



RichWave Technology Corp.

2018 Q4 Investor Conference

Mar. 2019

COMPANY OVERVIEW

SHANGHAI
SHENZHEN
SEONGNAM
TAIPEI
CHUPEI

SAN JOSE



Founded
Jan. 2004



Listed in TSE
Nov. 2015



Customers
350



Products
270

Vision



World RF IC Leader by Technology and Innovation



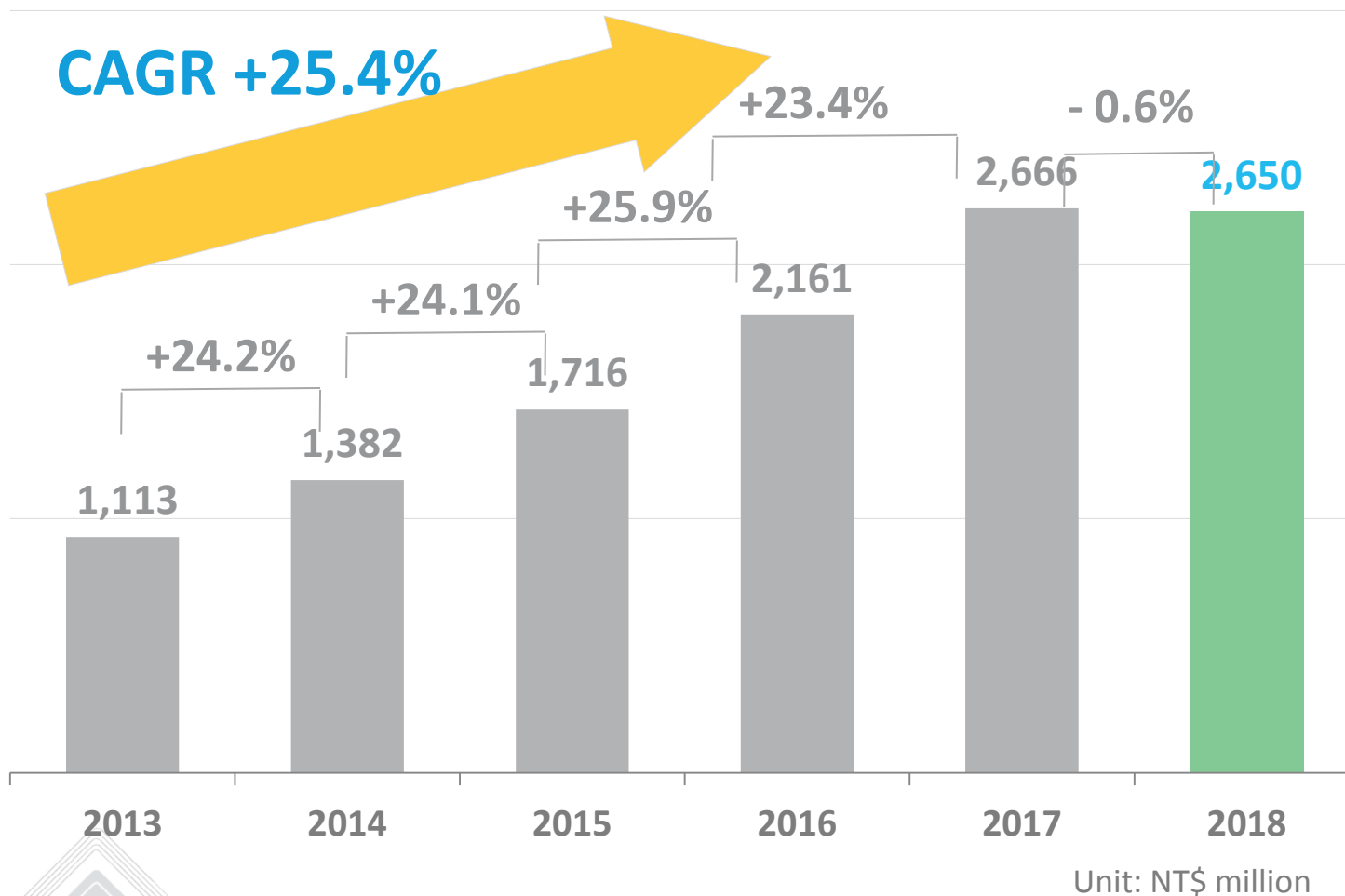
2018 Q4 P&L

Amount:NT\$ MN	2018 Q4		2018 Q3		QoQ	2017 Q4		YoY
	Amount	%	Amount	%	%	Amount	%	%
Net Sales	606	100.0%	669	100.0%	-9.4%	713	100.0%	-15.0%
Gross Margin	210	34.6%	221	33.0%	-5.0%	229	32.1%	-8.3%
Operating Expense	164	27.1%	164	24.5%	0.0%	158	22.2%	3.8%
Operating Profit	46	7.5%	57	8.5%	-19.3%	71	10.0%	-35.2%
Non-Op. Profits(Loss)	1	0.2%	5	0.7%	-80.0%	-5	-0.7%	
Net Income before Tax	47	7.7%	62	9.2%	-24.2%	66	9.3%	-28.8%
Net Income after Tax	40	6.6%	54	8.1%	-25.9%	59	8.3%	-32.2%
EPS	0.65		0.89			1.07		

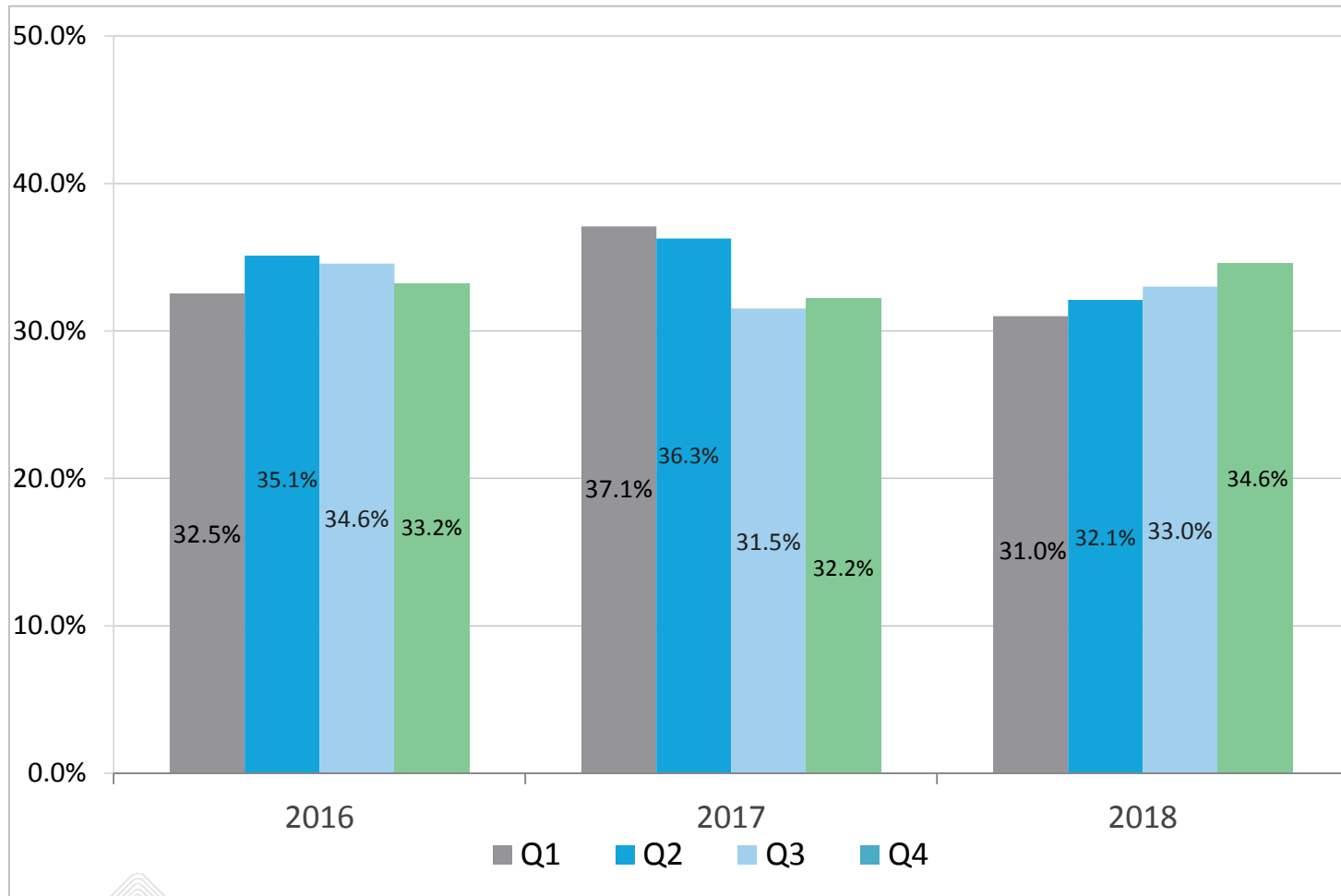


Net Sales 2013-2018

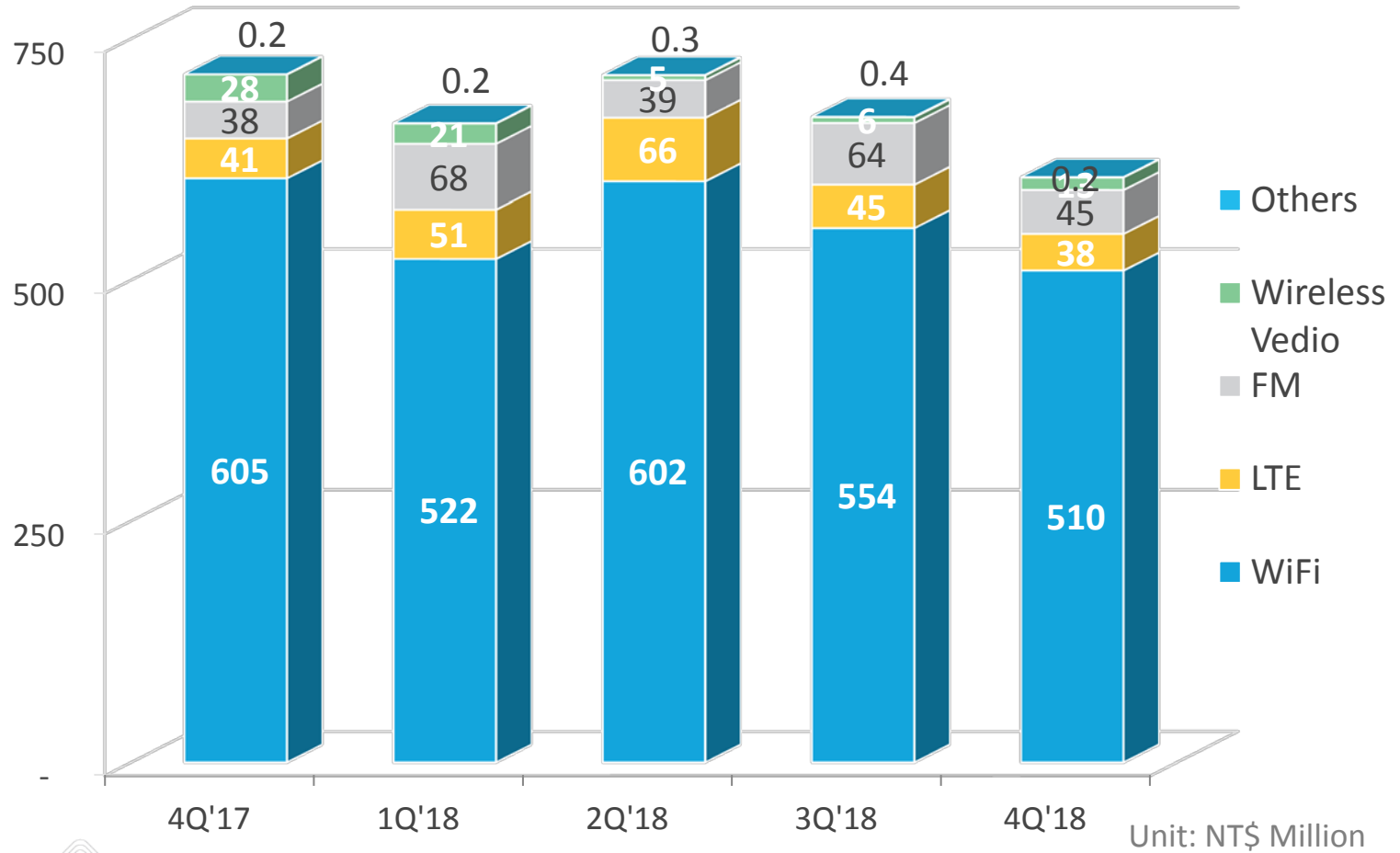
Steady and Continuous Growth



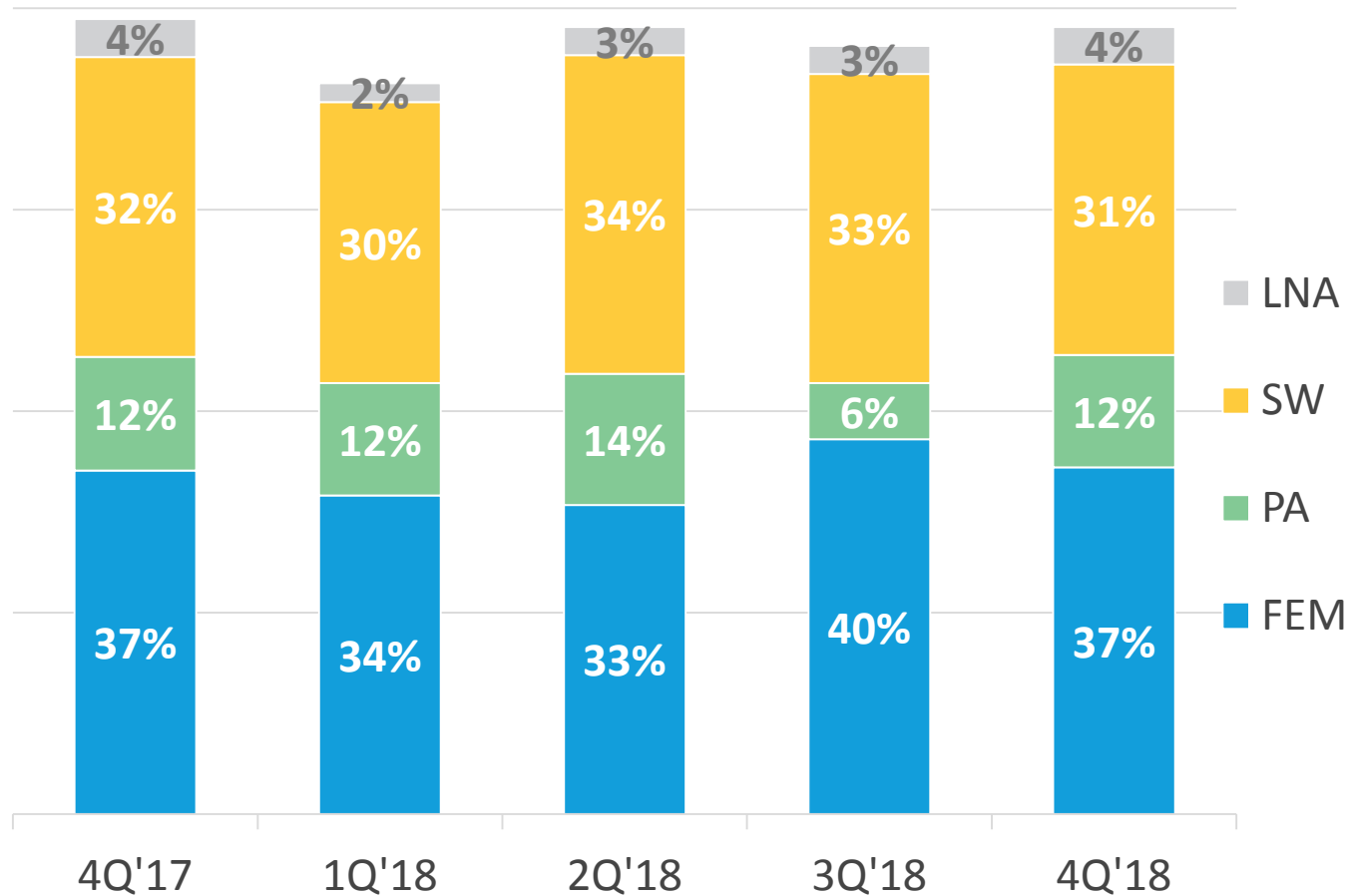
Gross Margin Trend 2016-2018



Revenue by Products

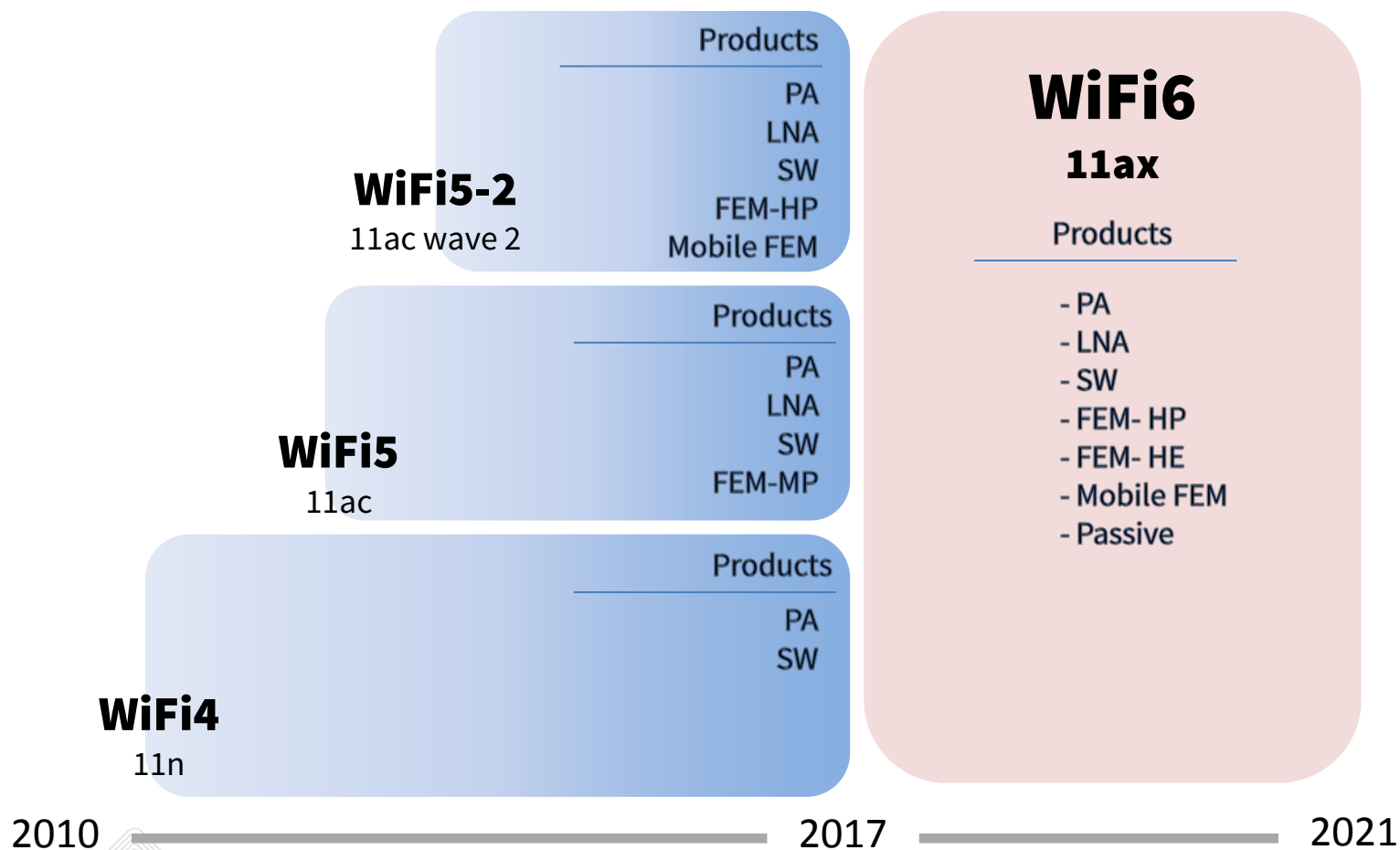


Focus on WiFi FEM Growth

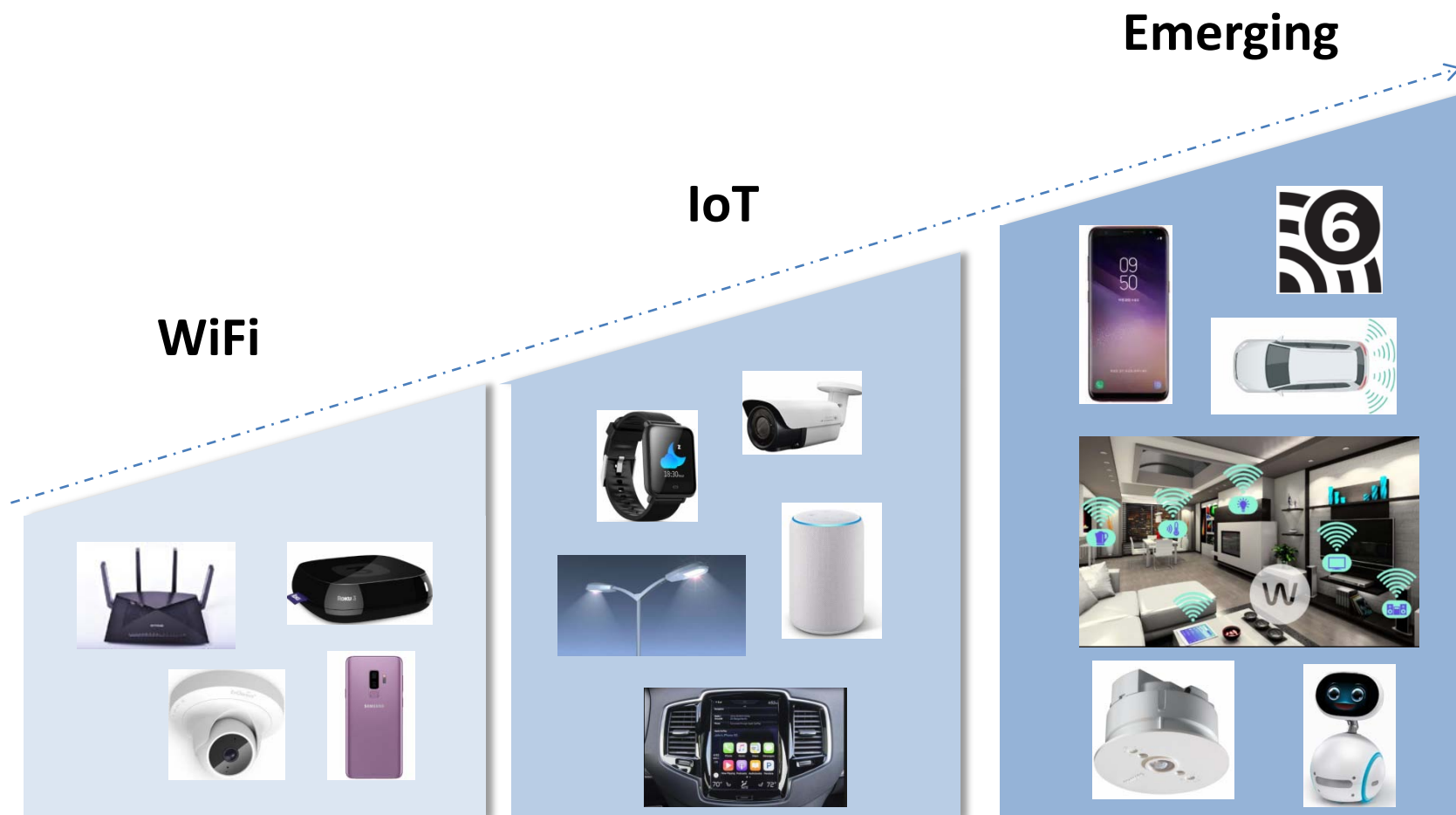


RichWave –WiFi

Enabling Solutions for Broadband Applications



Momentum & Energy of Growth



Business Highlights – WiFi

- Won Broadcom 11ax reference design for platforms
 - 4x4 performance segment – 2G FEM & 5G FEM
 - 2x2 main stream – 5G FEM
- Won Quantenna 11ac reference design for platforms
 - 4x4 performance segment & main stream – 5G FEM



Business Highlights – WiFi

- Penetrated Fiberhome with 11ac FEM for overseas & domestic carriers models
- Won 11ac high power PA design for TP-Link AP routers
- Shipped 11ac FEM devices for Technicolor and Sagemcom PON residential gateways & STB models
- Shipped 11ac FEM devices for DT, BT and other European telco PON residential gateways
- Won 11ac high power PA and FEM design for US Actiontech AP routers
- Shipped 11ac FEM devices for ZTE China mobile PON residential gateways
- Won 11ac FEM design for Nokia mesh AP router
- Won switch design for Google IP cam

FiberHometp-linkSAGEMCOMtechnicolorActiontec®ZTENOKIAGoogle

Business Highlights – Automotive

- Shipped 2G Rx FEM and 5G full FEM devices for WiFi modules for GM automotive
- Shipped LTE Switch devices for LTE modules for Bosch automotive



BOSCH



Business Highlights – FM

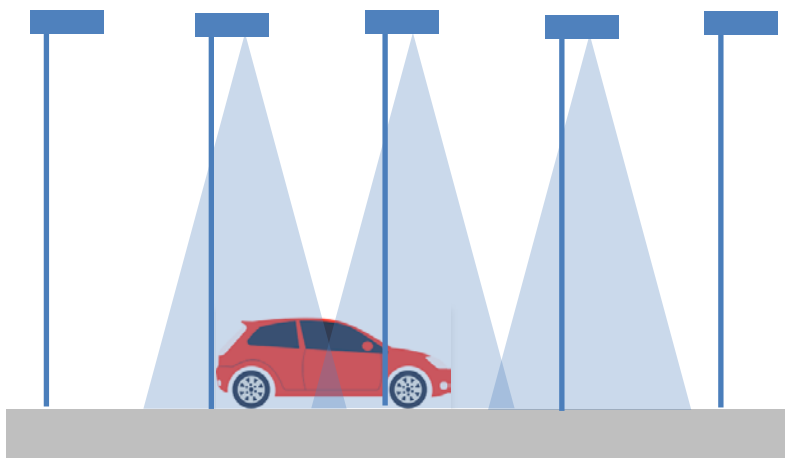
- Shipped FM devices to Samsung Galaxy S9/10 & Note8/9
- Shipped FM devices to LG Falcon
- Won FM design for Samsung Note10 & Samsung Fold
- Won Qualcomm reference design for mobile platform
 - Qualcomm's next generation flagship – new FM device



Business Highlights – RF Sensor

- Won motion detection sensor design for Signify street lighting control
- Won motion detection sensor design for US outdoor security light control

Street light



1. Turn on when car approaching
2. Turn off when car passing
3. Save energy and efficiency

Outdoor security light



Wide view angle & long Sensing distance Max ~20M



RichWave