# ALPHA 时泰科技 Alpha Networks Inc.

### **Investor Conference**

2017/3/21

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### **Safe Harbor Statement**

Except for the statements in respect of historical matters, the statements contained in this release are "forward-looking statements" subject to risks and uncertainties which may make actual performances and results differ materially from those contained in the forward-looking statements, including the financial stability of international market, demand in end market, supply chain management, impact of competitive products and pricing, exchange rate fluctuations, and other risks beyond the control of the company.

#### Agenda

- 4Q16 & 2016 Financial Reviews
- Growth Drivers
- Q&A

# 4Q16 & 2016 Financial Reviews

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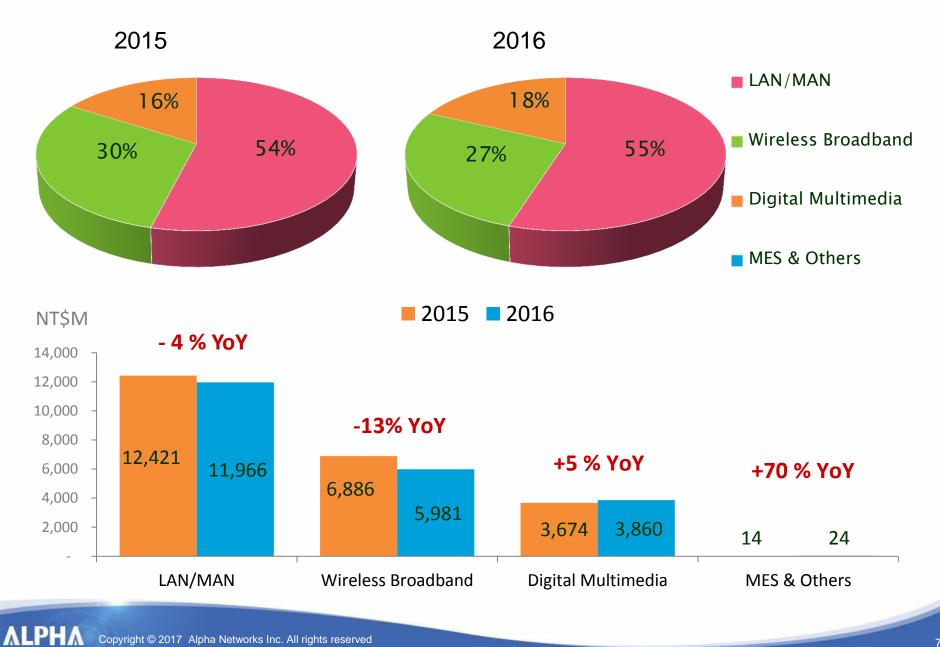
#### **Consolidated Statements of Comprehensive Income**

NT\$ Millions	4Q 2016		3Q 2016		QoQ	
	Amount	%	Amount	%	Amount	%
Net Revenue	5,136	100	5,075	100	61	1.2
Cost of Goods Sold	4,413	85.9	4,323	85.2	90	2.1
Gross Profit	723	14.1	752	14.8	(29)	(3.9)
Operating Expenses	593	11.5	603	11.9	(10)	(1.7)
Operating Income	130	2.5	150	3.0	(20)	(13.3)
Non-Op. Inc. (Loss)	51	1.0	(18)	(0.4)	69	383.3
Income Before Tax	180	3.5	132	2.6	48	36.4
Net Income	122	2.4	97	1.9	25	25.8
EPS (NT\$)	0.28		0.22			

#### **Consolidated Statements of Comprehensive Income**

NT\$ Millions	2016		2015		YoY	
	Amount	%	Amount	%	Amount	%
Net Revenue	21,831	100	22,995	100	(1,164)	(5.1)
Cost of Goods Sold	18,647	85.4	20,095	87.4	(1,448)	(7.2)
Gross Profit	3,183	14.6	2,900	12.6	283	9.8
Operating Expenses	2,534	11.6	2,801	12.2	(267)	(9.5)
Operating Income	649	3.0	98	0.4	551	562.2
Non-Op. Inc. (Loss)	155	0.7	(360)	(1.6)	515	143.1
Income (Loss) Before Tax	804	3.7	(261)	(1.1)	1,065	408.0
Net Income (Loss)	608	2.8	(340)	(1.5)	948	278.8
EPS (NT\$)	1.40		(0.74)			

#### **2016 Revenue Breakdown by Products & YoY Comparison**



### Consolidated Balance Sheets 2016/12/31 vs. 2015/12/31

NT\$ Millions	31-Dec-16		31-Dec-15		YoY
	Amount	%	Amount	%	%
Cash and Cash Equivalents	1,890	13.3	2,454	17.1	(23.0)
Accounts Receivable	3,649	25.6	3,904	27.3	(6.5)
Inventories	3,130	21.9	3,788	26.5	(17.4)
Other Current Assets	2,714	19.0	623	4.3	335.6
Non-current Assets	2,878	20.2	3,545	24.8	(18.8)
Total Assets	14,261	100.0	14,314	100.0	(0.4)
Current Liabilities	5,297	37.1	4,784	33.4	10.7
Non-current Liabilities	445	3.1	1,119	7.8	(60.2)
Total Liabilities	5,742	40.3	5,903	41.2	(2.7)
Shareholders' Equity	8,519	59.7	8,411	58.8	1.3
Key Indices:					
A/R Turnover Days	63		74		
Inventory Turnover Days	68		71		
A/P Turnover Days	69		65		

(Note) Other current assets includes deposits with original maturities of more than three months: NT\$2,353M and NT\$310M as of Dec. 31, 2016 and 2015.

# **Growth Drivers**

## Seeing the Light at the End of the Tunnel

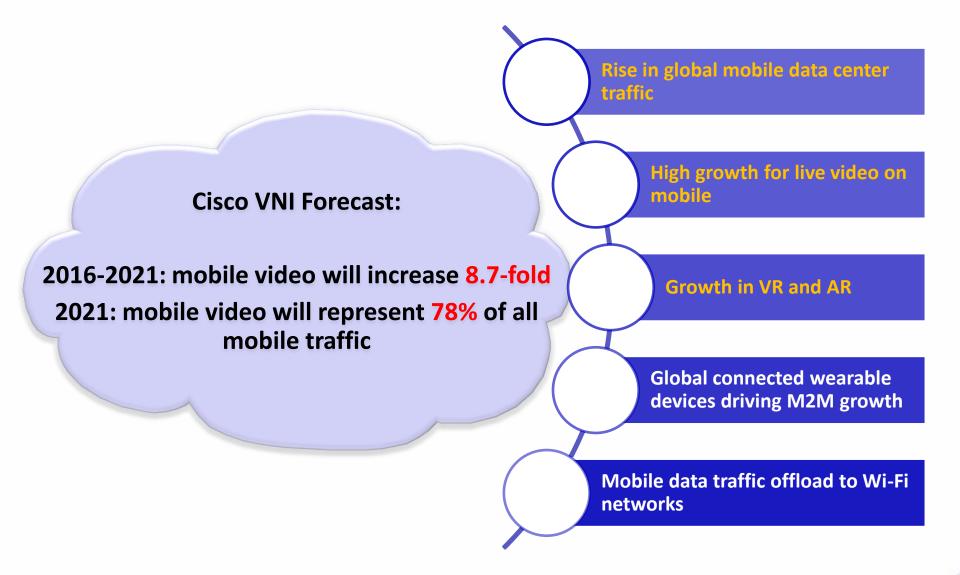
Year	1990	2000	2007	2010-2016	2017-2019	2020
Driver/Event	РС	Internet	3G Mobile Broadband	4G/LTE	??	5G Deployment
Quantity	100M	1 Billion subscribers	10 Billion phones & Devices		??	

- ICT Industry: Mainframe → Minicomputer → PC → internet → Mobile internet; historically growing 10 fold every 10 years
- 4G mobile networks were almost completely built in 2016 along with saturation of 4G mobile phones and longer replacement cycle.
- ICT industry is expecting IoT devices (high volume low price) and AR/VR (low volume high price) to stimulate the growth, however, it still takes time.
- 5G NR(New Radio) standard will be ratified in 2Q18 and be launched in 2020.

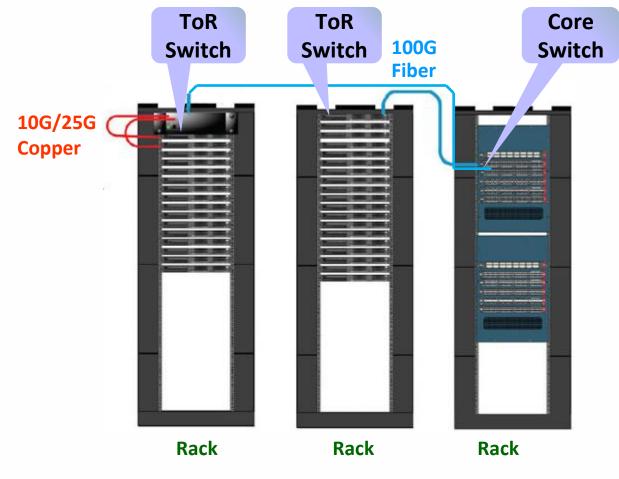
WW Device (in Million)	2016	2017	2018	2019
PC & Notebook	268	266	272	278
Tablet	168	165	166	166
Subtotal	436	432	438	444
Mobile Phone	1888	1893	1920	1937
Total	2,324	2,324	2,357	2,380



#### **Dawn: Video Streaming Booms Network Industry Growth**

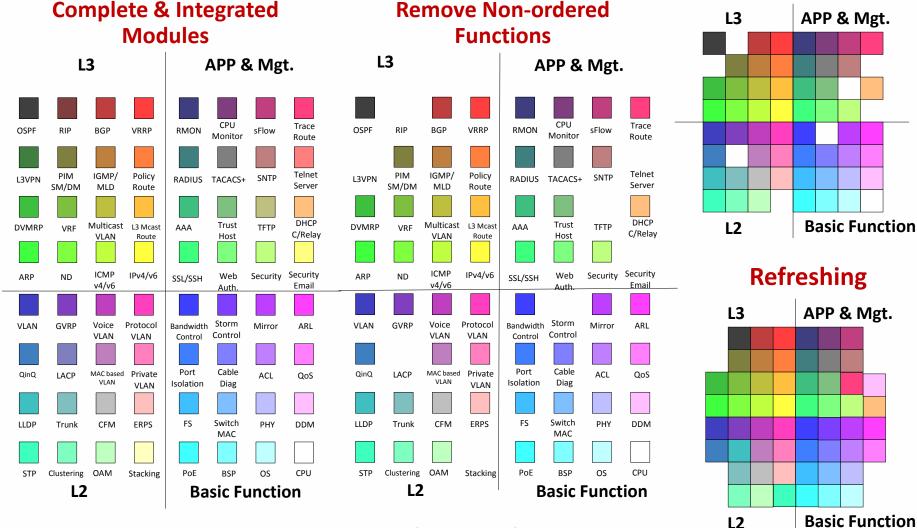


#### **Switch: Continue to Develop More High-End Market Segments**



- ToR Switch: <u>10G\*48 + 40G\*6</u> → <u>10G/25G\*48 + 100G\*6</u>
- Core Switch: <u>40G\*32</u> → <u>100G\*32</u> , <u>100G\*64</u>
- High-Density 100G Switch

### Subtraction: Advantage of Switch Software Platform

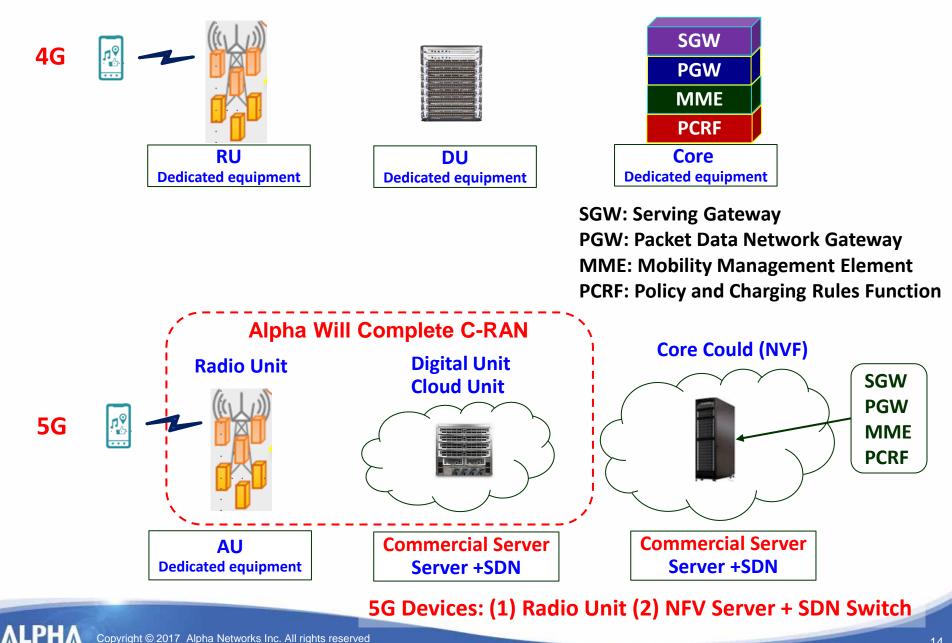


Highly integrated and modularized switch software platform:

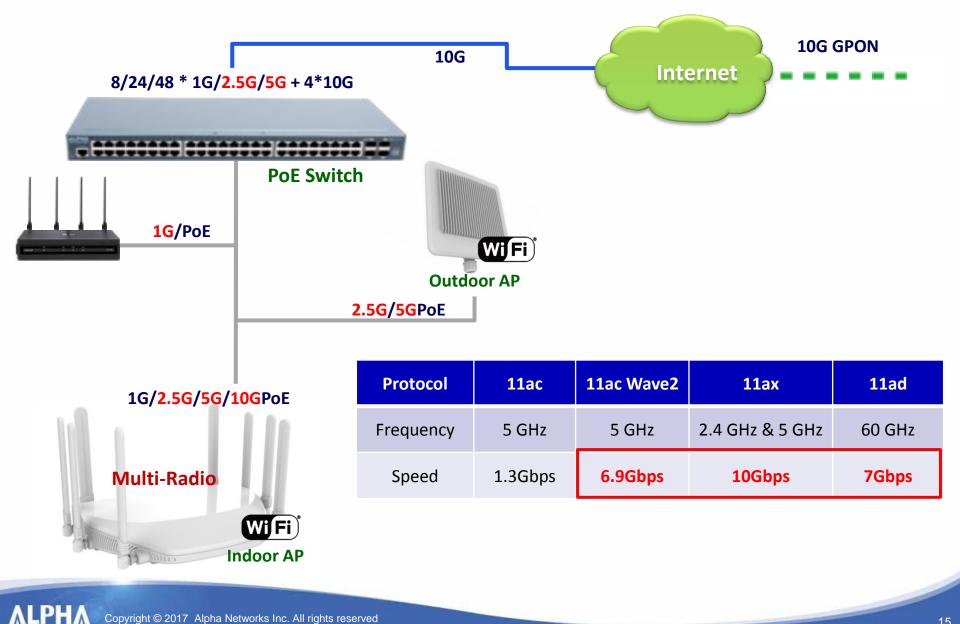
- To remove existing functions is much faster, more stable than to develop new modules.
  - Efficiency in customization (completing a switch software design within 3 months).

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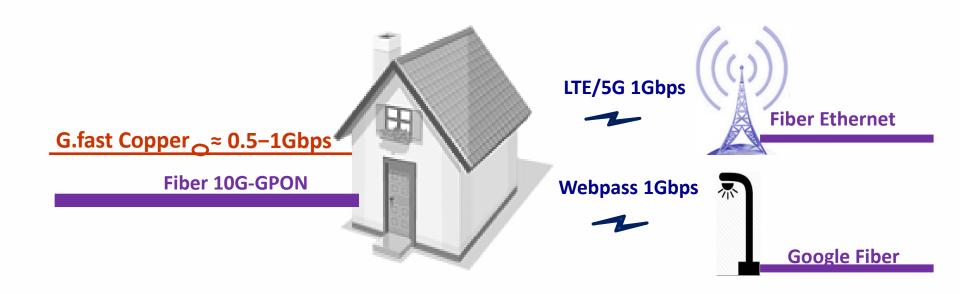
### 5G Enhanced Mobile Broadband = NFV + SDN



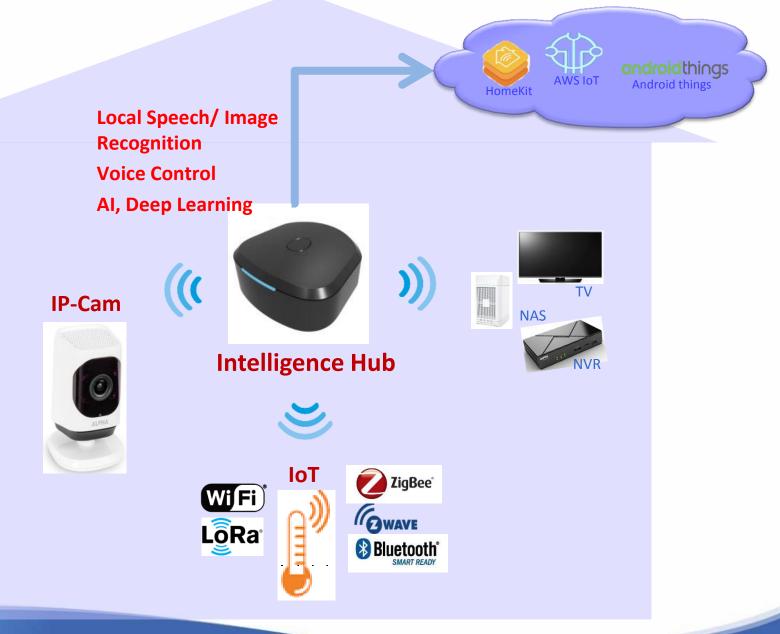
### Wireless Network: Exceeding the Threshold of 5Gbps



### Last Mile of Communications: Fiber, LTE/5G, Copper



#### **Intelligence Hub: New Generation of Smart Home Center**



#### **IP-Cam Provides Perfect User Experience in Recording & Playback**



Alpha Special Function: Super Adaptive Frame Rate (Super AFR) – most powerful function adapting to changes in the network environment

- 180-degree wide-angle lens & full HD 1920 x 1080 resolution (no more pan and tilt)
- IR LEDs to see in complete darkness
- Built-in microphone and speaker for two-way communication
- Key- word automatic speech recognition
- Motion detection feature automatically records, captures events and sends alerts
- Recording video clips and images into a microSD

# Smooth Streaming



#### **Fusion: Smart Radar Sensor Integrated with Camera**



#### **Microwave Radar Sensors:**

- 24GHz Collision Avoidance Radar (within 50m): Delivering
- 77GHz Collision Avoidance Radar (within 200m): Testing
- 24GHz Low-mobility Collision Avoidance Radar: Sample delivering



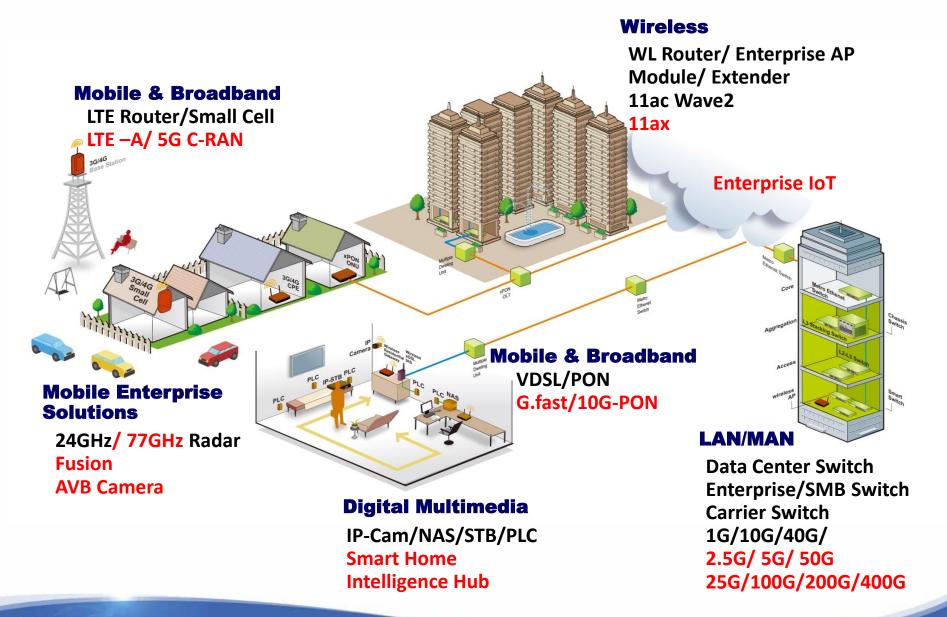
#### **Fusion - Developing**

- 24GHz/77GHz Forward Collision Warning (FCW): Automotive sensor fusion of integrated radar and camera
- AVB Camera: Bird view and collision avoidance

#### **Achievements: Alpha Networks' Outstanding Accomplishments**



#### **Alpha Networks' Complete Product Portfolio and Vision**



# Q&A

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Thank You.

#### www.alphanetworks.com