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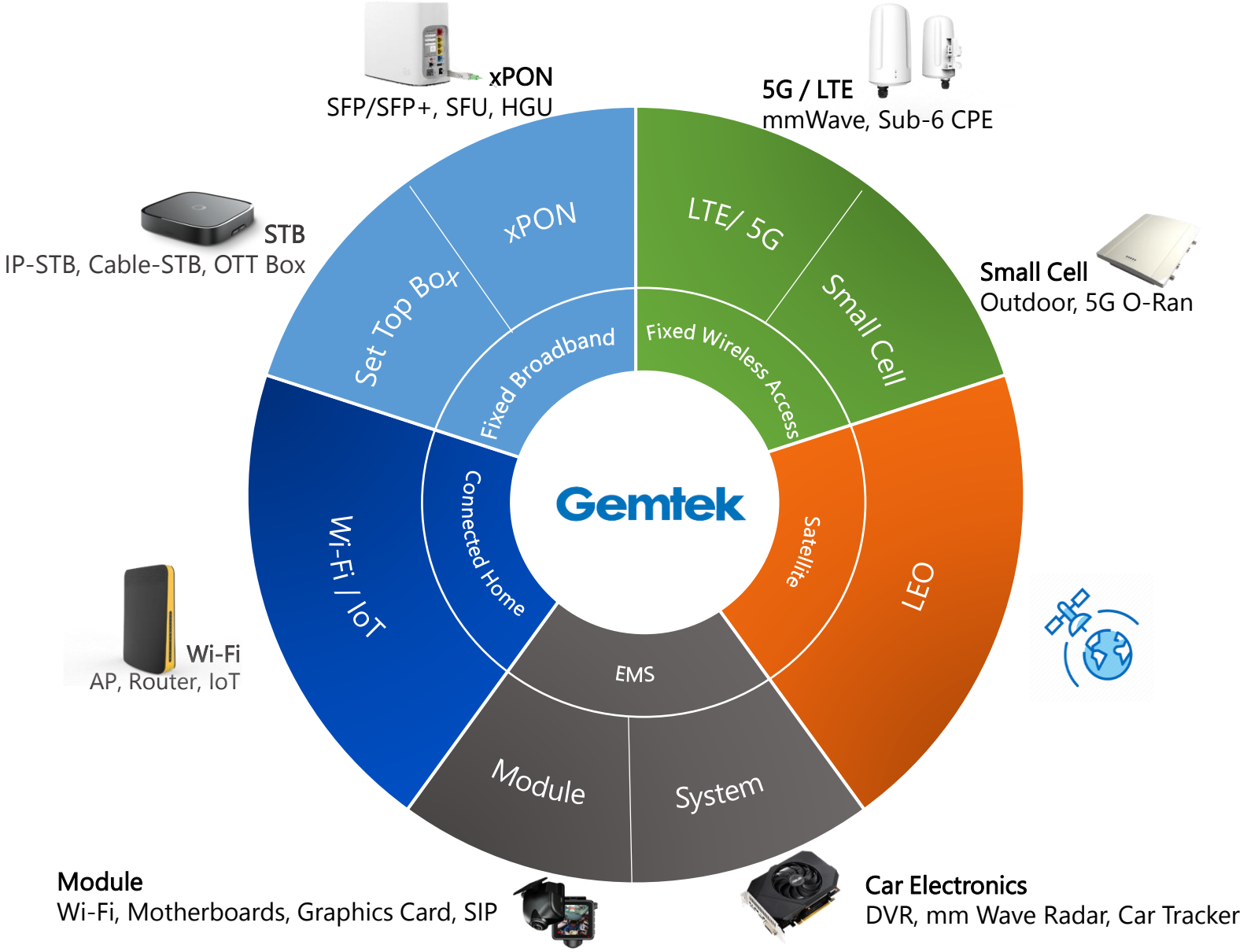
產品線



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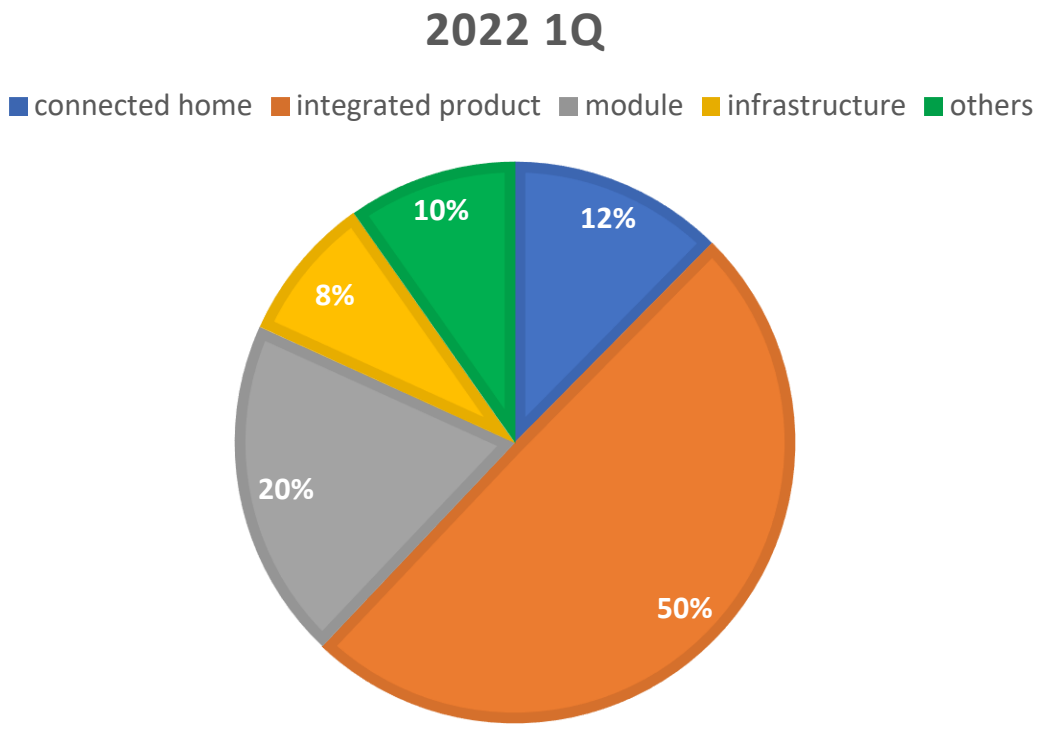
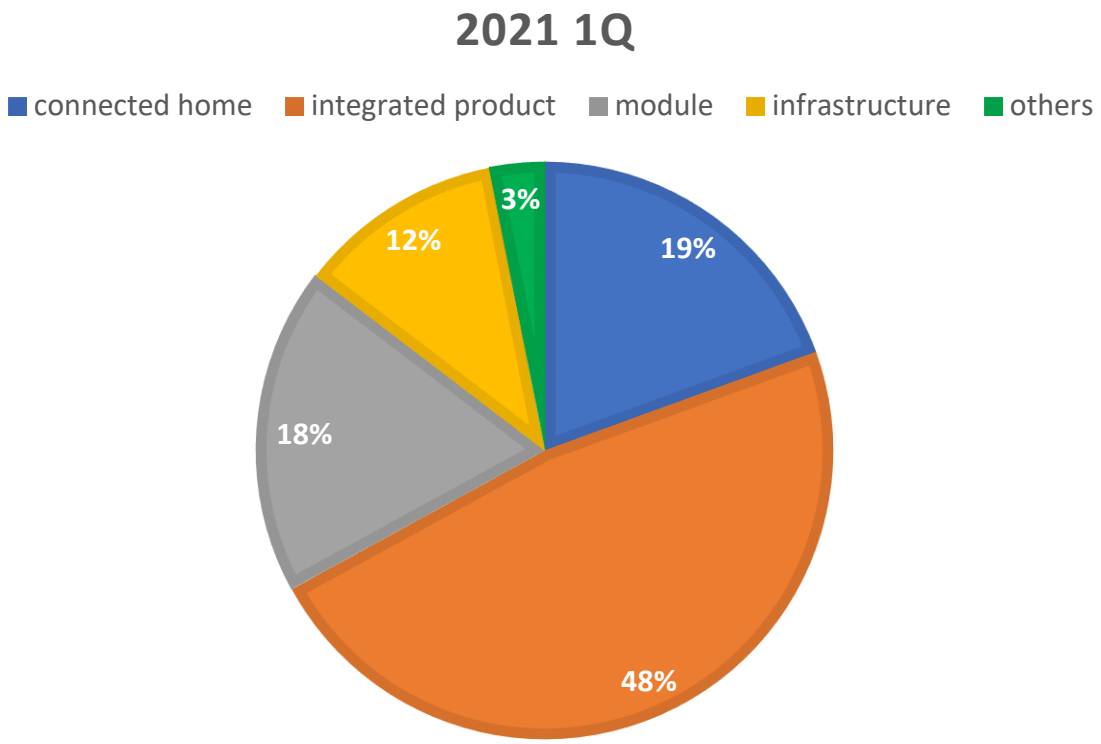
銷貨分析





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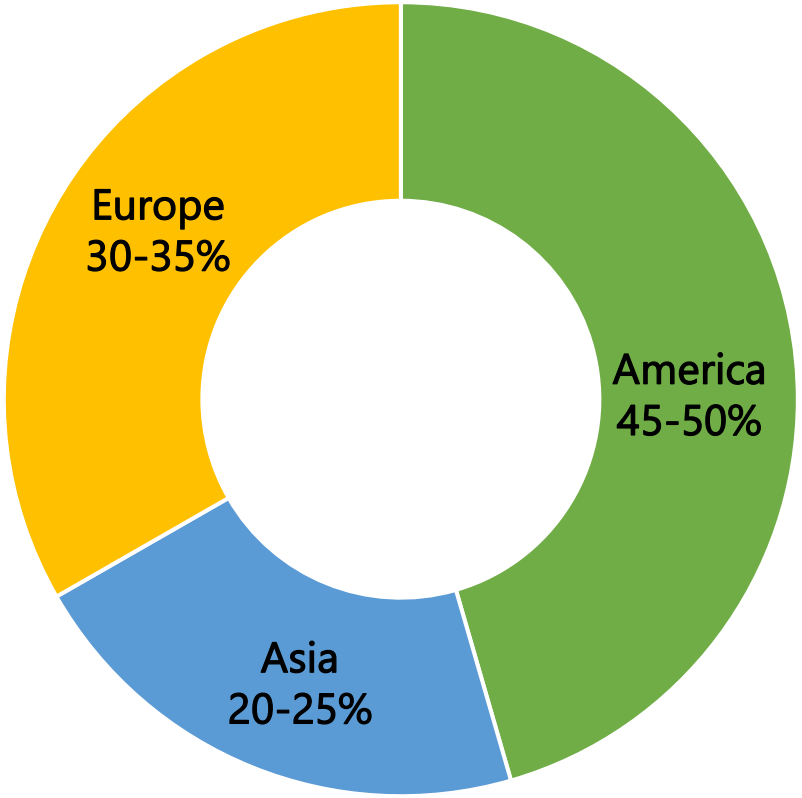
主要市場



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廠區布局

Czech Republic

Land Size: 9,500 m^2
Plant Size: 5,200 m^2

China CS

Plant Size: 41,000 m^2
Land Size: 152,000 m^2

China KS

Plant Size: 30,660 m^2
Land Area: 14,000 m^2

Taiwan HQ

Plant Size: 19,975 m^2
Land Size: 29,915 m^2

Vietnam

Plant Size: 26,000 m^2
Land Size: 36,000 m^2

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產能分配

	Hsinchu, Taiwan	Ha Nam, Vietnam	Kunshan & Changshu, China	
Capacity (by product)	≈ 12%	≈ 38%	≈ 30% (KS)	≈ 20% (CS)
Capacity (by revenue)	≈ 5%	≈ 45%	≈ 30% (KS)	≈ 20% (CS)
SMT	5	9+	13	9

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核心技術

Wi-Fi

Wi-Fi 5 IEEE802.11ac
Wi-Fi 6/6E IEEE802.11ax
Wi-Fi 7 IEEE802.11be

Fiber Fixed Broadband

GPON / EPON
XGSPON / 10G EPON/ DPoE 2.0
NGPON2 / 25G PON / 50G PON

Wireless Telecom

CBRS /LoRa
LTE (Long Term Evolution)
5G Sub-6
5G mmWave
Low Earth Orbit

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4G/5G 產品的一站式消費

LPWAN

IOT

WAN – 150Mbps
Wi-Fi 4
FE LAN
VoLTE/CS Voice

LTE

WAN – 300Mbps
Wi-Fi 5
Gb LAN
VoLTE/CS Voice

LTE Adv

WAN - 600Mbps +
Wi-Fi 5
Gb LAN
VoLTE

LTE Adv Pro

WAN – 1Gbps +
Wi-Fi 6
Multi-Giga LAN
VoNR / VoLTE

5G NR

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完整的5G解决方案

Enterprise Private core network

Gemtek NSA developing
HW platform (B3+N78)

Gemtek CBRS ng-eNB
Support SAS client function
FCC Certification Passed
Compatible to 5G SA core

Gemtek SA gNB
developing
HW platform
(n78)

Cat 12/18 Indoor CPE

5G Sub-6 CPE

Local 5G IOT Gateway

Cat 12/18 Outdoor CPE

5G mmWave CPE

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FWA

5G Indoor Platform (Sub-6GHz only)

5G NR | 802.11 b/g/n | 802.11ax | VoLTE | VoIP | VoNR

LTE-A Pro | 802.11 b/g/n | 802.11ac | VoLTE | VoIP

5G outdoor CPE

5G NR | LTE-A Pro

5G NR | LTE-A Pro

LTE-A Pro | GNSS

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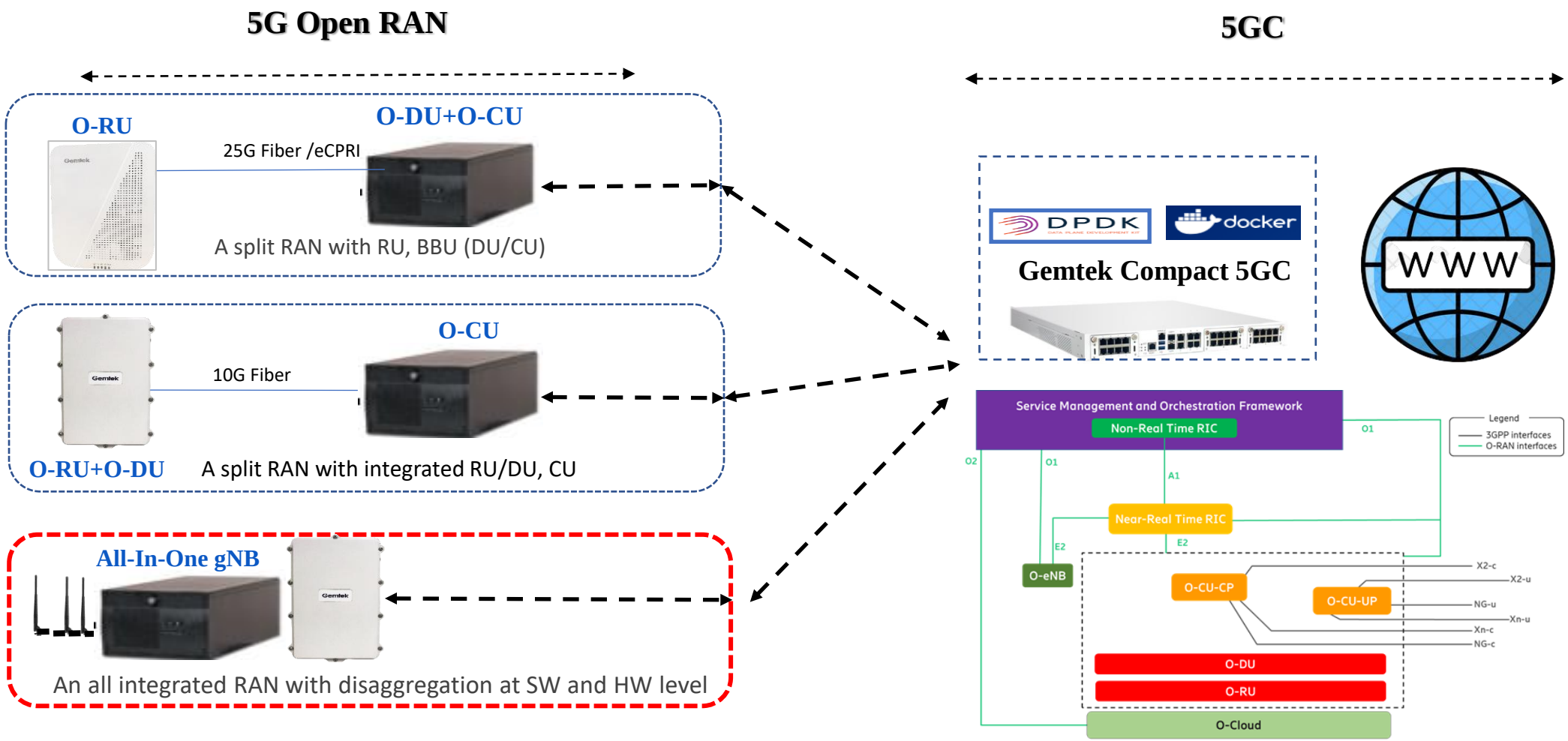
Open-RAN 架構下的產品



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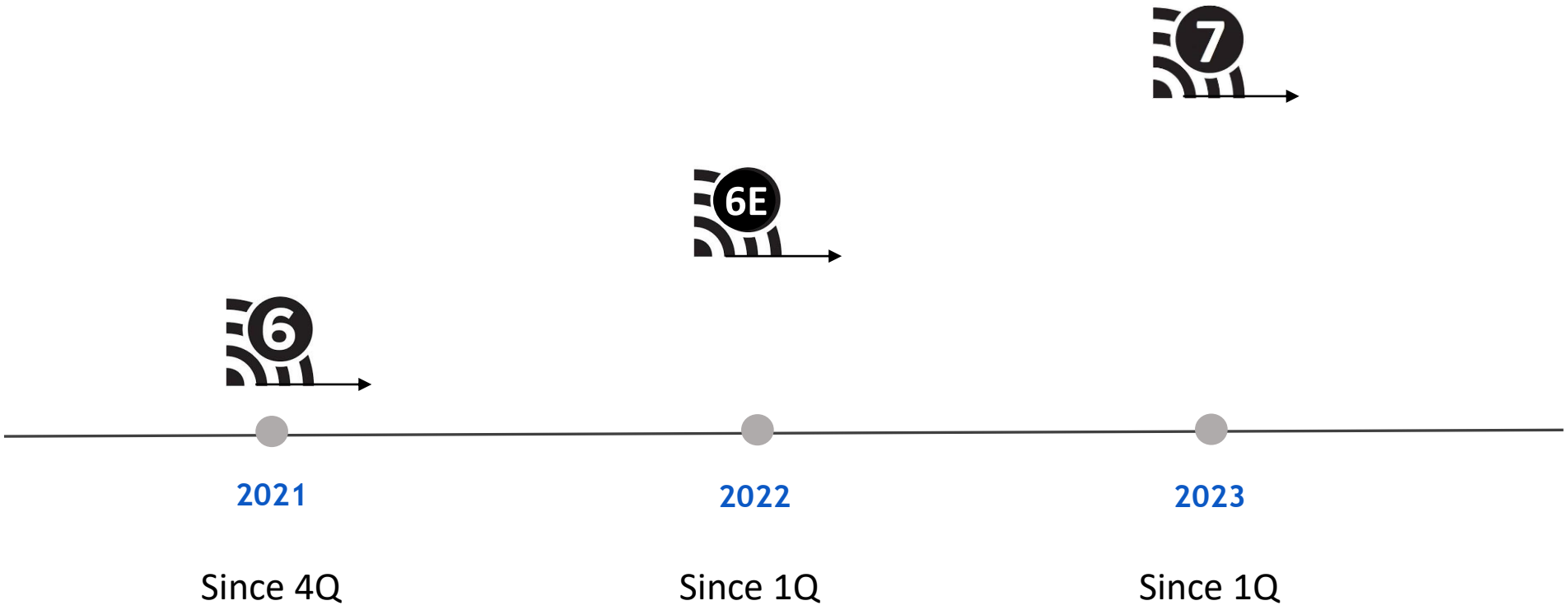
Wi-Fi



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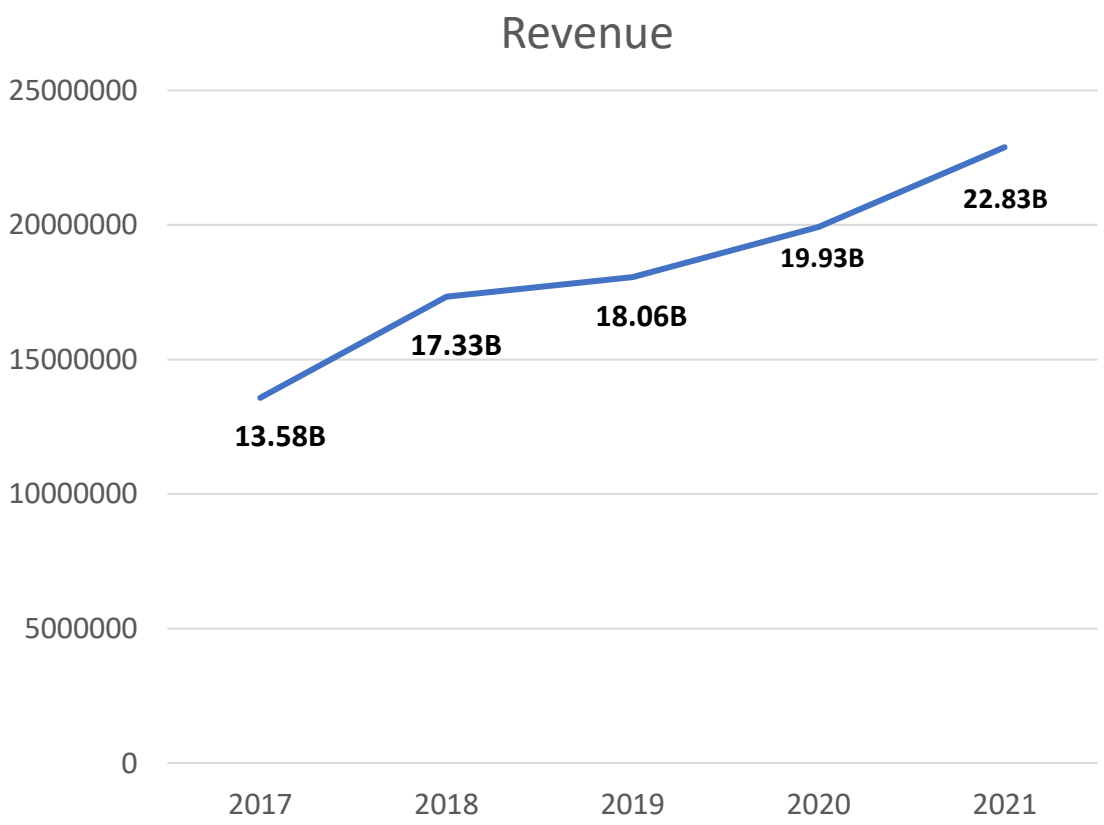
年營收穩定成長



- 2021 Revenue : YoY+14.81%

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1Q 2022 財務表現

In NTD (thousand)	1Q 2022	1Q 2021
Operating Revenue	5172589	5240283
Gross Profit	479862	522150
Operating Cost	4692727	4718133
Operating Expenses	478269	394584
Operating profit	1593	127556
Non-Operating Income and Expenses	146091	23400
Pre-Tax Profit	147684	150966
Net Income	126663	128786
Basic EPS（NTD）	0.13	0.36

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挑戰 & 機會

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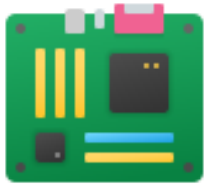
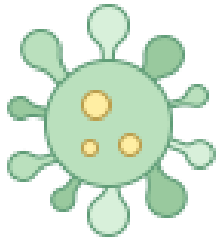
挑戰



Material Supply



COVID 19

Worsen Condition of China Manufacturing

Tariff

Currency Risk

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機會– 乾淨網路計畫

SELECT 5G CLEAN TELECOMMUNICATIONS COMPANIES

- Clean Carriers
- Clean App Stores
- Clean Apps (Exclude TikTok, WeChat, etc.)
- Clean Cloud
- Clean Cable (Exclude Hong Kong. Connect Taiwan and the Philippines)

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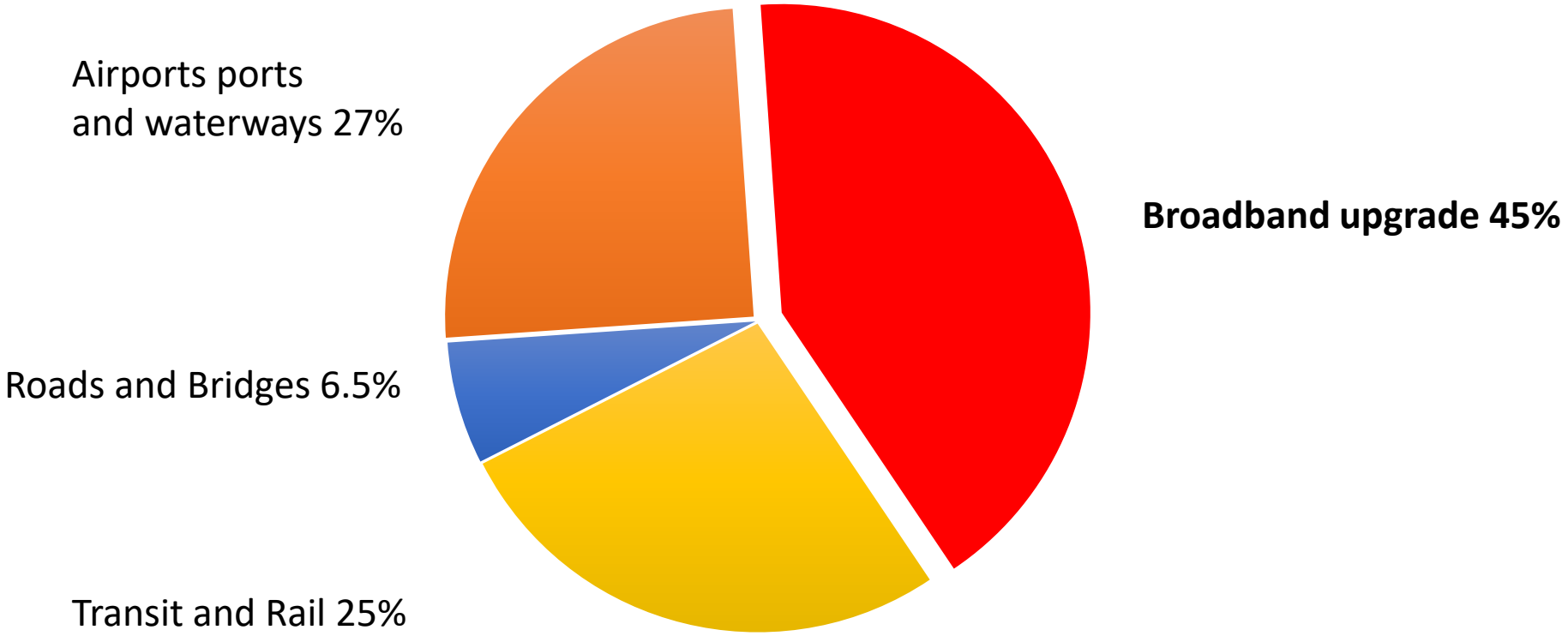
機會– 拜登簽署基礎建設案

$65 billion USD will be used to improve States's internet equipment



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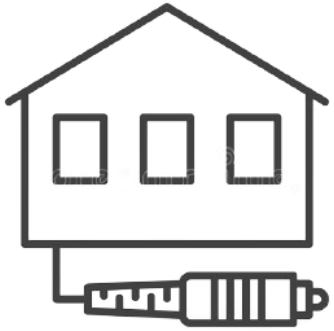
機會 – 新科技

WiFi 6™

WiFi 7

LEO

5G



Fiber

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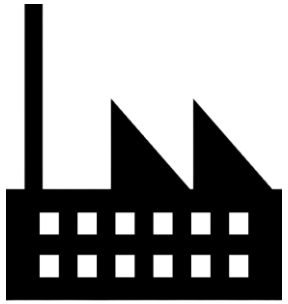
機會 – 轉單效應

The Orders place in China product line



Orders from Big EMS company

Transfer

Gemtek Can Do

- Shipment / Manufacture outside of China.
- Highly customize production

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Q & A

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