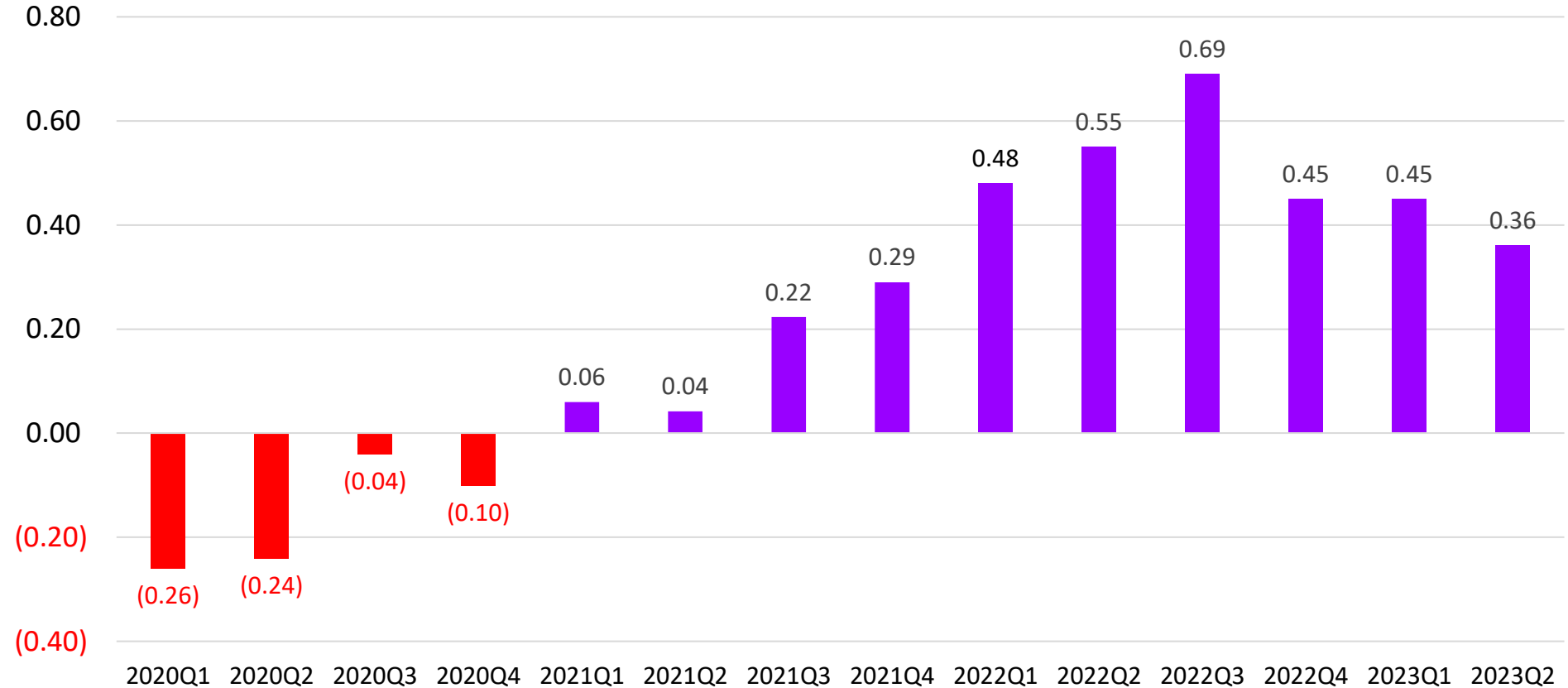
## Quarterly P/L after Tax and Ratio

%



NT\$/Share

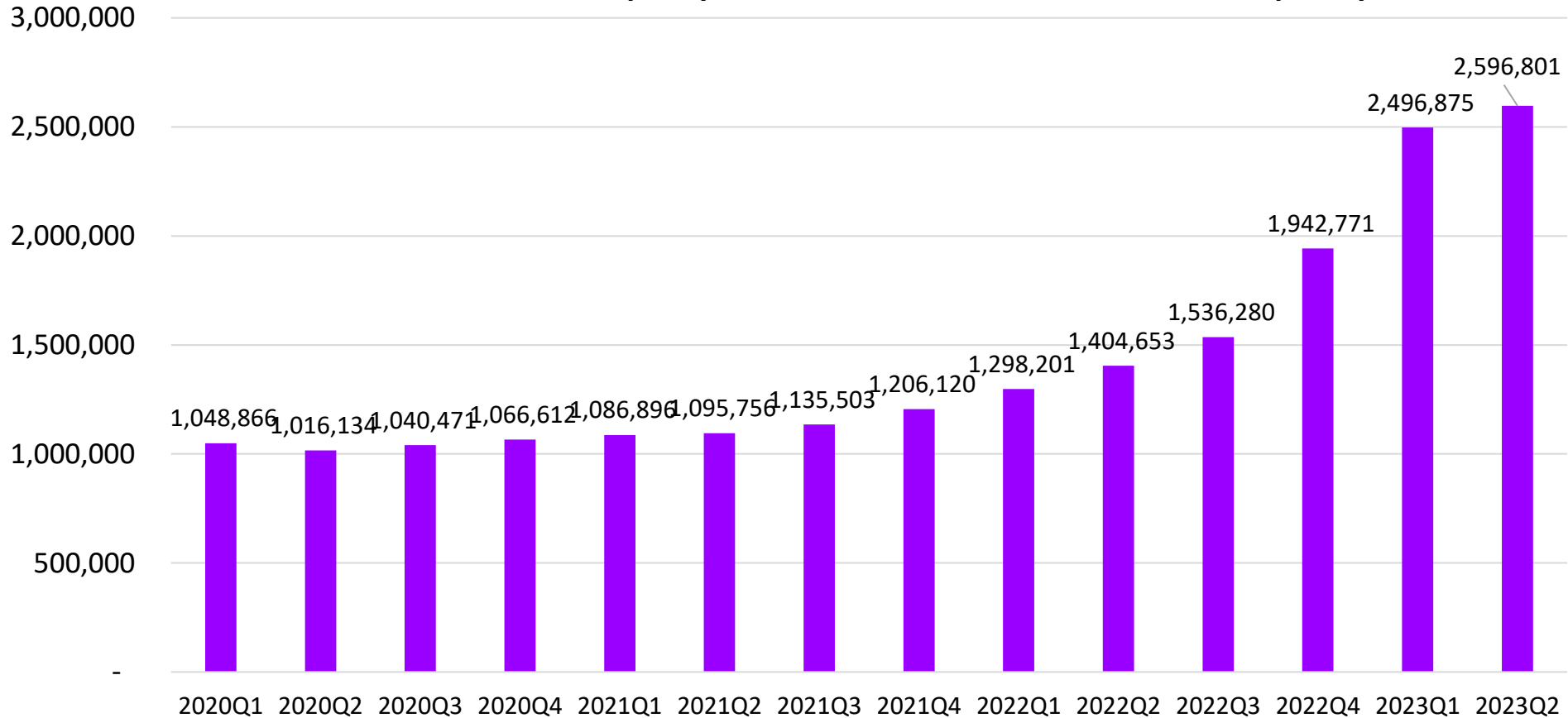
## Quarterly EPS



淨值

NT\$ K

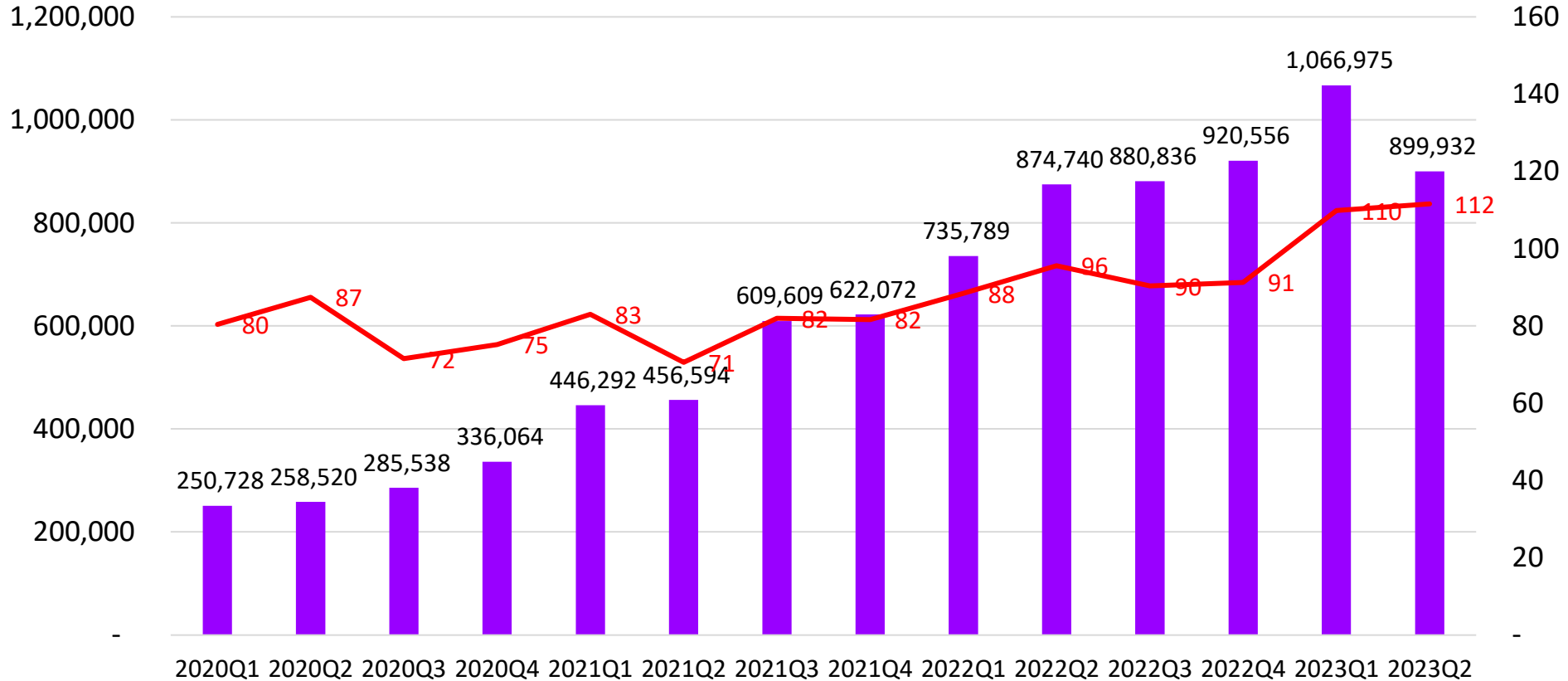
## Shareholders' Equity Attributed to Parent Company



NT\$ K

## AR Collection

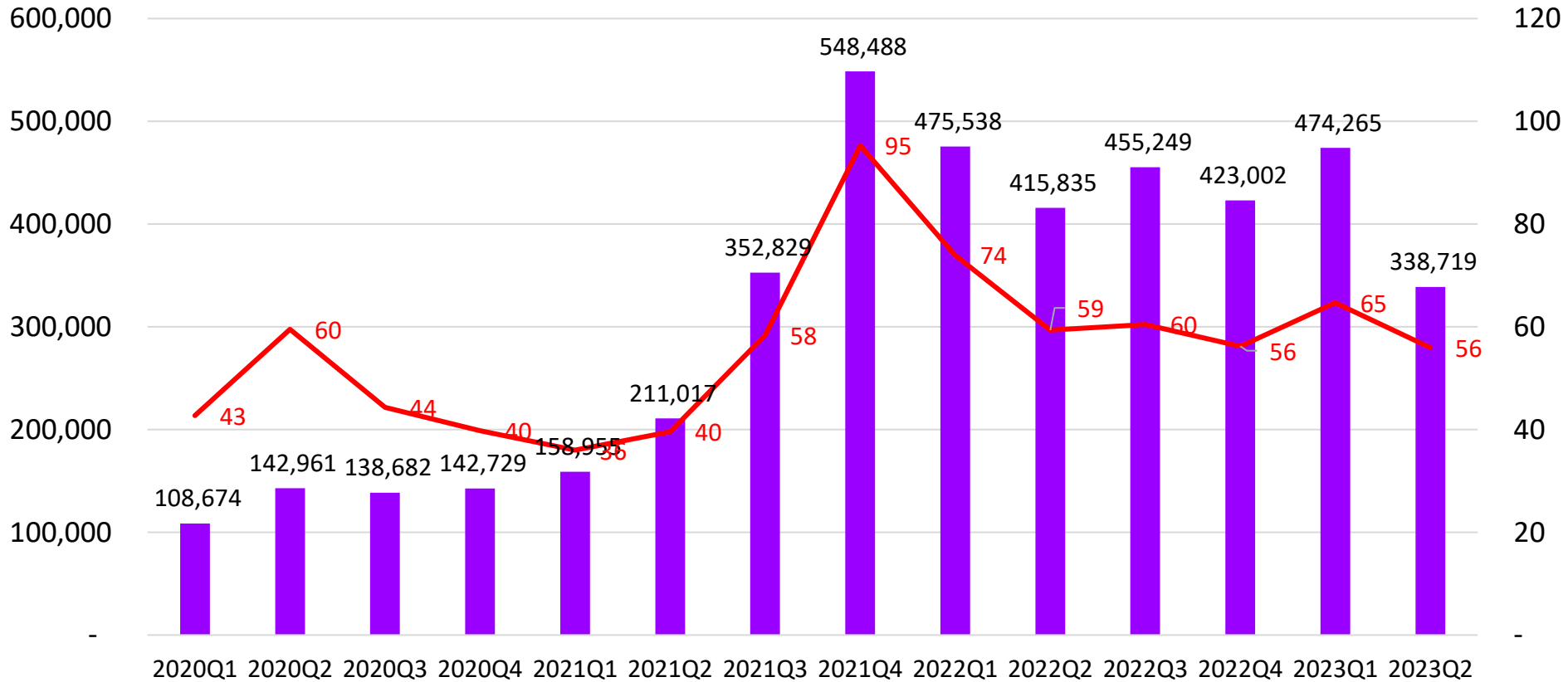
Days



NT\$ K

## Inventory

Days





# 事業成長策略



# 系統電綜觀



**1977**

Founded



**550+**

Worldwide  
Employees



**40+**

Years  
Design &  
Manufacturing  
Service Experiences



**4**

Locations  
Taiwan - Taipei/NanKang  
China - Huizhou/ZhenJiang



**5309**

TW Stock  
Publicly Trade  
Capital: NT\$1.8B  
Market Value NT\$7B

• Sysgration  
Founded in Taipei,  
Taiwan

• IPO in Taiwan  
(TPEX #5309)

• Rear-Seat  
Infotainment System  
to Germany and  
Spain OE Customers

• BLE TPMS ODM for  
Tire Brand Customer  
• Li-Ion Battery Pack to  
China EV Customer

• RF Dual-Band  
Universal TPMS ODM  
for US Wheel Channel

• BLE TPMS for OE  
Customer  
• PSU for Satellite  
Ground Systems

1977

1988

1996

2009

2011

2011

2015

2016

2017

2018

2020

2022

2023

• Taiwan Factory  
Established  
• Started Mouse  
ODM/OEM Business

• TS-16949 Certificated  
• Tier-One Supplier of  
Germany OE Customer  
• Rear-Seat Infotainment  
System to Japan Customer

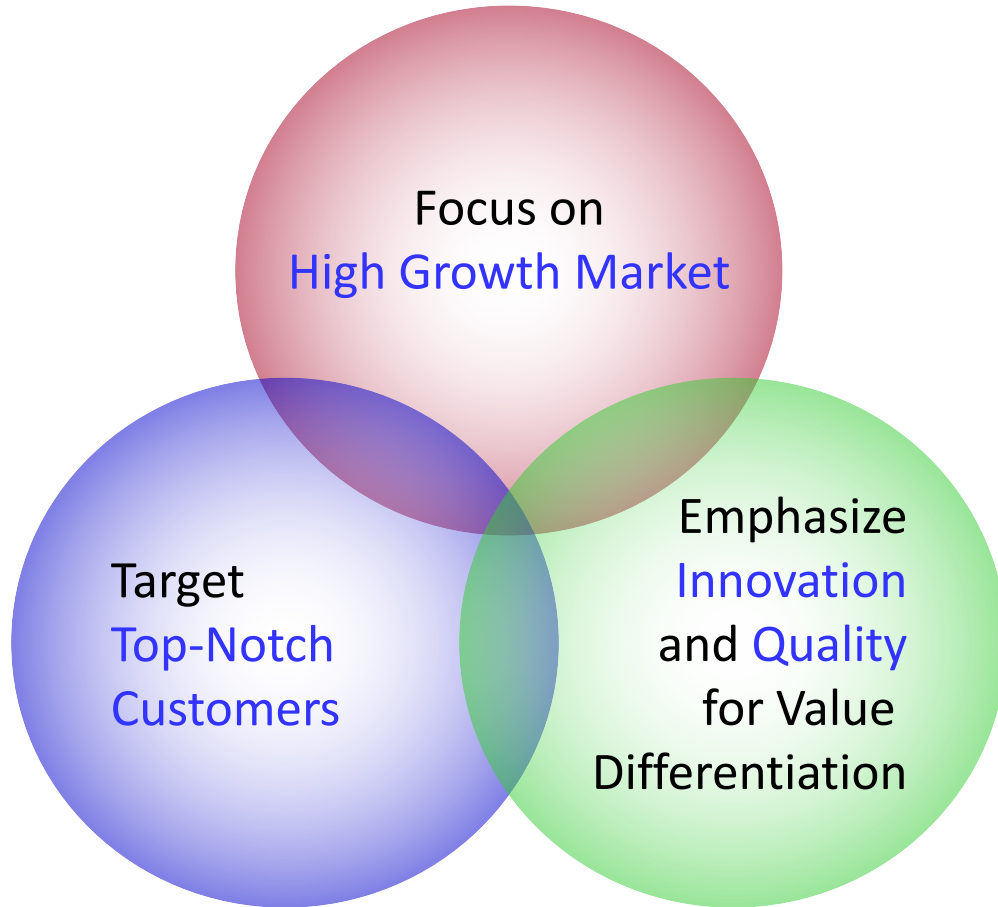


• BLE TPMS ODM for  
China OE Brand  
• RV Control System  
ODM for USA Tier-  
One Customer

• UPS Li-Ion Battery  
Pack for  
Semiconductor Fab  
• Smart Marine Control  
System MP

• Rugged Vehicle  
Terminal for  
Construction  
Vehicle MP

# 營運策略方向





# 經營市場與主要產品

## Automotive Solutions

## Power and Energy Management



Wireless Camera Around-View System



Tire Pressure Monitoring Systems



Rugged Head-Mount AR Device



Li-Ion Battery Pack for Semiconductor Fab



Li-Ion Based Energy Storage Systems



100+ Patents

40+ Patents



Body Control Module



Industrial PC



Infotainment System



EV Battery Pack



Li-Ion Based Energy Brick



Construction/Agriculture Vehicles  
CAGR ~12% by 2025



Electric Vehicles  
CAGR ~80% by 2025



Semiconductors  
CAGR ~25% by 2025



Renewable Energy Storage  
CAGR ~28% by 2025

# 未來成長動力



## TPMS

- OE
- Replacement
- Fleet

- Semiconductor Fab
- Community
- Data Center



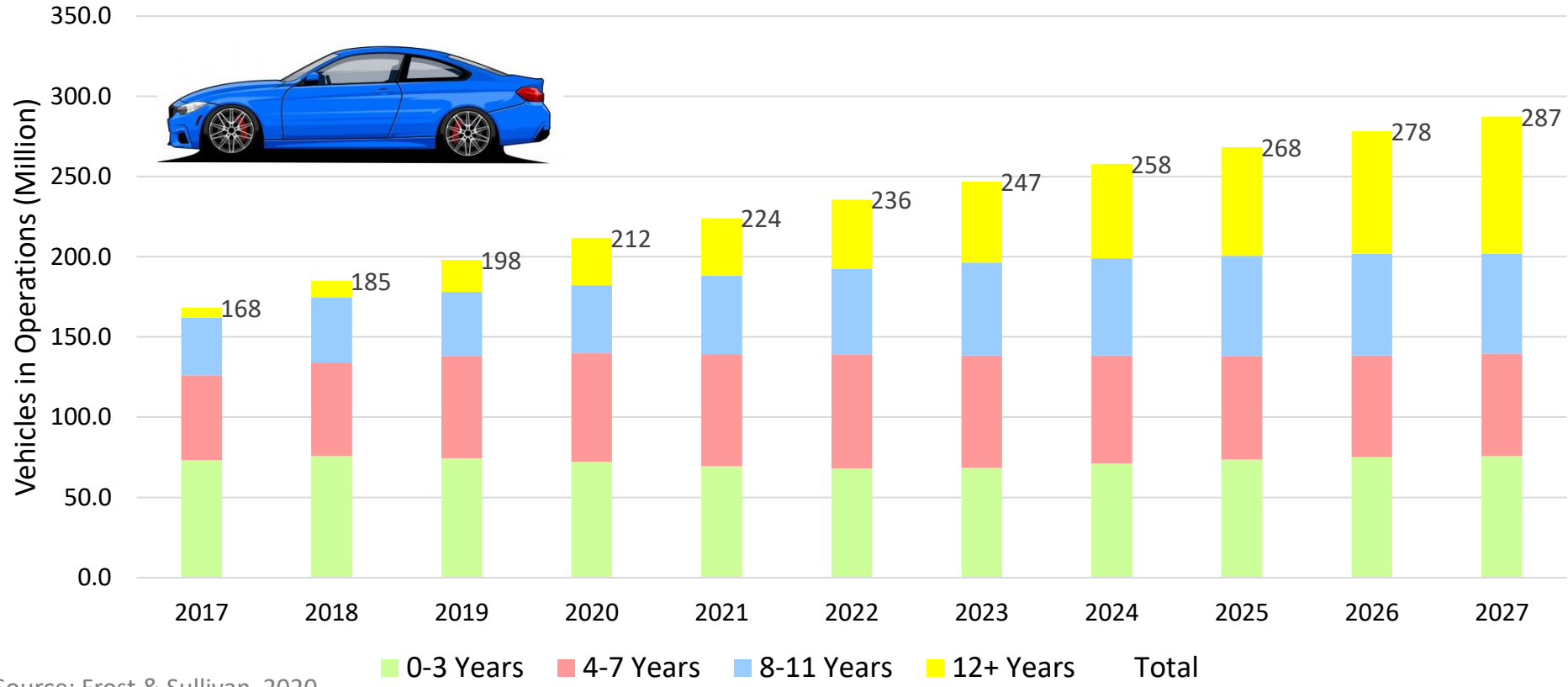
## ESS

## IPC

- Commercial Vehicle
- Industrial Vehicle
- Rugged Tablet

# 美洲配載胎壓偵測器乘用車總數

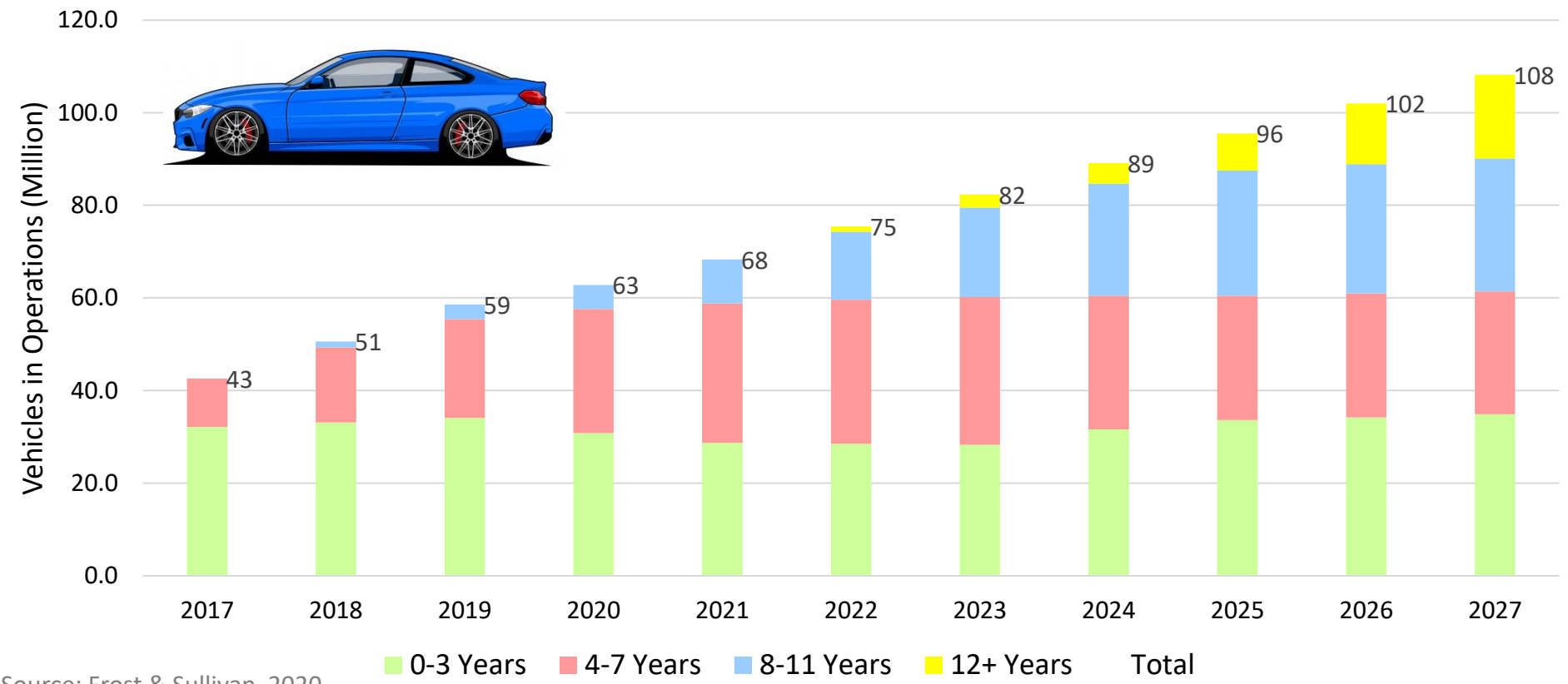
## US TPMS Sensor Installation by Vehicle Age



Source: Frost & Sullivan, 2020

# 歐洲配載胎壓偵測器乘用車總數

## EU + UK TPMS Sensor Installation by Vehicle Age



Source: Frost & Sullivan, 2020

# 卡車/車隊胎壓偵測器擴展商機

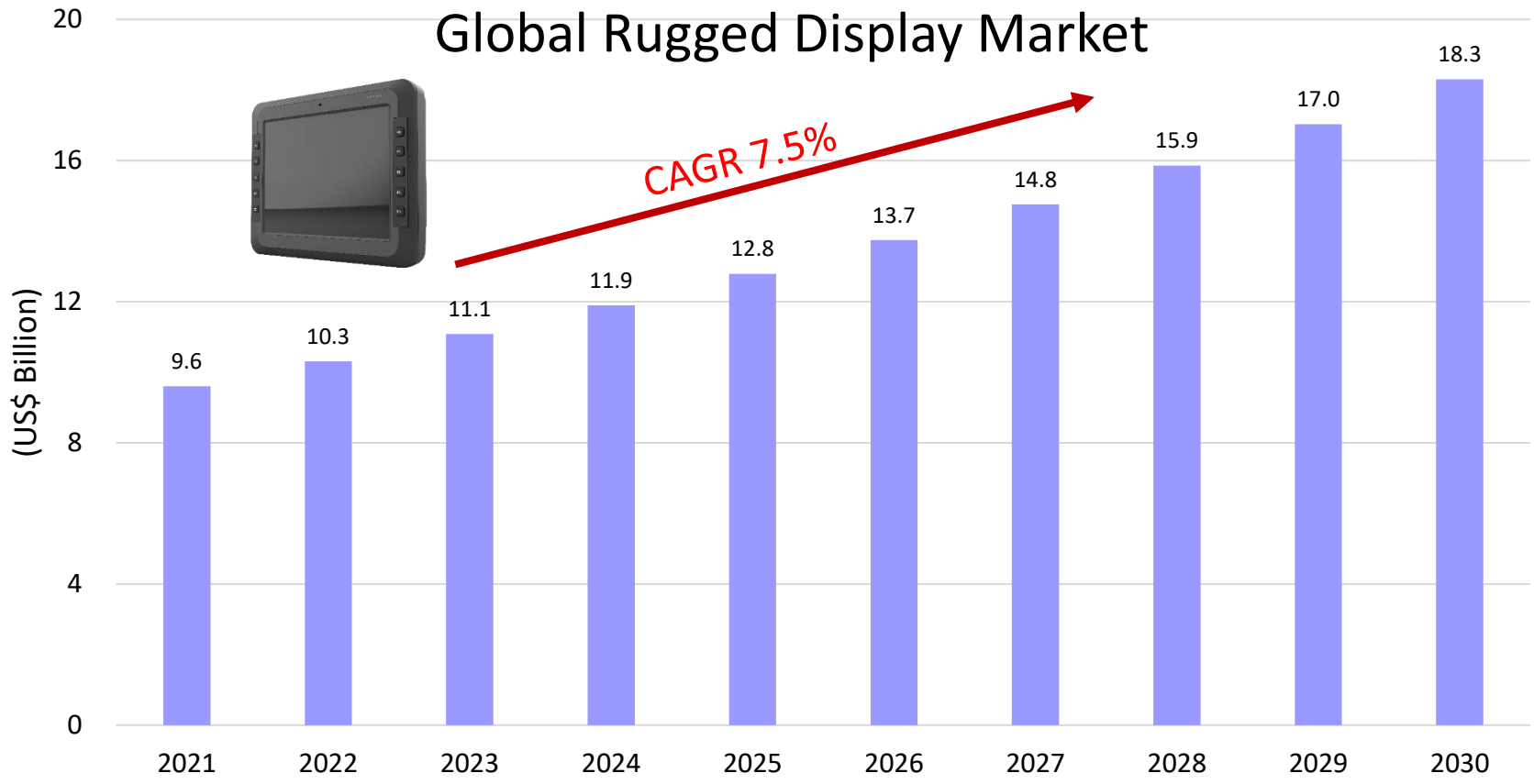
## ◆ TPMS Become a Compulsory Fitment across Europe:

- on M1, M2, M3, N1, N2, N3, O3, and O4 vehicles (trucks, trailers, buses, coaches)
- from 2022/7: [new type approvals](#), and
- from 2024/7: all new vehicles for registration.



### Top 10 Most Valuable Tire Bands

- |                |           |
|----------------|-----------|
| 1. Michelin    | France    |
| 2. Bridgestone | Japan     |
| 3. Continental | Germany   |
| 4. Goodyear    | US        |
| 5. Dunlop      | US        |
| 6. Pirelli     | Italy     |
| 7. Hankook     | Korea     |
| 8. Yokohama    | Japan     |
| 9. Toyo Tires  | Japan     |
| 10. Giti       | Singapore |



Source: [www.precedenceresearch.com](http://www.precedenceresearch.com)



# 工業電腦擴展方向

Rugged Vehicle



Construction CAGR = 11.8%

Rugged Tablet



Surveying CAGR = 11.0%

Headmount Device



Enterprise AR CAGR = 29.5%



Agriculture CAGR = 13.6%



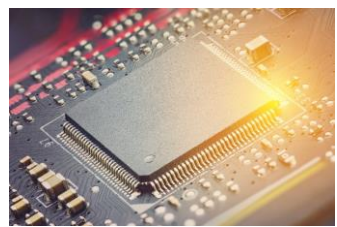
Diagnostic CAGR = 10.1%

Remote Assistant  
Vision Picking  
AR SOP

# 強固AR設備價值鏈延伸



+ Design



+ Manufacturing Sales/Distribution



Service












+ AI Integreation





# 市場行銷行能統電



| Region / Product        |  | China   | Taiwan  | US   | ASEAN   | EU  |
|-------------------------|--|---|---|--|---|---|
|                         |  |  |  |  |  |  |
| Installation site based | Large Scale ESS<br> |   |   |  |   |   |
|                         | Distributed ESS<br> |   |   |  |   |   |
| Customer based          | UPS Battery<br>     |   |   |  |   |   |
|                         | BBU<br>             |   |   |  |   |   |



美國設廠



# SYSGRATION Global Footprint

Headquarter with majority of R&D located in Taipei, Taiwan.

Multiple production bases including 2 located in China, 1 Taiwan, and 1 in US.

Each factory is fully equipped for full system production (from PCBA SMT/DIP to full unit Assembly/Test/Packing).

Flexible to allocate production resources to meet different logistic needs.



## Sysgration Headquarter

**Location:** Neihu, Taipei, Taiwan  
**Sales, R&D, PM, SCM**



## Sysgration Nankang Factory (NKS)

**Location:** Nankang, Nantou, Taiwan  
**TPMS, IPC, ESS**



## Sysgration US

**Location:** Texas, US  
**PCBA, TPMS, IPC, AR, BBU/ESS**



High Speed SMT Line



Auto Insertion Line



Automatic Production Line



## Sysgration Huizhou Factory (HZS)

**Location:** Huizhou, Guangdong, China  
**TPMS**



## Sysgration Zhenjiang Factory (ZJS)

**Location:** Zhenjiang, Jiangsu, China  
**ESS, Li-Ion Battery Pack**



## Quality Management System



ISO 9001



IATF 16949



VDA 6.3

## Safety Management System



ISO 26262-2  
ISO 26262-7



ISO 45001

## Hazardous Substance Management System



RoHS



IECQ QC080000

## Environmental Management System



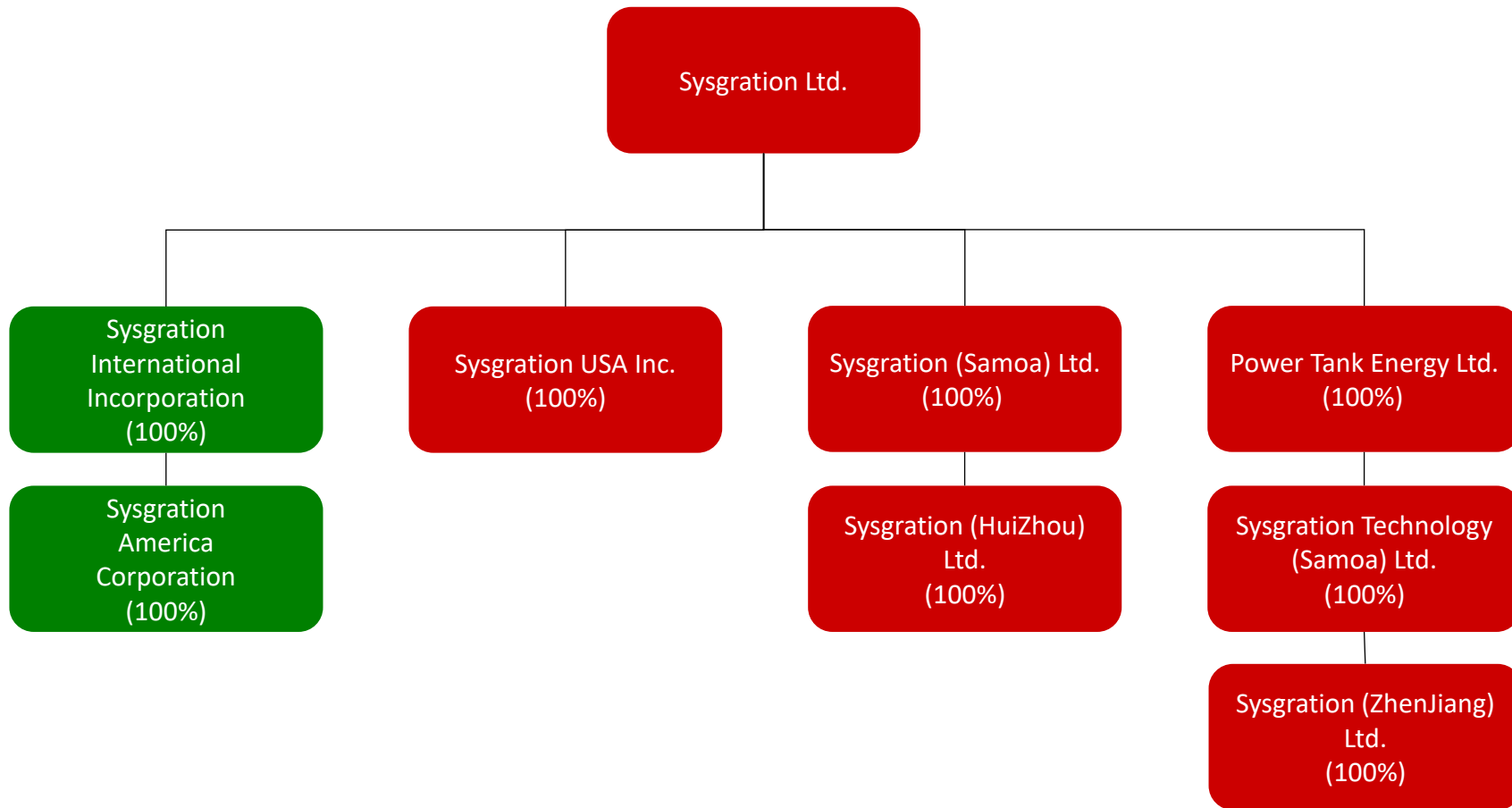
ISO 14001

## Standard Development for Electrostatic Discharge



ANSI ESD S20.20-2021







# 系統電達拉斯廠位置(I)

Best 38 min — 2 hr 18 10 hr 2 hr 45

Dallas/Fort Worth International Airport

3724 E Plano Pkwy, Plano, TX 75074, US

Add destination

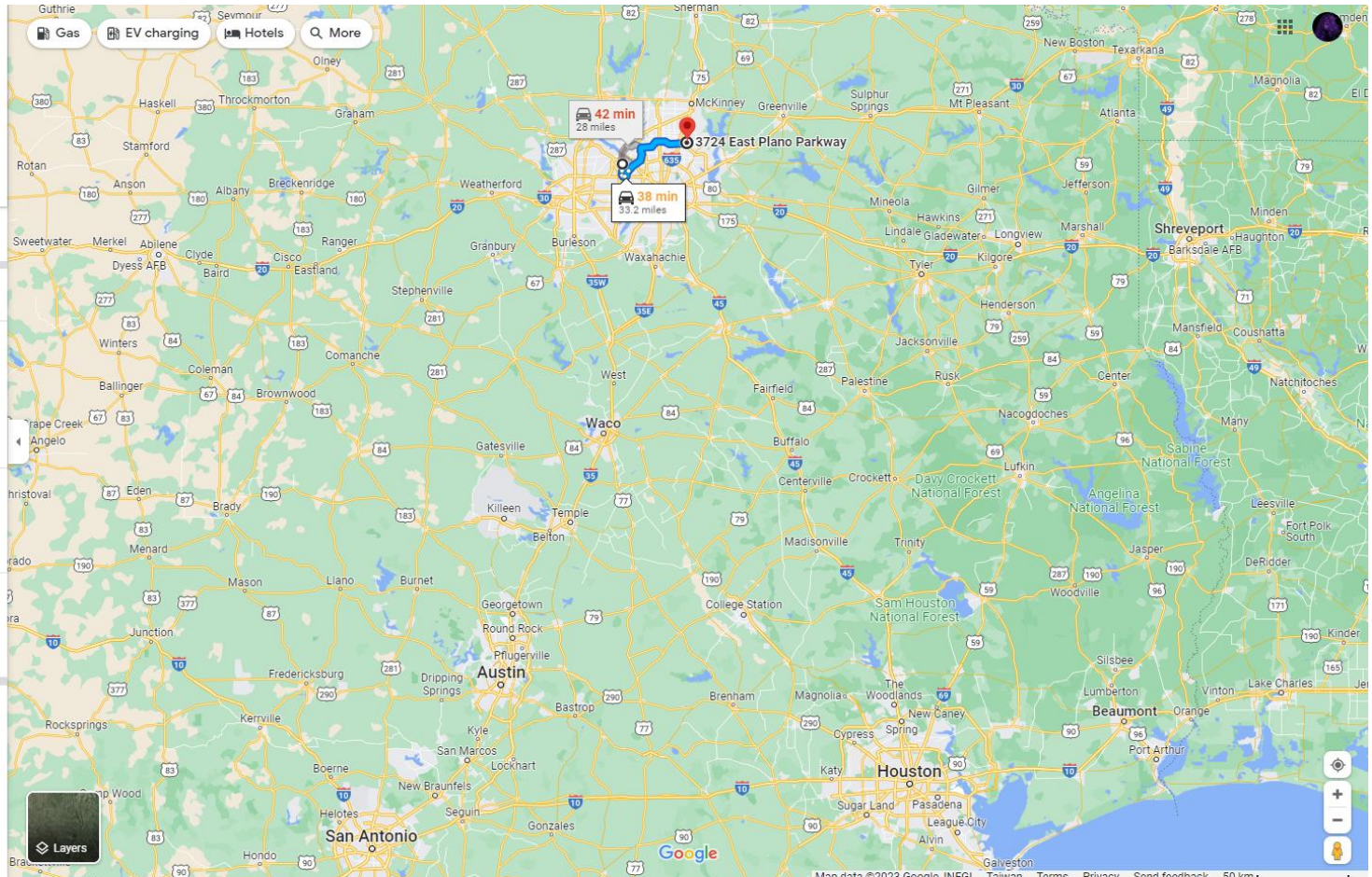
Leave now Options

Send directions to your phone

- via President George Bush Tpk** **38 min**  
N 33.2 miles  
Fastest route now due to traffic conditions  
▲ This route has tolls.  
[Details](#)
- via TX-114 E and President George Bush Tpk N** **39 min**  
30.0 miles  
Some traffic, as usual
- via President George Bush Tpk E** **42 min**  
28.0 miles  
Heavy traffic, as usual

Explore nearby 3724 E Plano Pkwy

- Restaurants
- Hotels
- Gas stations
- Parking Lots
- More





# 系統電達拉斯廠位置(II)

Best 38 min — 2 hr 18 10 hr 2 hr 45

Gas EV charging Hotels More

Dallas/Fort Worth International Airport  
 3724 E Plano Pkwy, Plano, TX 75074, US

Add destination

Leave now Options

Send directions to your phone

**via President George Bush Tpk** **38 min**  
 N 33.2 miles  
 Fastest route now due to traffic conditions  
 ⚠️ This route has tolls.

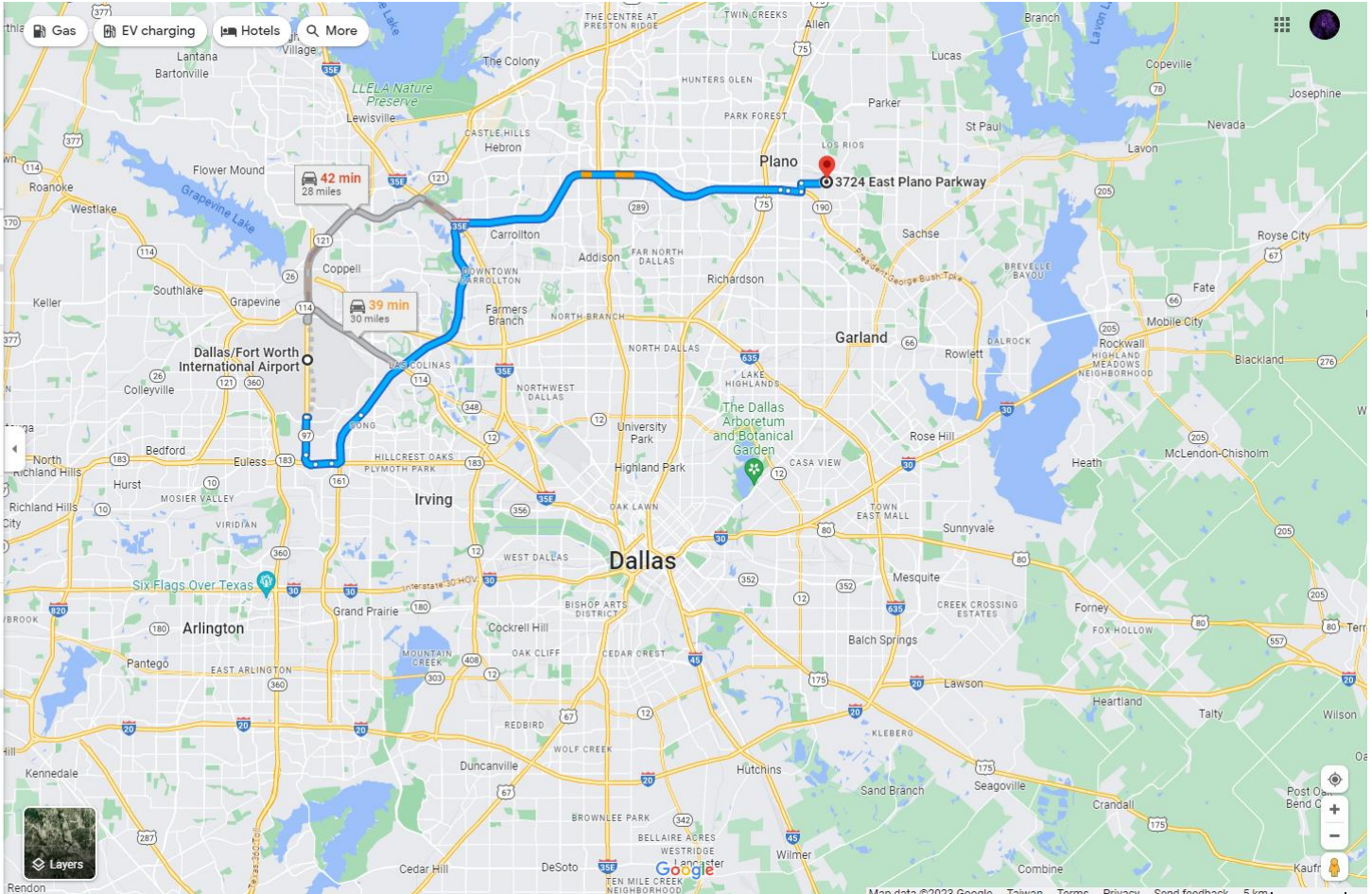
**via TX-114 E and President George Bush Tpk N** **39 min**  
 30.0 miles  
 Some traffic, as usual

**via President George Bush Tpk E** **42 min**  
 28.0 miles  
 Heavy traffic, as usual

Explore nearby 3724 E Plano Pkwy

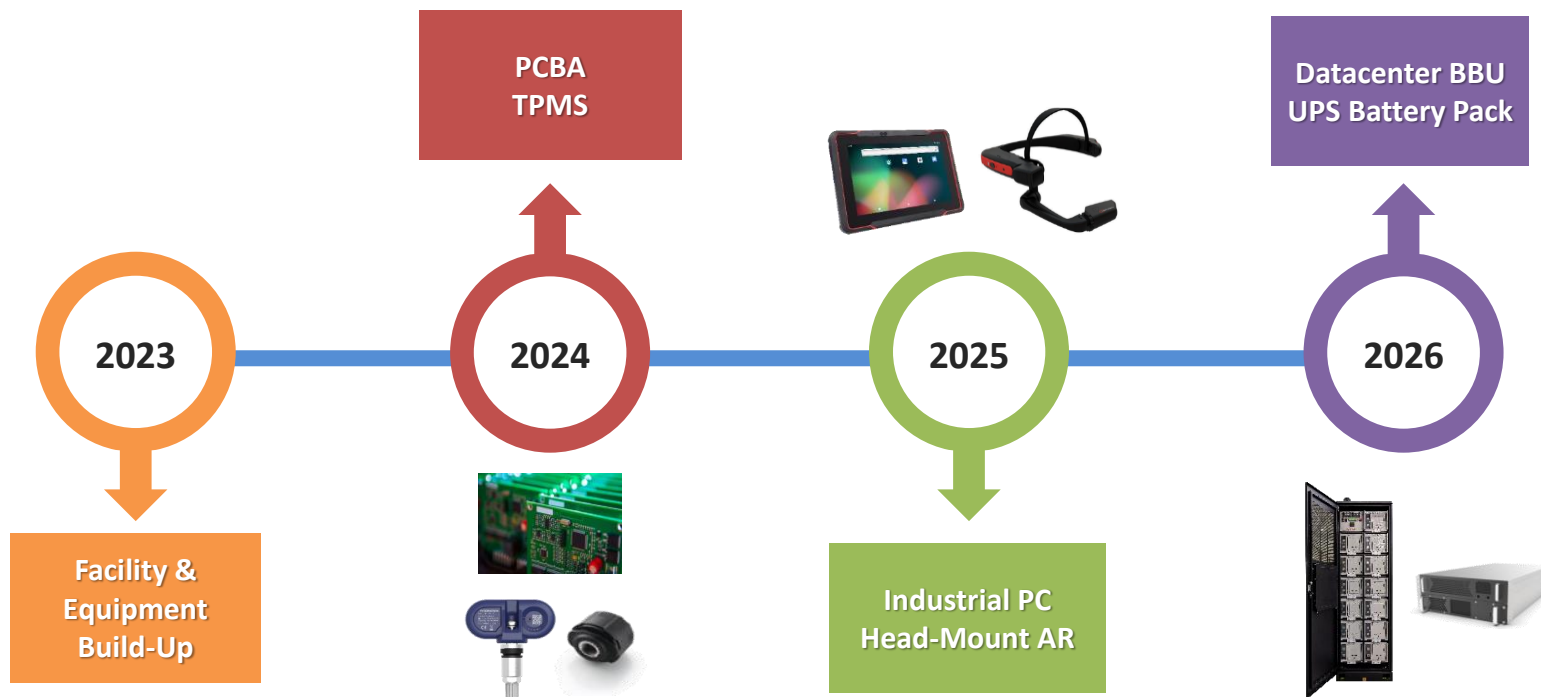
Restaurants Hotels Gas stations Parking Lots More

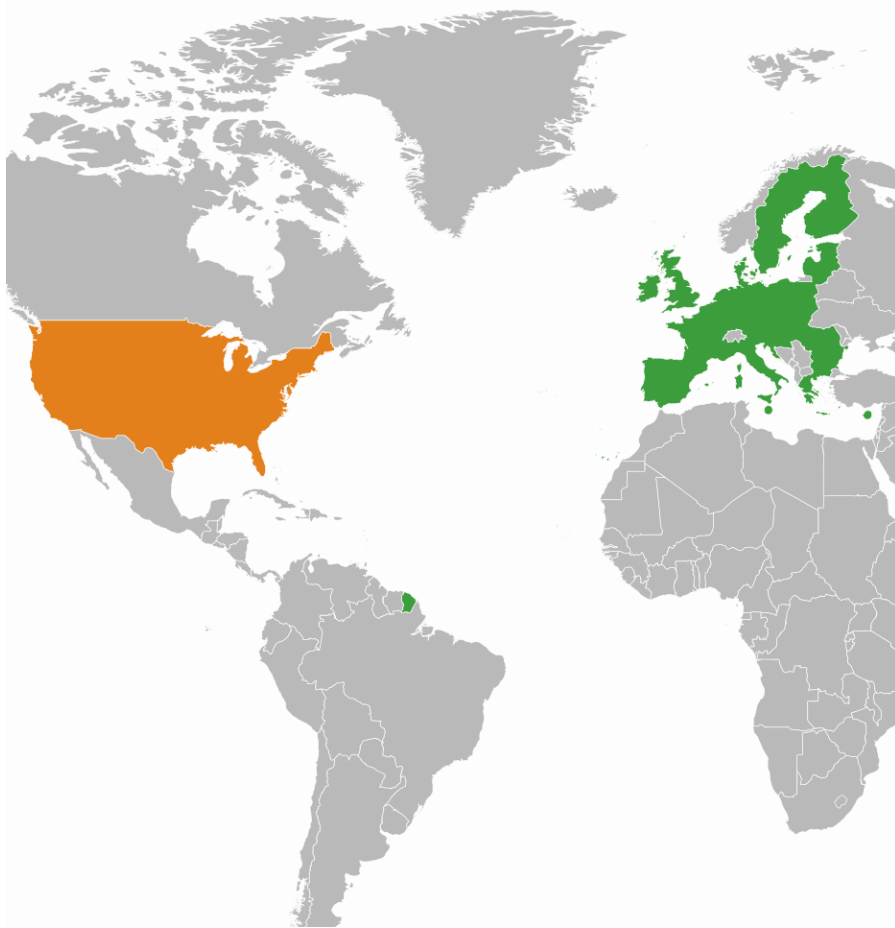
Layers













提問討論





Thank You