



SUNPLUS

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凌陽科技 2022年第二季 財務報告

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Make difference

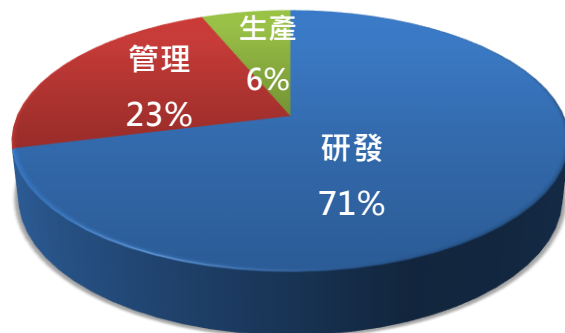
集團企業

	專業	持股比	股票代號
 SUNPLUS	凌陽科技股份有限公司 (592m shares) 數位影音娛樂多媒體系統單晶片設計與矽智財設計	100%	TWSE#2401
	凌通科技股份有限公司 (109m shares) 語音、LCD、數位影像處理與MCU晶片設計	48%	TWSE#4952
	凌陽創新科技股份有限公司 (59m shares) 網路攝影機、影像信號處理控制與人機介面控制晶片設計	58%	TWSE#5236
	景相科技股份有限公司 (24m shares) 車用微控制器與USB儲存ASIC	97%	
	宏陽科技股份有限公司 (64m shares) 光儲存與馬達驅動晶片設計	93%	

* Based on 2022/6/30 Consolidated-holding by Sunplus

人力結構

集團人力

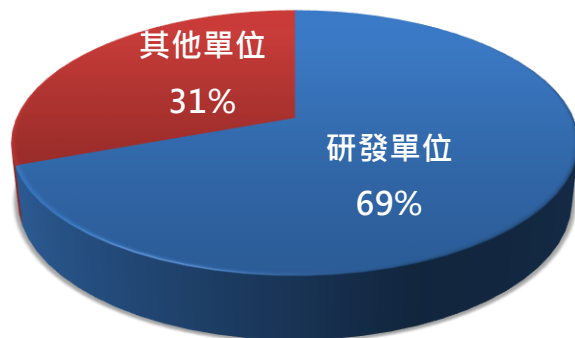


集團員工人數 / 研發人員

1,083 / 770

42%碩士以上

凌陽科技人力



凌陽科技員工人數 / 研發人員

354 / 244

62%碩士以上

* Data by 2022/6/30

第二季 合併綜合損益表

(新台幣佰萬元)	2022 2Q		2022 1Q		2021 2Q		季同比	年同比	備註
營業收入淨額	1,985	100%	2,115	100%	2,102	100%	(6%)	(6%)	QoQ : S-21%、G+5%、IT-15% YoY : S+0.3%、G+8%、IT-30%
營業成本	951	48%	960	45%	1,024	49%	(1%)	(7%)	
營業毛利	1,034	52%	1,154	55%	1,078	51%	(10%)	(4%)	IT營收佔比下降
研究發展費用	546	28%	624	30%	512	24%	(13%)	7%	獎金計提減少
銷售管理費用	226	11%	261	12%	250	12%	(14%)	(10%)	
營業淨利	262	13%	269	13%	316	15%	(2%)	(17%)	
營業外收入及支出	(66)	(3%)	363	17%	210	10%	(118%)	(131%)	持股價值下降
本期淨利	119	6%	550	26%	440	21%	(78%)	(73%)	
其他綜合損益	(68)	(3%)	115	5%	(37)	(2%)	(159%)	86%	
本期綜合損益總額	50	3%	665	31%	403	19%	(92%)	(88%)	
淨利歸屬於：									
本公司業主	(44)	(2%)	371	18%	285	14%	(112%)	(115%)	
非控制權益	163	8%	179	8%	155	7%	(9%)	5%	
每股盈餘 (元)	(0.08)		0.63		0.49				

** EPS based on outstanding 591,994,919 shares on 2022/6/30

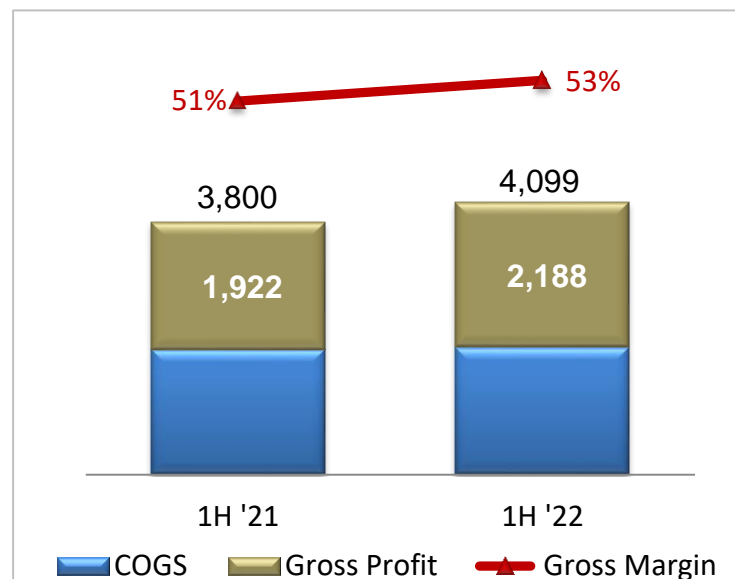
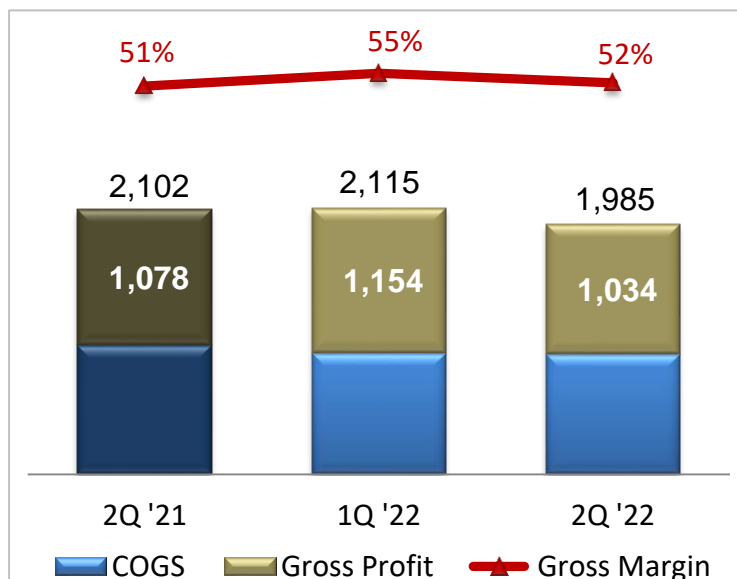
上半年合併綜合損益表

(新台幣佰萬元)	2022 1H		2021 1H		年同比	備註
營業收入淨額	4,099	100%	3,800	100%	8%	S+27%、G+19%、IT-19%
營業成本	1,911	47%	1,878	49%	2%	
營業毛利	2,188	53%	1,922	51%	14%	產品組合
研究發展費用	1,170	29%	1,016	27%	15%	人事費用上升
銷售管理費用	487	12%	468	12%	4%	
營業淨利	531	13%	438	12%	21%	
營業外收入及支出	297	7%	471	12%	(37%)	持股價值減少
本期淨利	668	16%	757	20%	(12%)	
其他綜合損益	47	1%	(28)	(1%)	(269%)	
本期綜合損益總額	716	17%	730	19%	(2%)	
淨利歸屬於：						
本公司業主	327	8%	503	13%	(35%)	
非控制權益	342	8%	254	7%	34%	
每股盈餘 (元)	0.56		0.85			

** EPS based on outstanding 591,994,919 shares on 2022/06/30

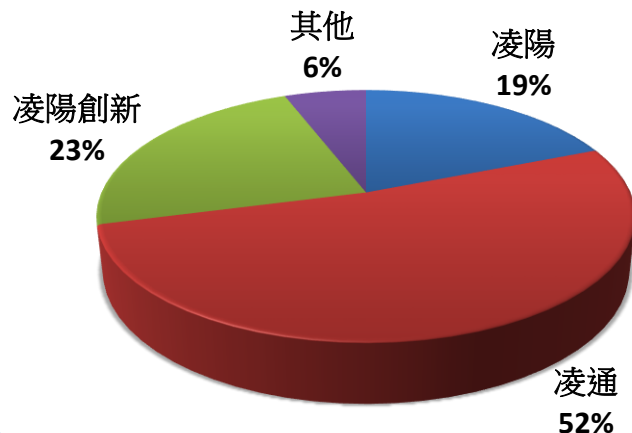
合併營收與毛利

NT\$ million



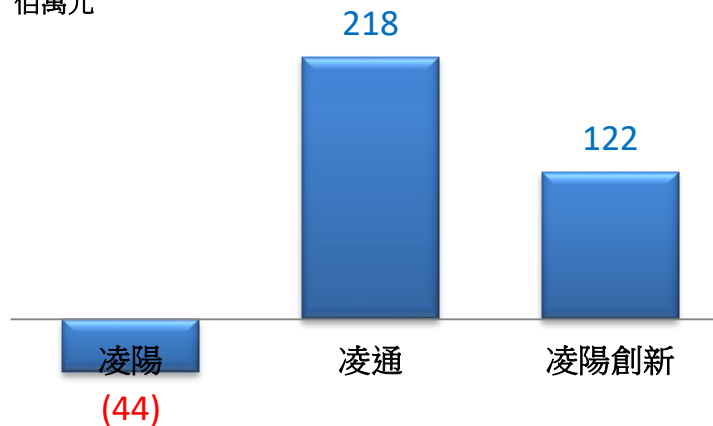
子公司貢獻

2Q '22 營收淨額：1,985 MNT\$

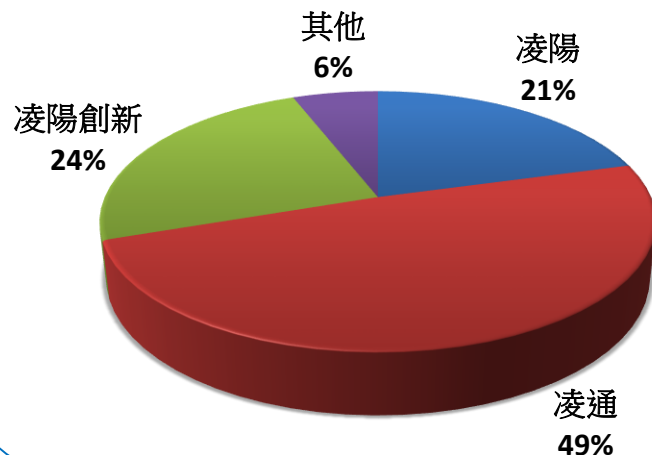


2Q '22 本期淨利

佰萬元

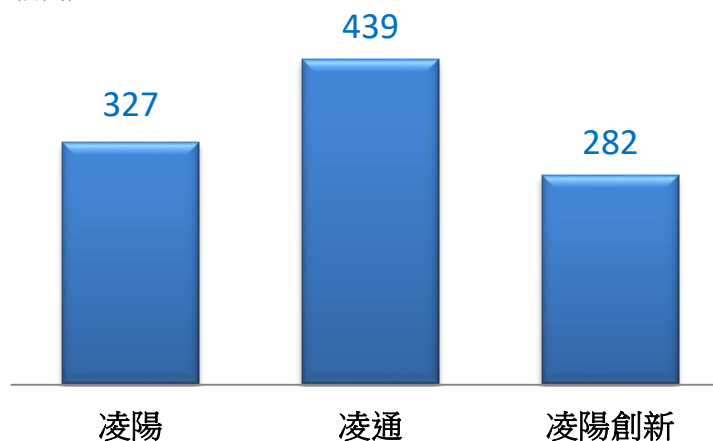


1H '22 營收淨額：4,099 MNT\$



1H '22 本期淨利

佰萬元



合併資產負債表

(新台幣佰萬元)	2022 2Q	2022 1Q	2021 2Q	季同比	年同比	備註
資產總計	16,637	16,357	13,782	2%	21%	
現金及約當現金	4,577	4,336	3,541	6%	29%	
透過損益按公允價值衡量之金融資產-流動	1,778	1,819	1,190	(2%)	49%	YoY：IT增資做資產配置
存貨淨額	1,973	1,723	1,082	14%	82%	需求下降
採用權益法之投資	931	955	932	(3%)	(0%)	
透過損益按公允價值衡量之金融資產-非流動	1,727	1,754	1,362	(2%)	27%	YoY：公允價值衡量上升
負債合計	5,032	3,350	3,152	50%	60%	
短期借款	138	77	329	79%	(58%)	
應付票據及帳款	652	683	607	(5%)	7%	
其他流動負債	2,937	1,215	969	142%	203%	應付股利，2021在3Q
權益合計	11,605	13,007	10,630	(11%)	9%	
股東權益報酬率 %	11.52%	16.91%	14.25%			
每股淨值 (元)	15.68	17.86	15.03			

現金流量表

(新台幣佰萬元)	2022 2Q	2022 1Q	2021 2Q	季同比	年同比	備註
營業活動之現金流入(出)	236	(453)	279	(152%)	(16%)	1Q年獎、權利金
投資活動之現金流入(出)	(71)	13	(111)	(650%)	(36%)	1Q贖基金、2Q投資
融資活動之現金流入(出)	67	(71)	44	(194%)	51%	G_1Q還款、2Q新增借款
現金淨增加(減少)數	241	(499)	207	(148%)	16%	
期末現金及約當現金餘額	4,577	4,336	3,541	6%	29%	

(新台幣佰萬元)	2022 1H	2021 1H	年同比	備註
營業活動之現金流入(出)	(217)	423	(151%)	人事費用、存貨支出、權利金
投資活動之現金流入(出)	(58)	(497)	(88%)	處分芯鼎股權
融資活動之現金流入(出)	(5)	219	(102%)	2021 S長借
現金淨增加(減少)數	(259)	140	(284%)	
期末現金及約當現金餘額	4,577	3,541	29%	

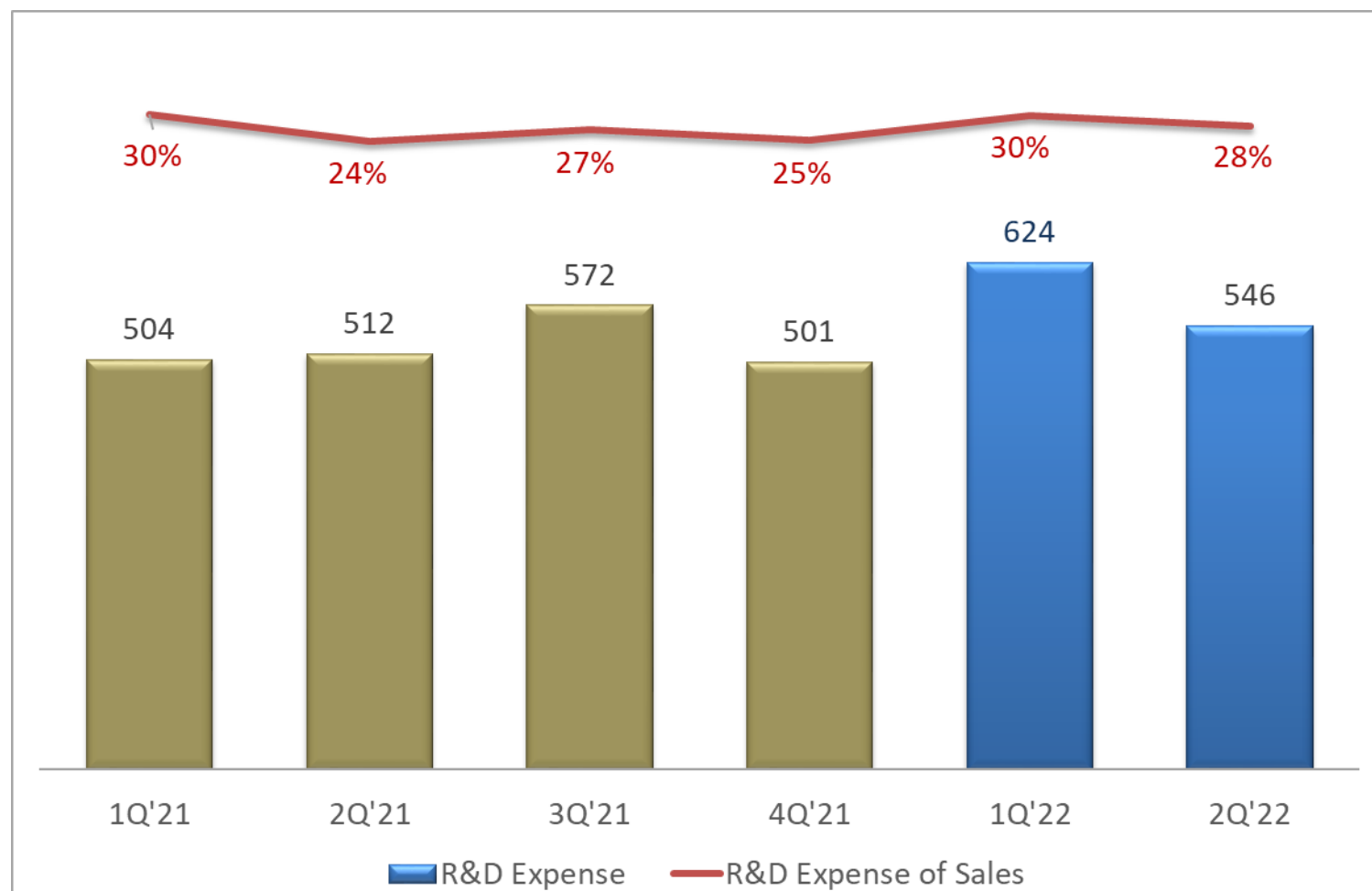
營業外收入及支出

(新台幣佰萬元)	2022 2Q	2022 1Q	2021 2Q	季同比	年同比	備註
其他收入	30	40	57	(24%)	(47%)	
外幣兌換淨利益(損失)	21	27	(5)	(25%)	(511%)	
透過損益按公允價值衡量之金融資產利益	(202)	(158)	127	28%	(259%)	持有股權價值下降
採用權益法認列之關聯企業損益份額	7	1	25	498%	(72%)	芯鼎獲利狀況
處分權益法之投資利益	1	448	0	(100%)		處分芯鼎持股
營業外收入及支出合計	(66)	363	210	(118%)	(131%)	

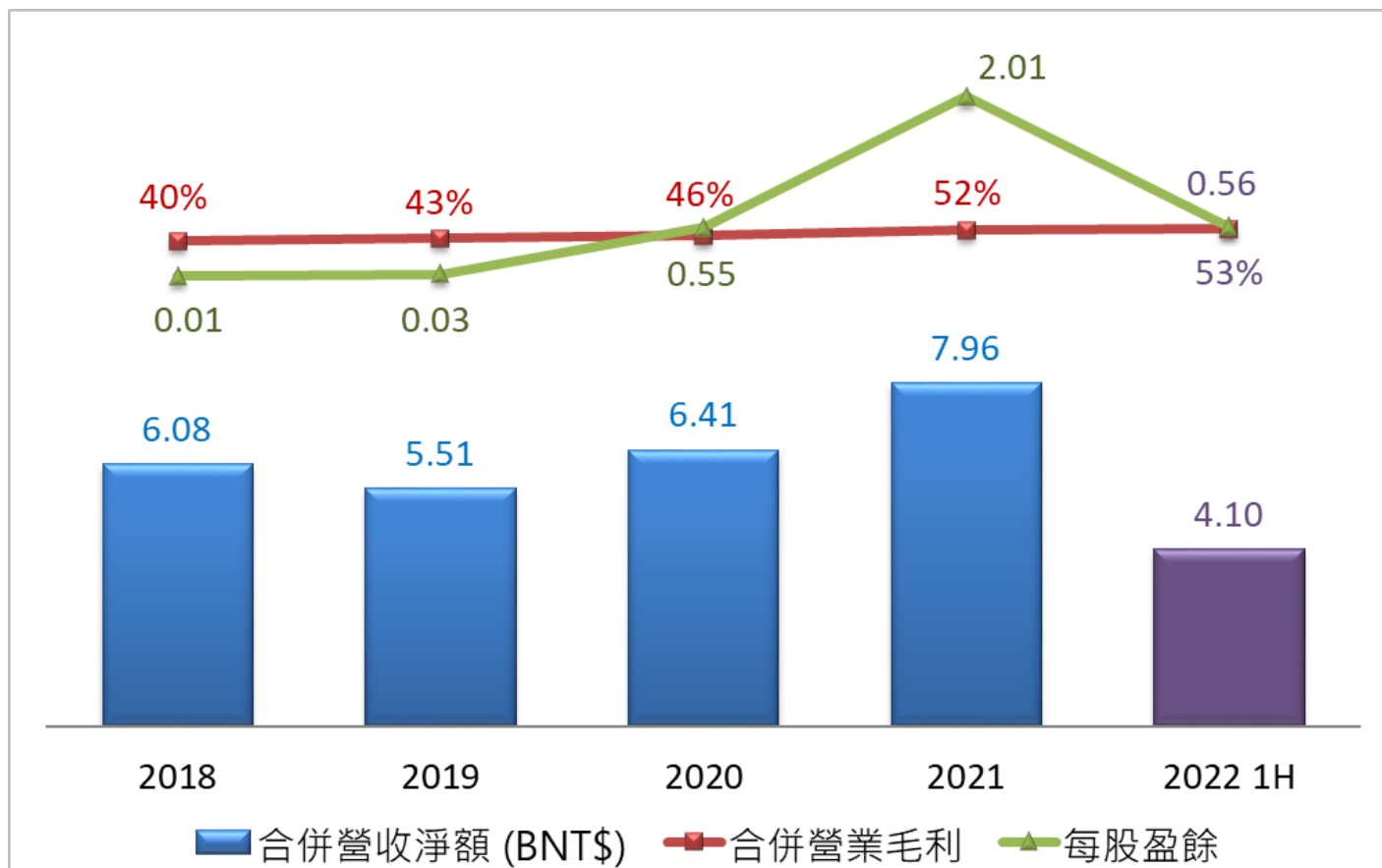
(新台幣佰萬元)	2022 1H	2021 1H	年同比	備註
其他收入	70	96	(27%)	
外幣兌換淨利益(損失)	48	(11)	(532%)	
透過損益按公允價值衡量之金融資產利益	(360)	353	(202%)	持有股權價值下降
採用權益法認列之關聯企業損益份額	8	22	(62%)	芯鼎獲利狀況
處分權益法之投資利益	449	0		處分芯鼎持股
營業外收入及支出合計	297	472	(37%)	

研發費用與佔營收比 (合併)

NT\$ million



財務概況



凌陽集團

Generalplus

凌通科技

Consumer IC/ Wireless charger



凌陽科技

Automotive/Audio/DVD IC & IP



SUNEXT

宏陽科技

Intelligent Driving & Ultra High-Definition Disc



SunplusIT

凌陽創新科技

UVC & HID Application



景相科技

Automotive MCU & USB Media Controller



凌陽產品組合

Automotive

In-Vehicle Infotainment



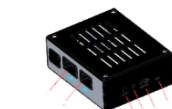
Display Audio



RSE



AVM/BSD



SUNPLUS

Soundbar/Party Speaker



DVD

CD/DVD Player



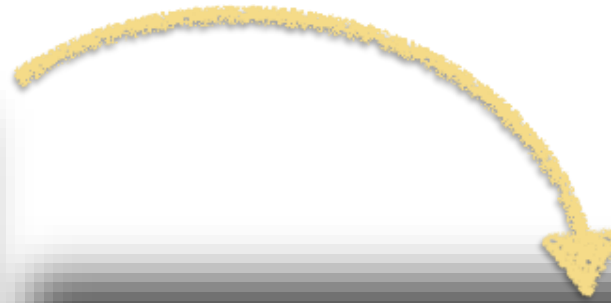
Karaoke



Audio

Automotive

Display Audio - Smartphones make computing more personal, and make cars smarter



IVI - Display Audio



OS Level Links

Apple CarPlay



Google AndroidAuto



Huawei Hicar



Application Level Links

Baidu Carlife



Abalta Weblink



Carbit YiLian



Amazon Alexa



Sunplus Proprietary

iOS Mirror



Auto Link



Automotive Product

Automotive Applications Processors

- Cluster



- In-Vehicle-Infotainment



- AVM/ADAS



iCockpit: IVI+Cluster



IVI+AVM

Was: IVI & AVM Box



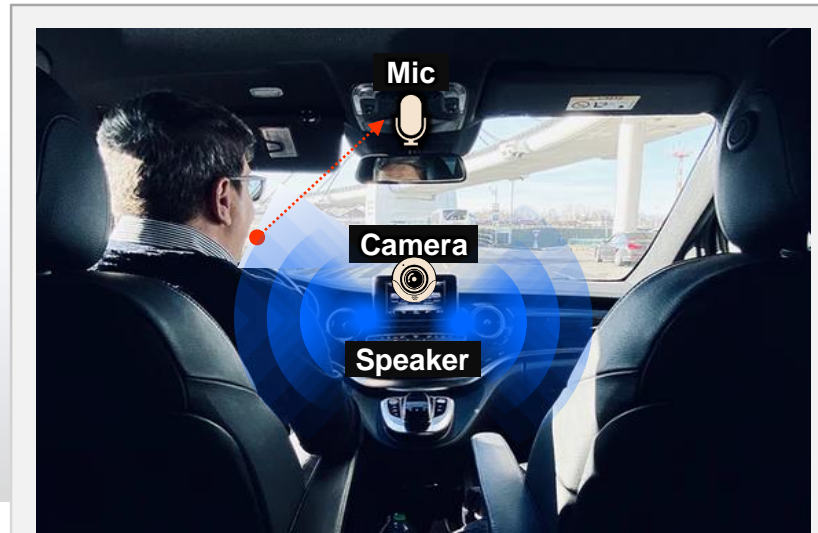
Now: IVI with AVM Built-in



Cost Saving

IVI+ADAS

iCopilot Project



Driver ID.



Face Detection

Face Recognition

Voice Recognition



Driver Monitor System (DMS)



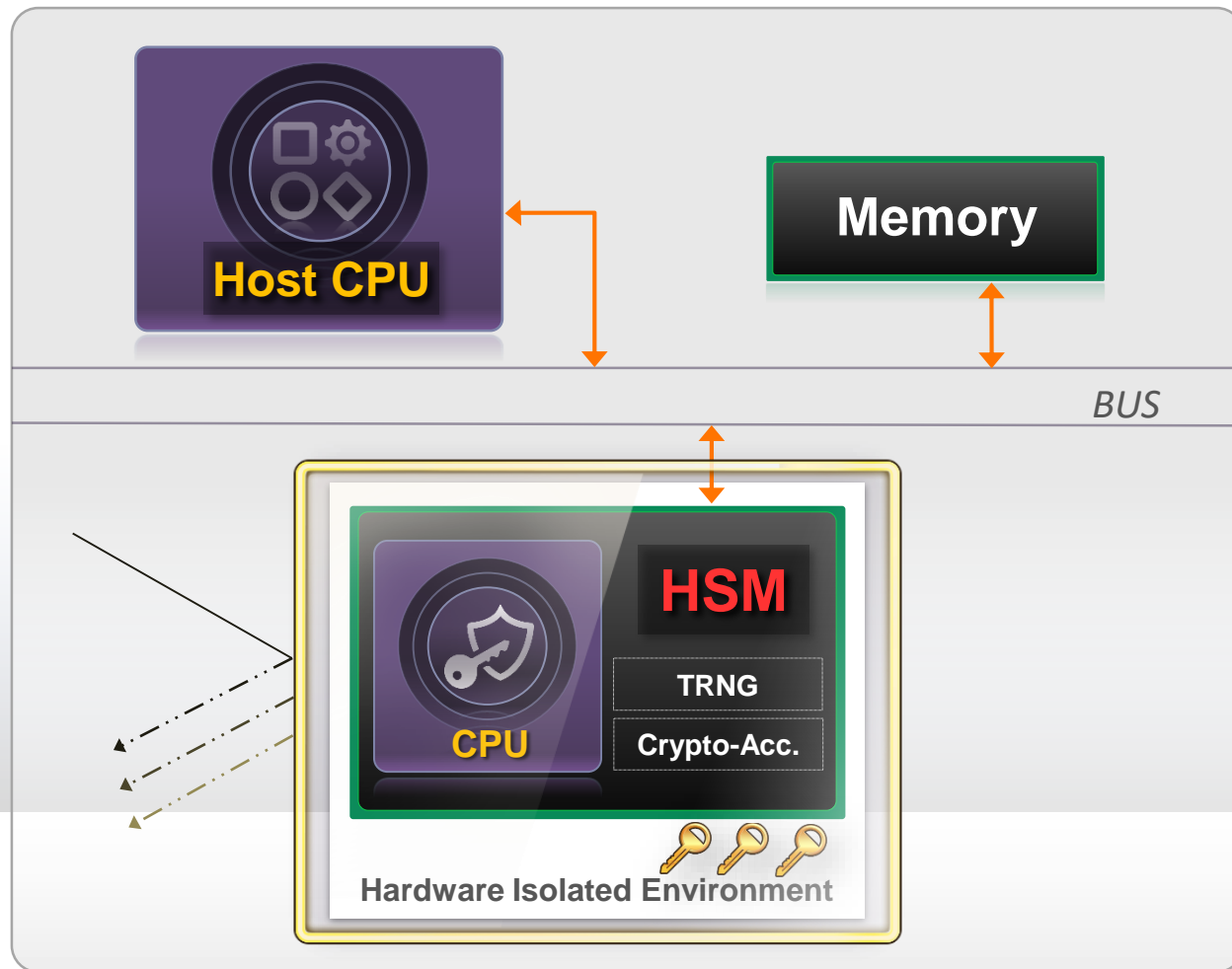
Face Detection

Driver Distraction / Fatigue Detection

Voice Assistant



HSM: Hardware Security Module

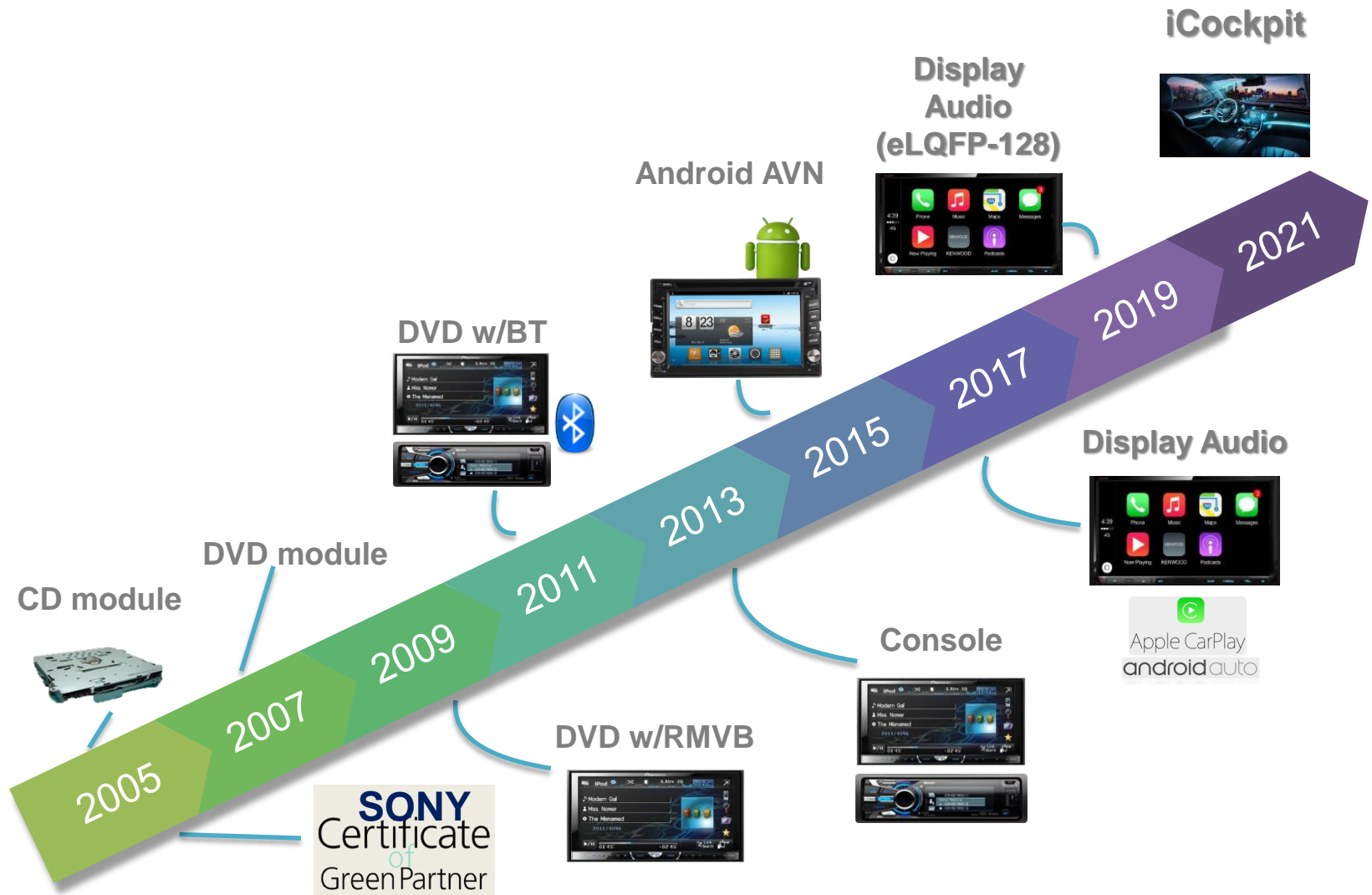


Motorcycle Cluster

- 7 inches LCD Cluster
 - Dual Bluetooth Module (Phone & Helmet)
- Support wireless phone-link APP
 - Navigation
 - Phone Call
 - Music Playback
- Support Phone Screen Mirroring



Auto. Product Line since 2005



From Apple to AI – Smart Information Hub



Audio

Audio Products

- Especially focus on Soundbar Products



Personal Speaker



Karaoke DJ Soundbar



Party Speaker



Boombox



Premium Soundbar

Soundbar

- Bridging the gap of Flat-panel HDTV & Home Theater



Best Cost-Performance Premium Soundbar Solution

3D Sound Effects

- Dolby ATMOS v1.8
- DTS: X, IMAX enhanced
- MPEG-H
- Sunplus Spatial Sound

AI Sound Classifier

- Advanced AI algorithms accurately classify media content

Room Correction

- Optimize the acoustics of Main Bar, Subwoofer for room

Sound Tuning Tool

- Powerful GUI tuning tool supports arbitrary sound adjustment

3rd-party Algorithm

- Capable of compatible to customer legacy sound algorithm



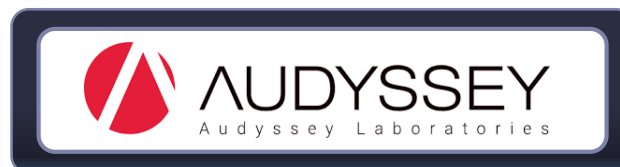
Bluetooth v5.3

- LE Audio, LC3/LC3plus Codecs
- Multi-stream, Broadcast

AUX VA Input

- Function ready of wire connecting to Voice Assistant device

Soundbar Software Partner



凌陽科技 IP 及 IC設計服務

- 為單晶片設計提供最佳化IP解決方案

IP 及 IC設計服務



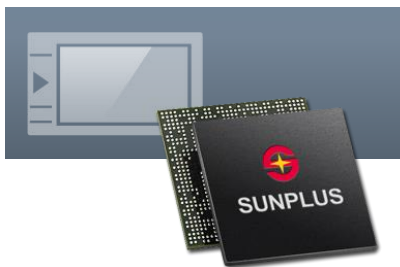
Media I/F (Audio/Video)

MIPI RX IP · HDMI Tx IP · LVDS IP · AUDIO ADC
AUDIO DAC · VIDEO DAC...



Data/Com I/F (Networking/Datacom)

10/100 ETHERNET PHY · USB 2.0 · USB 3.0
DDR 3/2 PHY · SerDes...



SoC Companion

SAR ADC · Pipeline ADC · PLL · SPREAD
SPECTRUM PLL...

Q & A



SUNPLUS



Make difference