

The image features a blue sky with white clouds. A thick, wavy blue line curves across the top. In the center, the word "ASPEED" is written in a stylized font. The "A" is red with a blue outline, and the "SPEED" is blue with a white outline.

**ASPEED**

Q3, 2020

Lili Wu

## Safe Harbor Notice

- ASPEED's statements of its current expectations are forward-looking statements subject to significant risks and uncertainties and actual results may differ materially from those contained in the forward-looking statements.
- Except as required by law, we undertake no obligation to update any forward-looking statement, whether as a result of new information, future events, or otherwise.

## ASPEED in Brief



- Established in Nov. 15<sup>th</sup> , 2004
- Paid-In Capital: NTD 341M (USD 10.99M)
- Number of Employees: 94
- Location:
  - ASPEED Technology Inc.: Hsinchu City, Taiwan
  - ASPEED Technology (U.S.A) Inc.: San Jose, USA

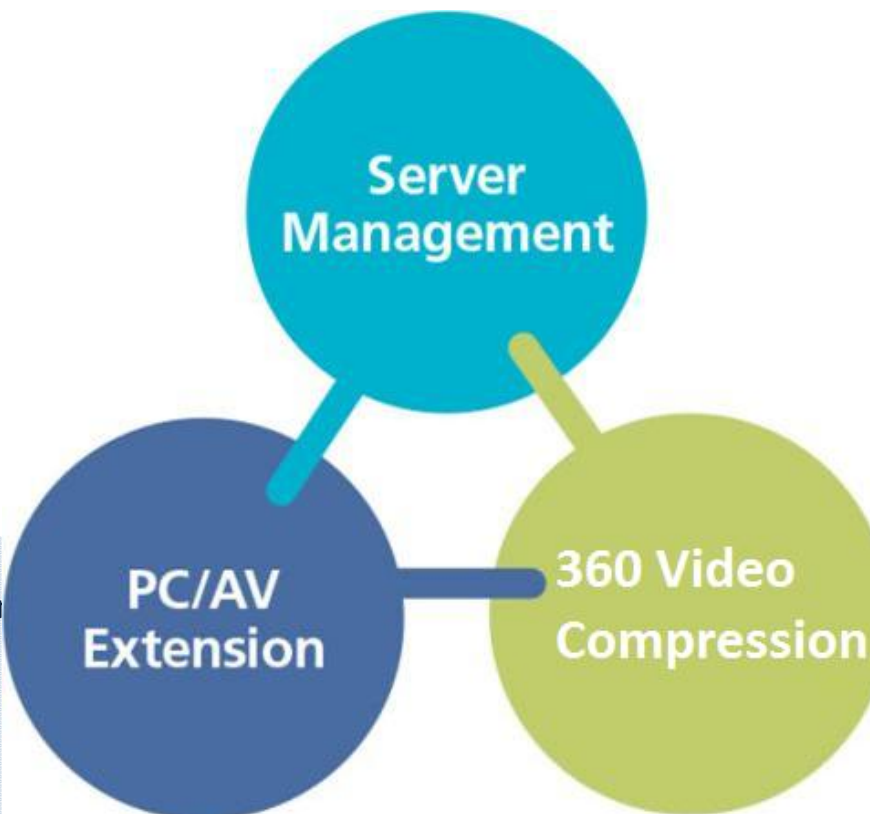


# Product Lineup



AST1010  
AST2200 / AST2150  
AST2300 / AST1300 / AST1050  
AST2400 / AST1400 / AST1250  
AST2500 / AST2510 / AST2520 / AST2530  
**AST2600/Pilot5**

28nm LP Process  
Dual Core 1GHz CPU  
DDR4 SDRAM  
Robust Security Architect  
and Features  
**A0: July/2019**  
**A1: Feb/2020**



AST1500 / AST1510  
AST1520 / AST1525  
**AST1620/AST1625**

130nm LP Process  
Support 4Kx2K Resolution  
<80 us latency  
1GHz CPU  
DDR4 SDRAM  
**ES: 2017/Q2**  
**PS: 2017/Q3**

**AST1220**

40nm LP Process  
1GHz CPU  
PLDDR3 SDRAM  
6-Cam Real Time Stitching  
H.264/265 4k2k Endoding  
PCIe Gen-II  
**ES: Aug. 2018**  
**PS: Nov. 2018**



# Product Portfolio



Server Management  
SoC Solutions



PC/AV Extension  
SoC Solutions



360 Spherical Image  
Processor SoC





## Remote Server Management

Remote Management for Beyond



# 7<sup>th</sup> GEN ASPEED AST2600

Baseboard Management Controller (BMC) chip

Samples **AVAILABLE NOW!** MP in 2020



Optimize Performance

High Computing Power

Low Power Consumption

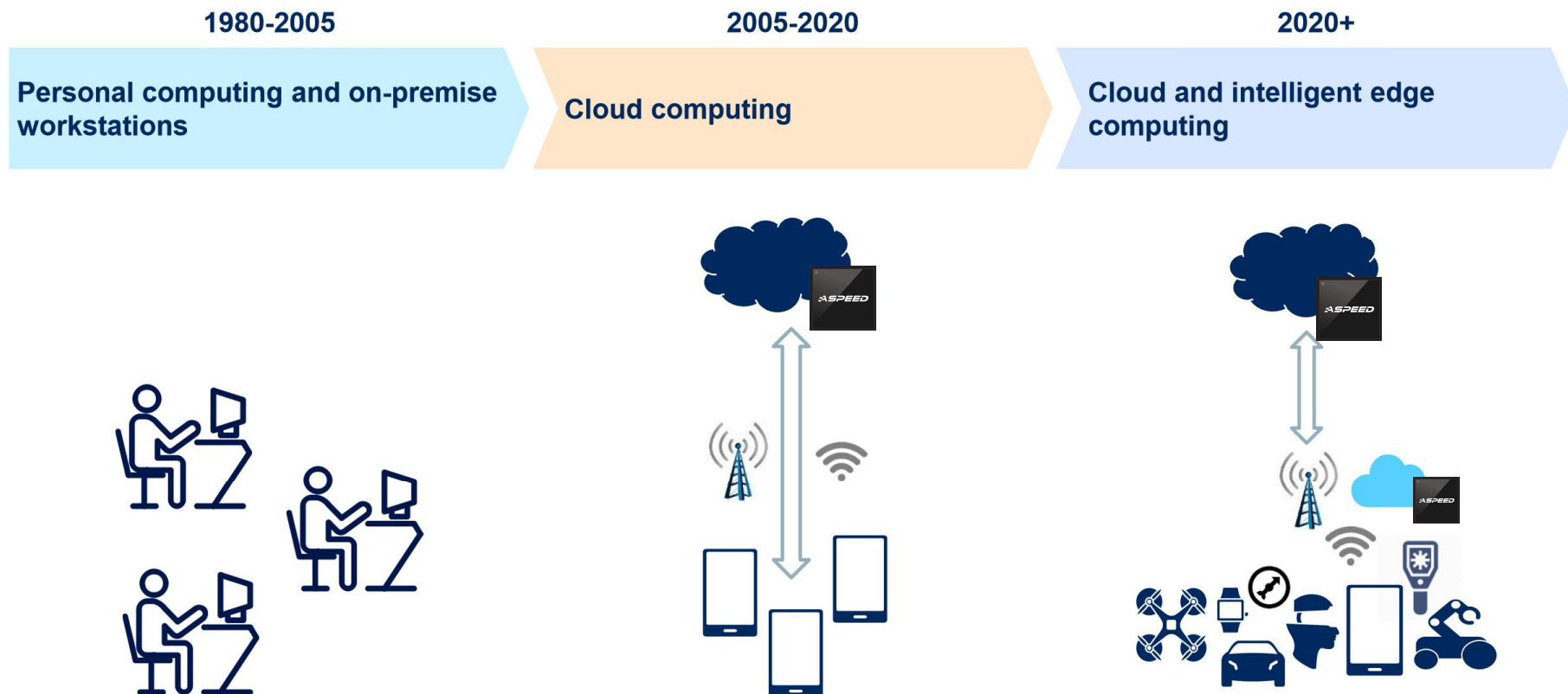
Enhanced System Security



# Server Trend- Mix of Cloud and Edge



Future will be mix of cloud and edge computing.





# Product Portfolio



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SoC Solutions



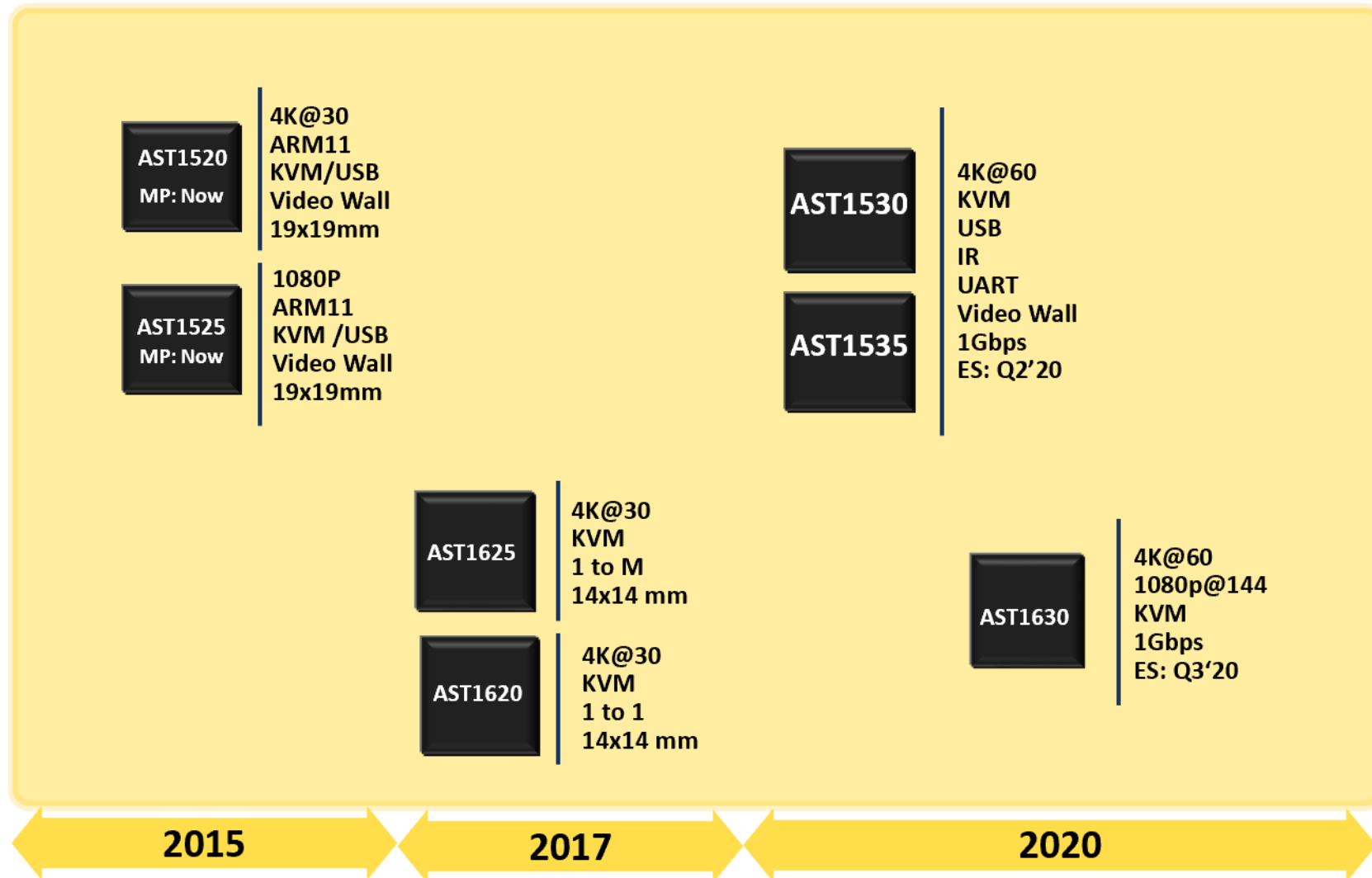
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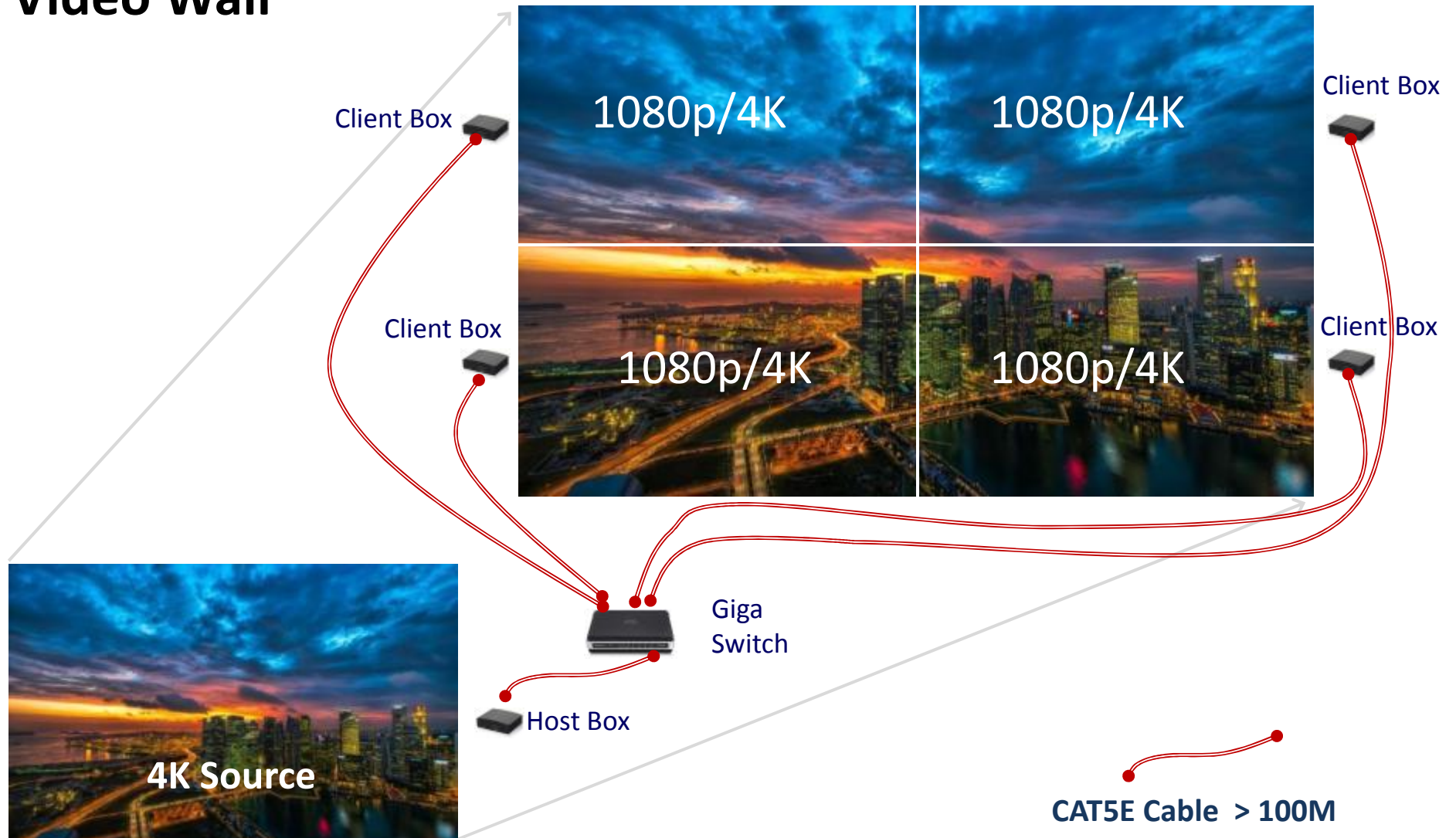
# A/V over IP Roadmap



# AST15xx Application System Topology



## Video Wall





# Product Portfolio



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## 4 Cam 360 for Conference



### Single fisheye lens

- Ineffective pixels in ROI



### 4 Wide-angle lenses

- Effective pixels in ROI



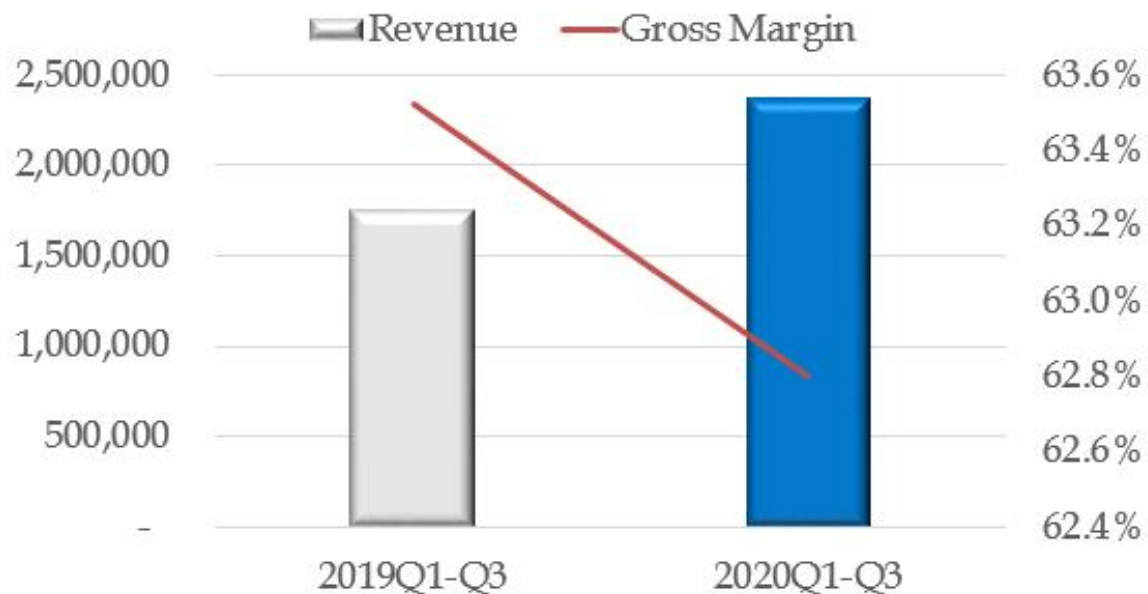
Platform	ASPEED AST1220
Field of View	360° (H) x 60° (V)
Video	1920x1080@30fps (16:9) 3840x640@30fps(6:1) 7200x1200@20fps(6:1)
Video format via UVC	MJPEG H.264/265(developing)
Audio	Microphone, Speaker (Two-way Audio)

- Ready for Integrate with external AI system to crop avatars of attendees.
  - Beamforming
  - Face detection/recognition
  - People Tracking

# Consolidated Revenue



Unit : NTD 1,000



Year	2019Q1-Q3	2020Q1-Q3	YOY
Revenue	1,761,337	2,366,229	34.3%
Gross Margin	63.5%	62.8%	(1.1%)

# Consolidated Revenue



Unit : NTD 1,000

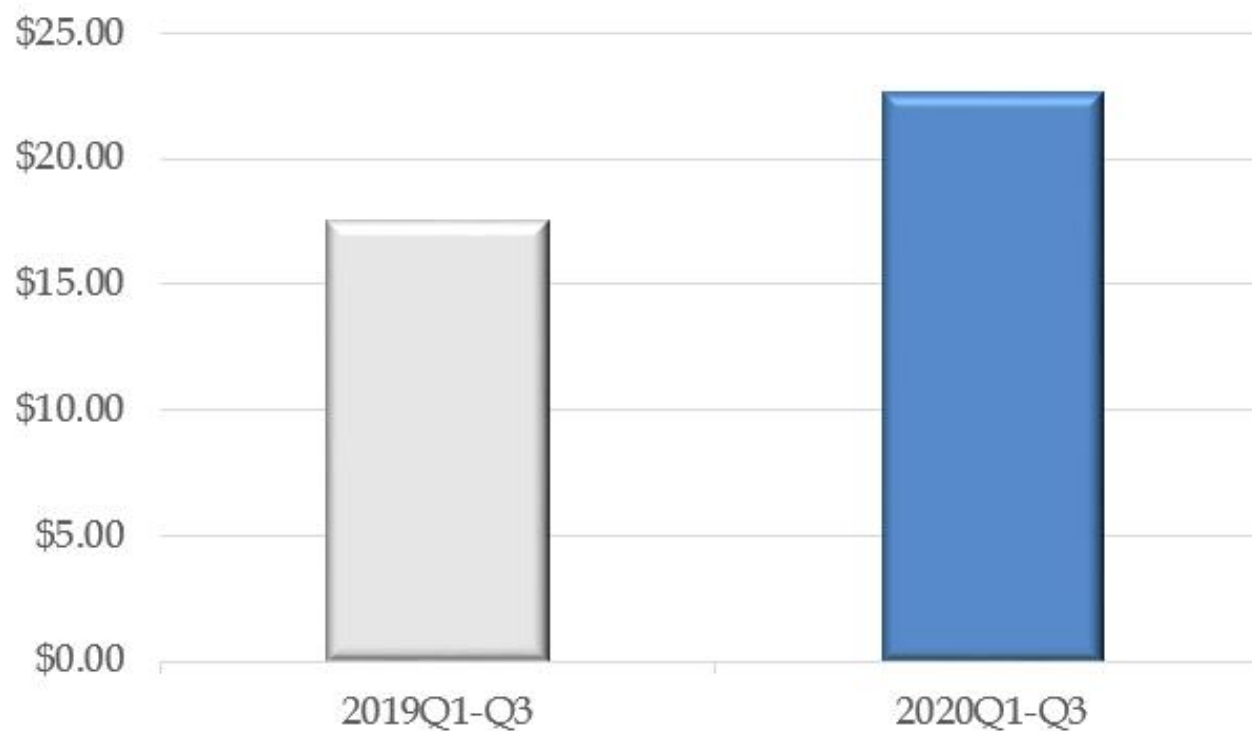


Quarterly	Q119	Q219	Q319	Q120	Q220	Q320	YOY	QOQ
Revenue	551,125	522,942	687,270	732,368	901,353	732,508	6.6%	(18.7%)
Gross Margin	63.6%	64.5%	62.7%	62.4%	62.4%	63.7%	1.6%	2.0%

# Consolidated Earning Per Share



Unit : NT\$



Year	2019Q1-Q3	2020Q1-Q3	YOY
EPS	\$ 17.57	\$ 22.64	28.9%



# Dividend Policy



	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Cash dividend (F)	2.29	3.00	4.00	5.00	5.50	7.00	8.00	12.00	15.00	18.00	22.00
Stock dividend (F)	2.00	1.42	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00
Dividend form capital reserves (F)	0.30	0.60	0.22	0.20	1.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total Dividend</b>	<b>4.59</b>	<b>5.02</b>	<b>4.22</b>	<b>5.20</b>	<b>6.50</b>	<b>9.00</b>	<b>8.00</b>	<b>12.00</b>	<b>15.00</b>	<b>18.00</b>	<b>22.00</b>
EPS	5.64	5.66	4.77	6.50	7.40	10.72	10.79	14.07	15.70	20.20	24.39

## Earning distributions:

- Employee bonus can not be less than 8%
- Directors bonus no higher than 3%
- With respect to the earnings available for distribution plus the previously cumulative undistributed retained earnings, the Board of Directors may present a proposal to distribute to the Shareholders by way of dividends at the annual general meeting for approval. Having considered the operational, financial and tax factors, including the Company being in the growing stage during the business life cycle and the future expansion projects, any remaining profits may be distributed in the form of cash dividends and/or shares, and the cash dividends shall be no less than 10% of such remaining profits to be distributed.



# Thank You