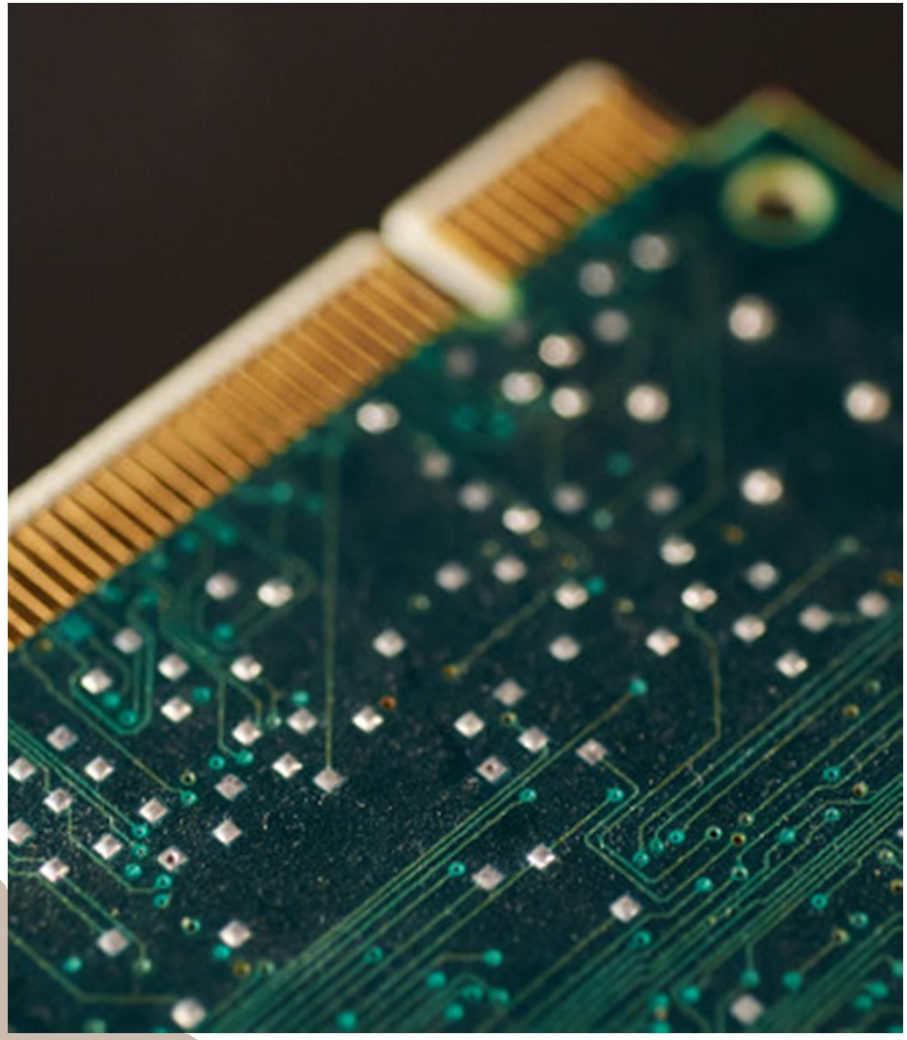
Stock Symbol: 3167

Ta Liang Technology Co., Ltd.

2022, Sep.

Disclaimer

- The predictive information mentioned in this presentation, including operational outlook, business situation, etc., is obtained by the Company through internal and external sources.
- The company's actual operational results that may occur in the future due to factors including but not limited to market competition and the conditions of international economy.
- The outlook for the future in this presentation is the Company's external views until now. For these views, if there are updates or adjustments in the future, the Company is not responsible for reminding or updating again at any time.



Company Profile

Company Overview

Stock Symbol	3167
Capital	NTD 801,341,160
Chairman	Laurie Wang
General manager	Jerry Chen
Headquarter	No.49, Yulien St. Bader Dis. Tauyoun
Factories	Bade、Nanjing、Lianshui

Milestone

1980
Ta Liang Industrial Co., Ltd. was established in Taoyuan, Taiwan.

2000
Company was renamed "Ta Liang Technology Co., Ltd." .

2001
Second plant was completed for PCB drilling machine.

2002
Stock pubic offering and PCB routing machine was developed.

2004
Resin panel cutting machine was developed.

2007
Nanjing Taliang Numeric Control Tech. Co., Ltd. was established.

2017
IC Packaging & Testing Machine were developed.

2018
Semiconductor products has entered for mass production stage.

2020
IA equipment was developed. Semiconductor business department was established and producing for key customers.

2021
Taiwan acquired a new factory and integrated.

1980~ | 1990~ | 2000~ | 2010~ | 2020~

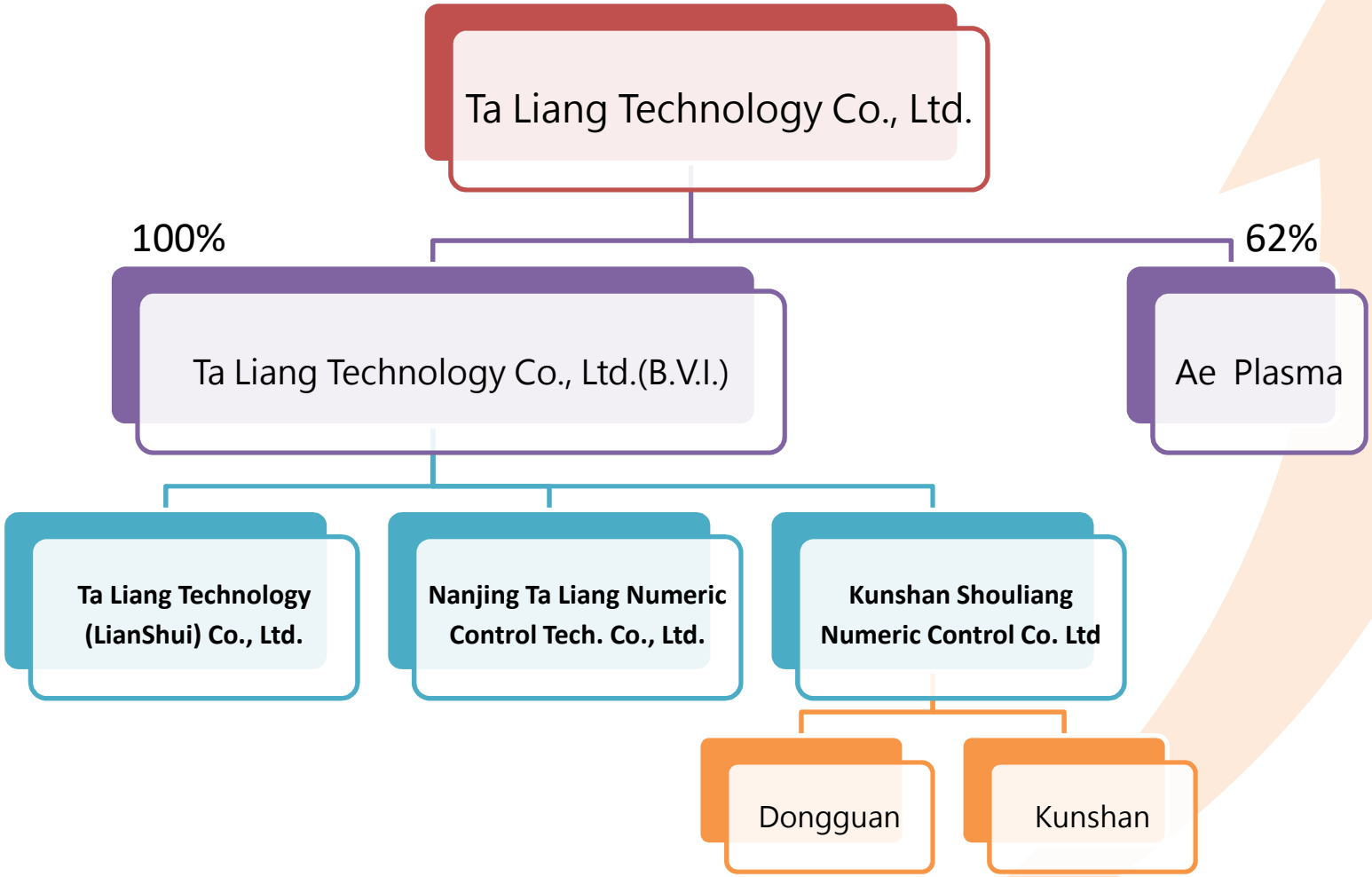
2011
New factory location was located in Yangmei, Taoyuan , for expanding Production capability.

2012
TLSK Technology Co., Ltd. was established as joint venture with SAKI, Japan.

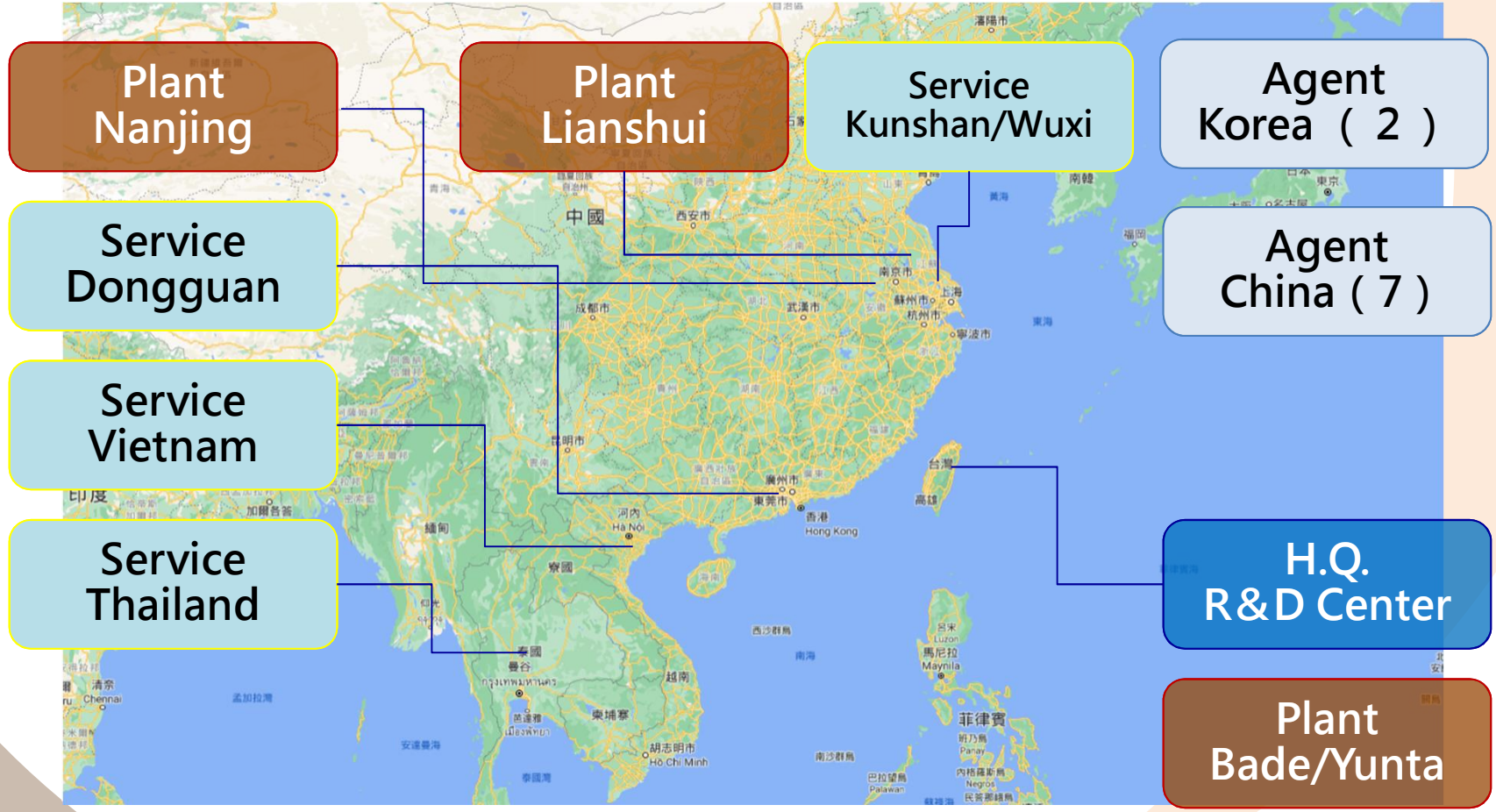
2013
Ta Liang Technology Co., Ltd. listed on TSEC.

2015
Taliang Tech. (Lianshui) Co., Ltd. was established.

Group Organization



Production & Service Base



Business Scope

- Standard & High end PCB Drilling Machine
- Standard & High end PCB Routing Machine
- Automation
- Others

PCB Industry

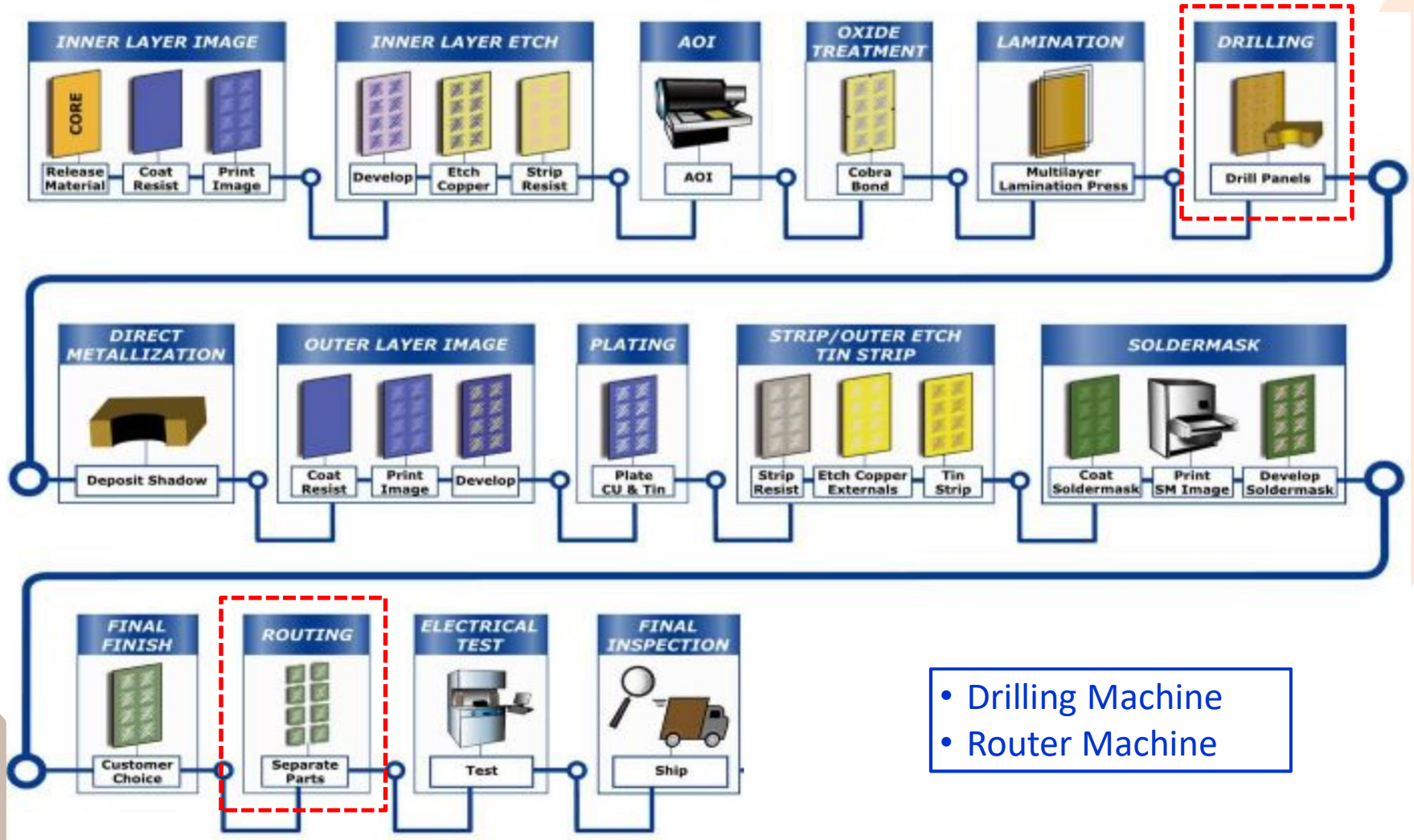
- Inspection Machine
  - Vision Series
  - Handler Series
- Metrology
  - CMP Pad metrology

Semi con. Industry

- R&D/purchasing/production/sales/service/management

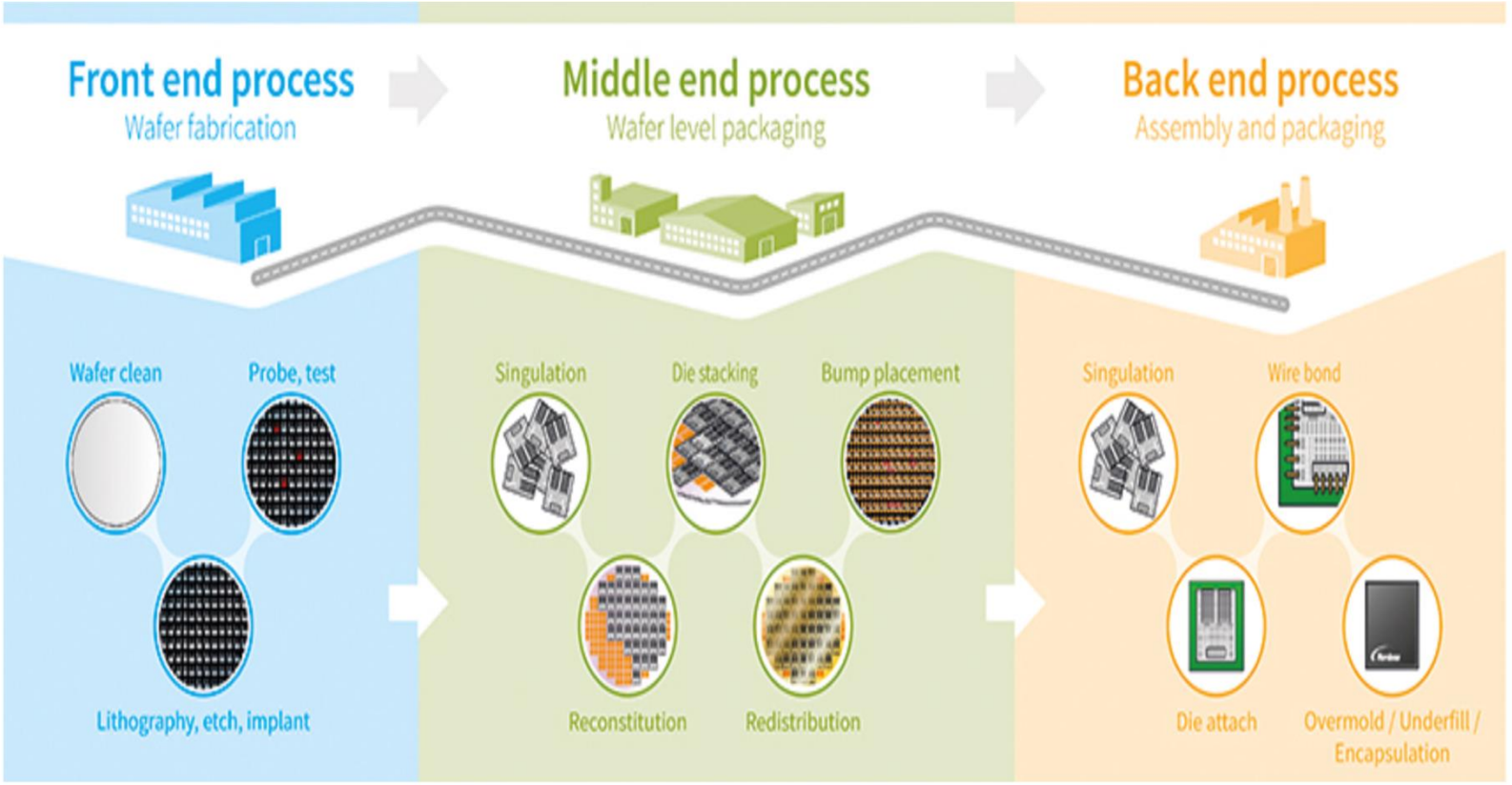
TL Technology Team

TL PCB Machines



- Drilling Machine
- Router Machine

TL Semiconductor Machines



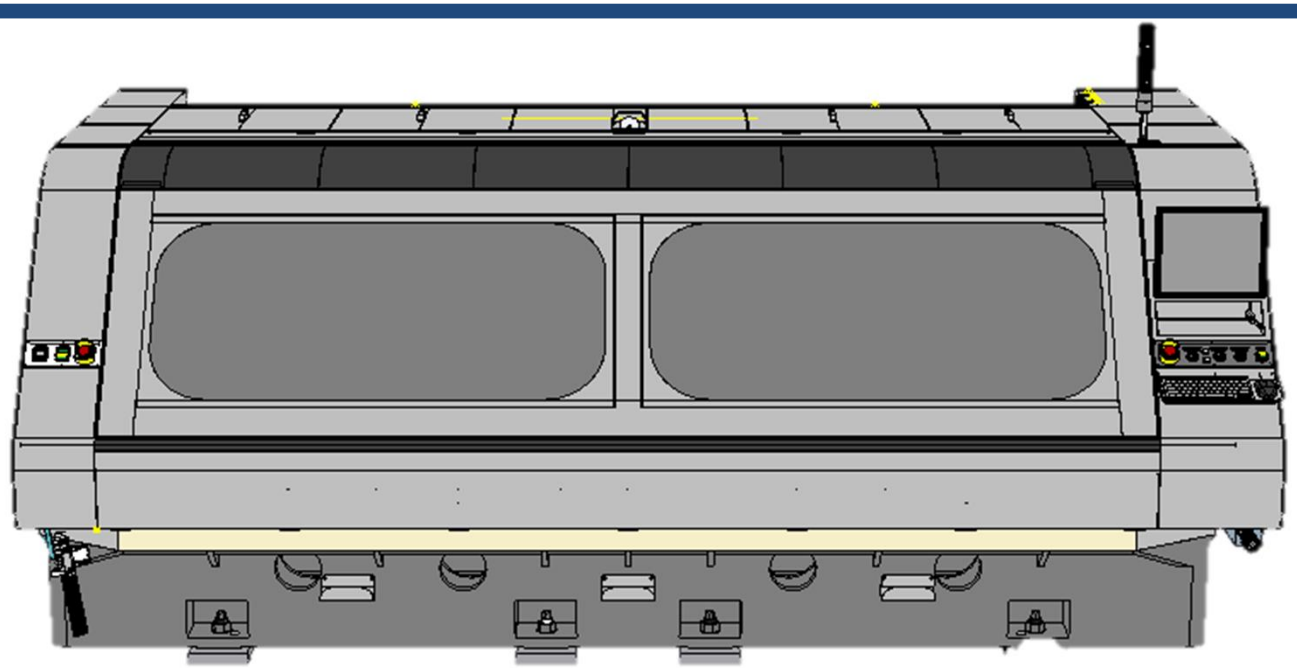
- CMP Pad Metrology

- Metrology Series
- Vision Series
- Handler Series

Important Events in 2022

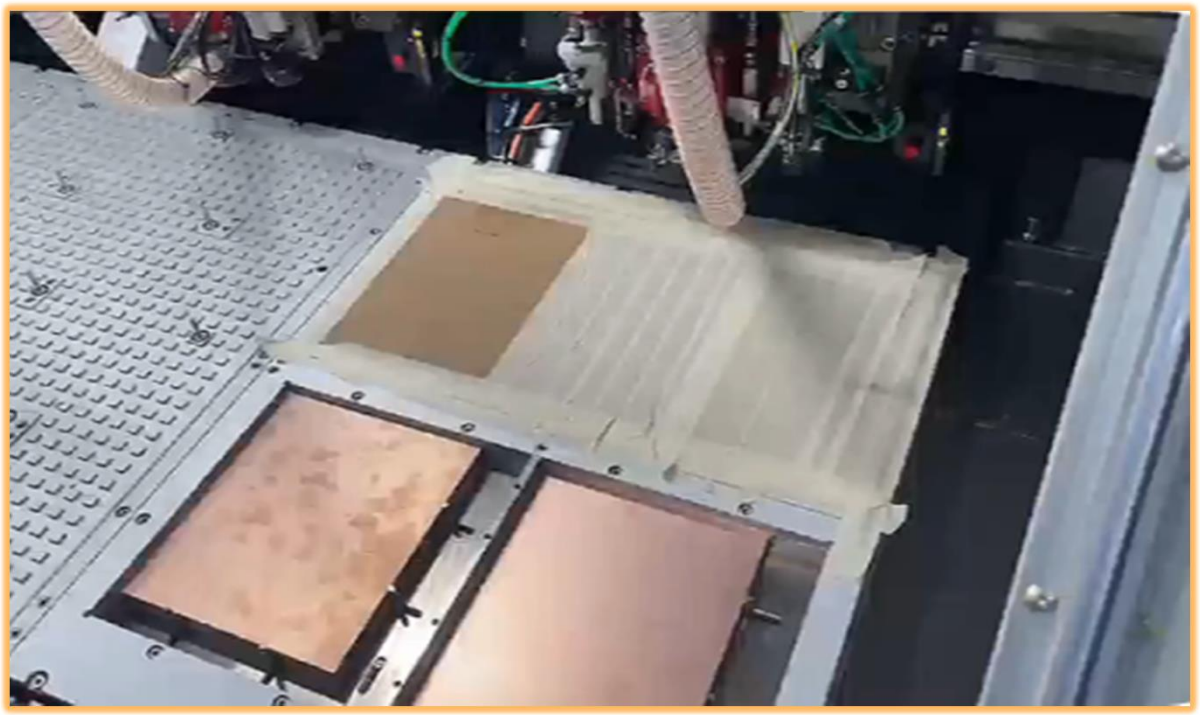
1. PCB BU has been developing high-margin machines.
    1) ABF process machine.
    2) High-end automatic router.
    3) Measuring the inner copper.
2. Semi BU.
    1) Marketing CMP Pad Metrology.
    2) Developing and marketing Vision and Handler machines.

ABF/BT process Machine



- High speed drilling.
- For ABF or BT process.
- For small hole drilling.

High-end Automatic Router Machine

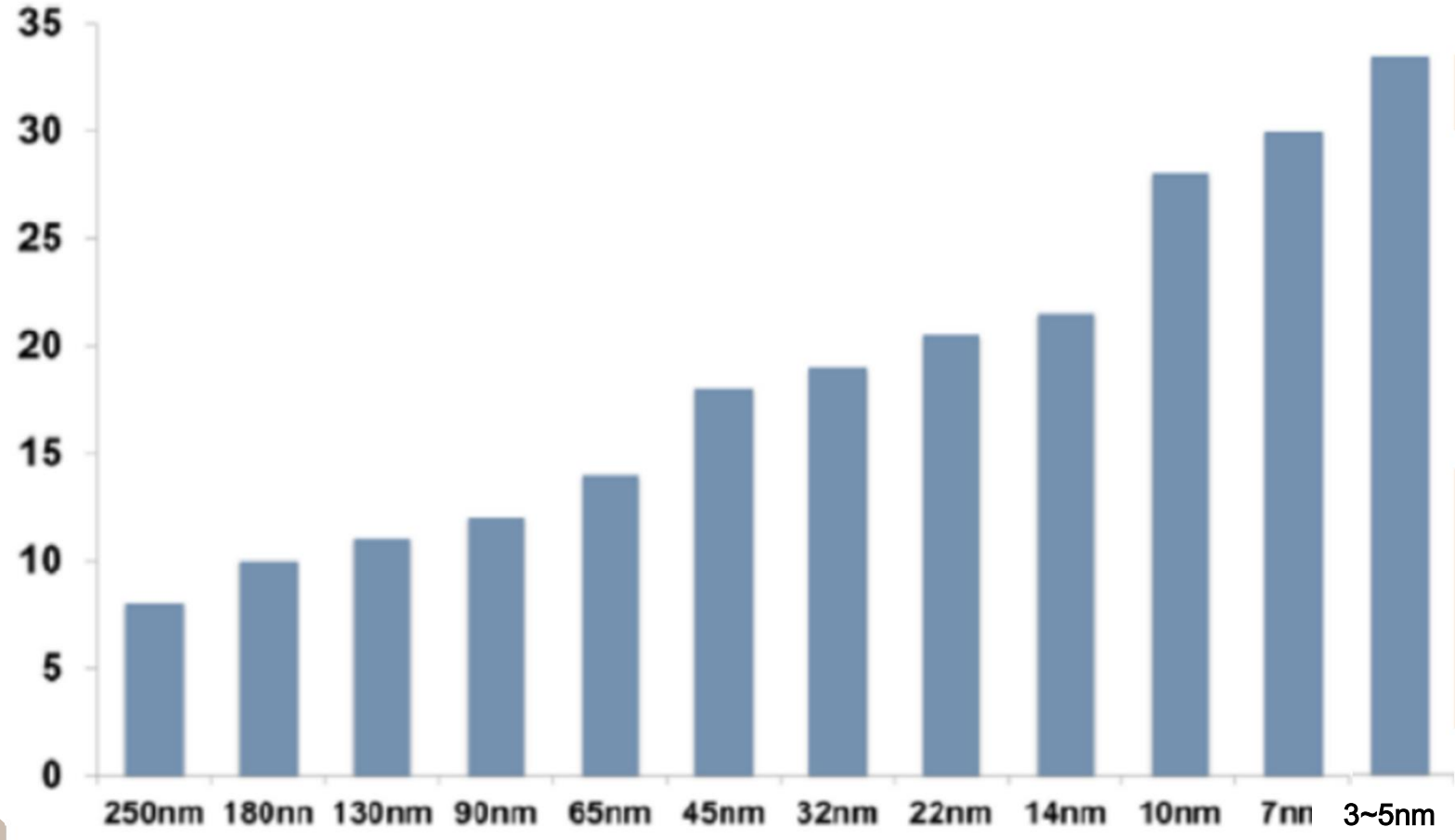


- It will be modular designed and can be flexible adjusted.
- Router efficiency will be doubled.

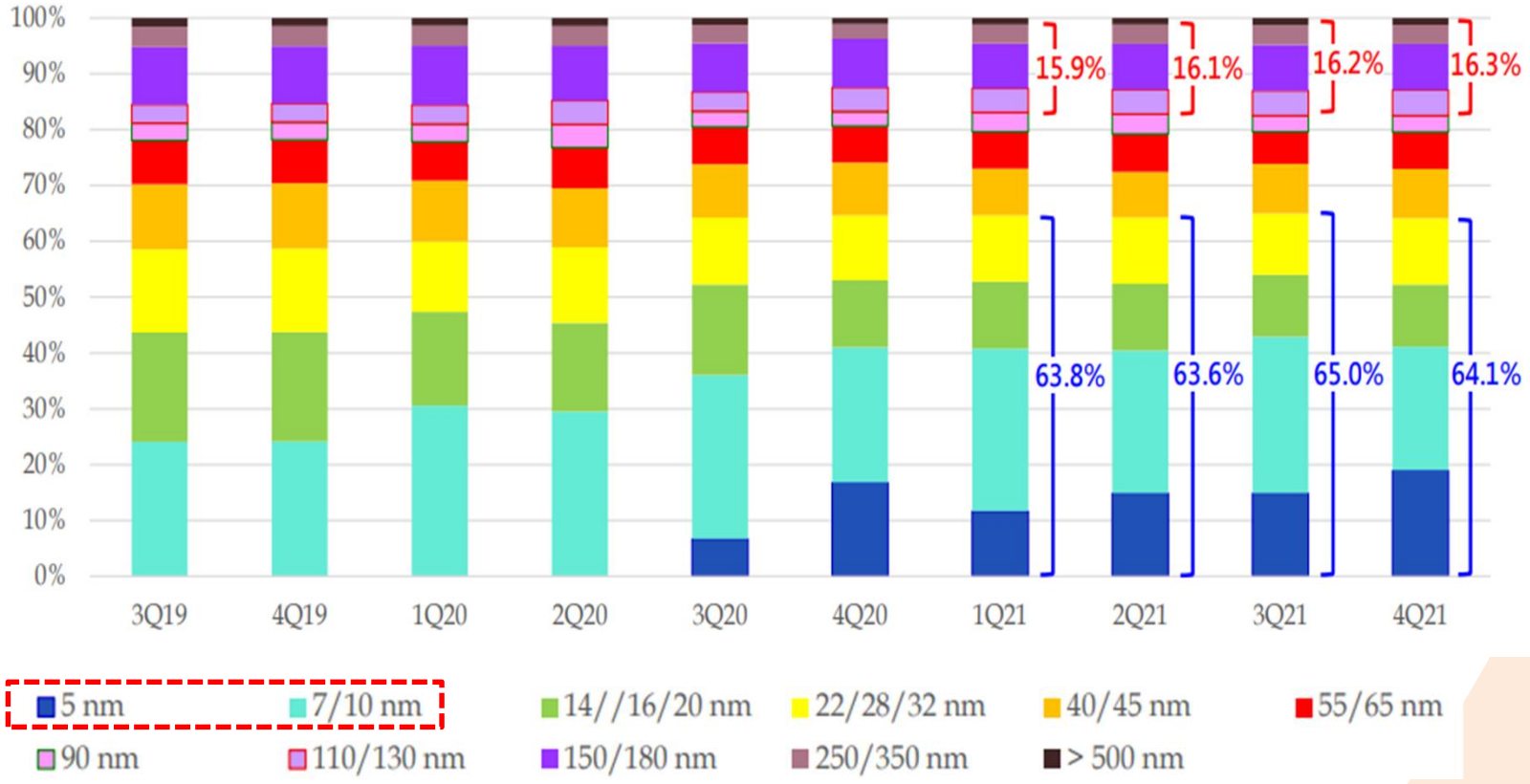
Measuring inner copper Machine

- It will assist the producing in servo boards, communication boards and automotive boards.
- It will enhance/upgrade the accuracy of high-end drilling machines.
- It will further expand the sales revenue and market share in high-end drilling machines.

CMP polishing process is increasing



Advanced process capacity in Semiconductor is growing



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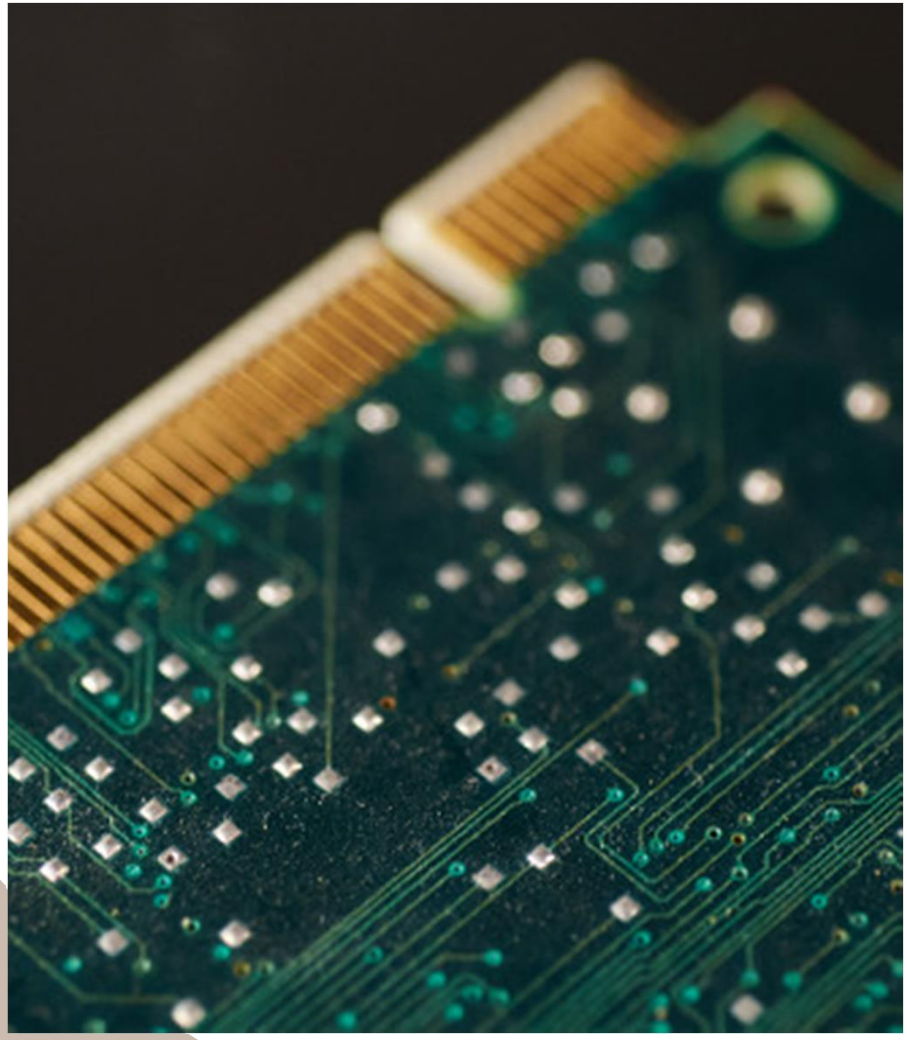


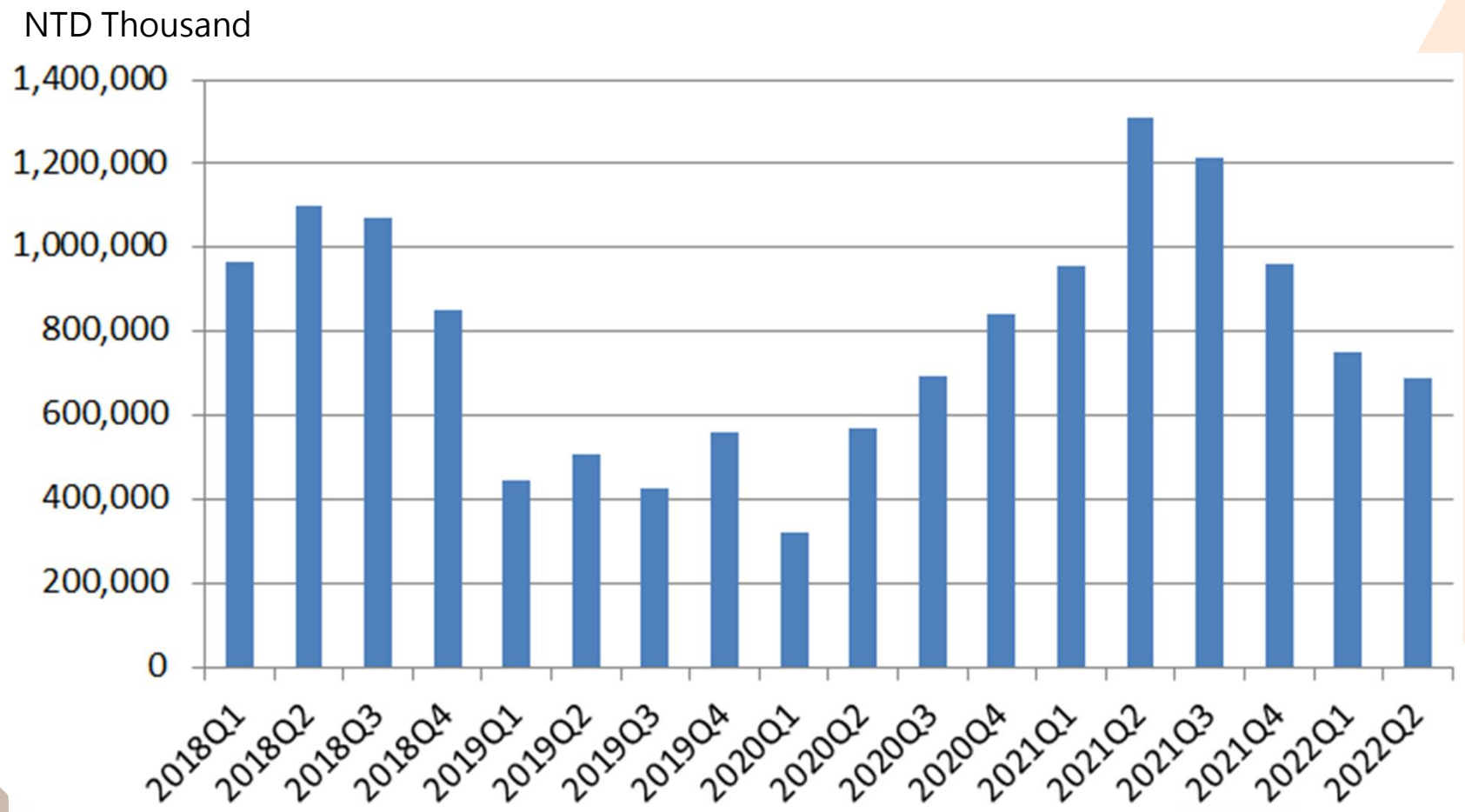
Operational Performance

Income Statement

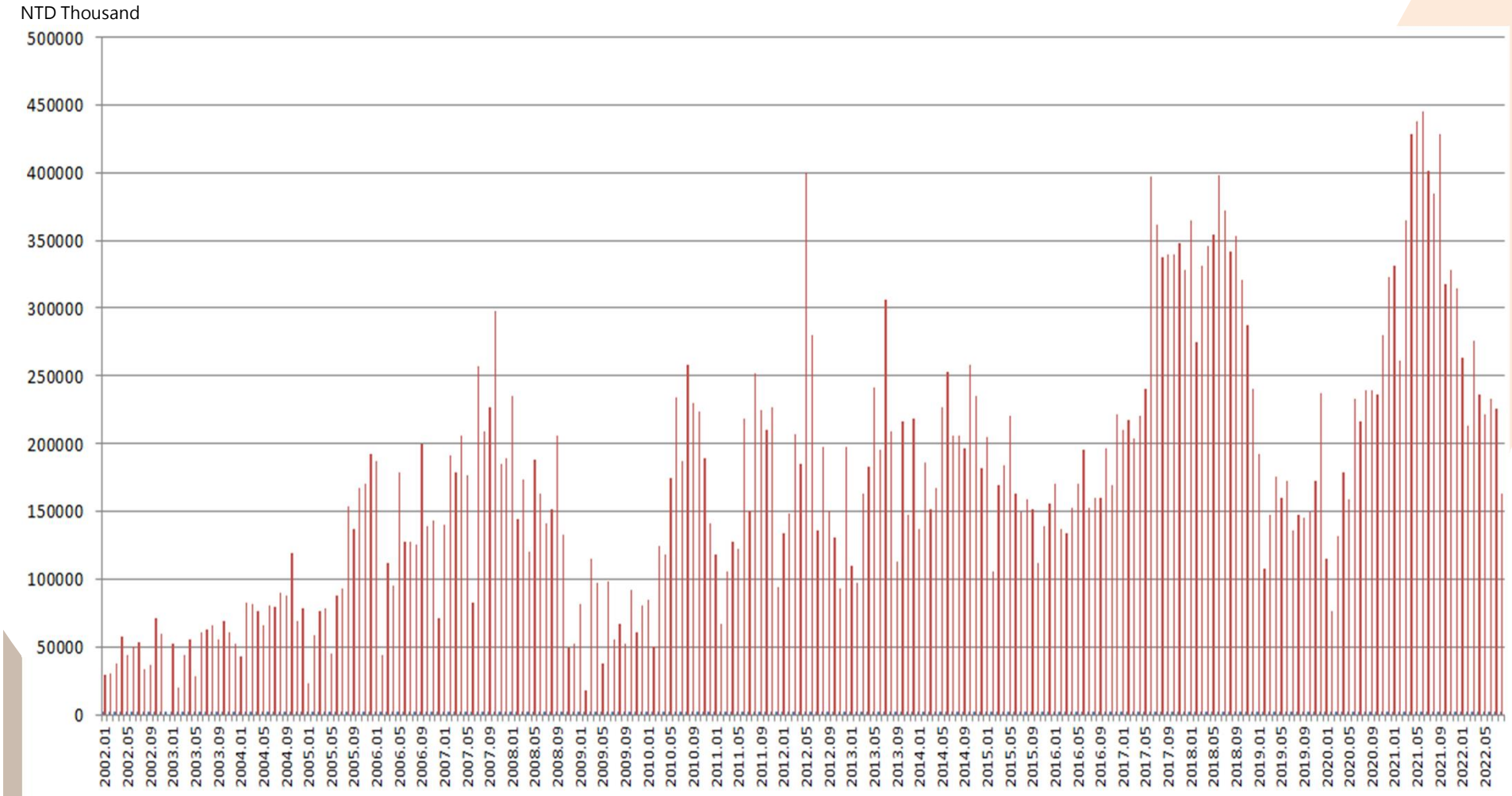
NTD Thousand

	2022Q2		2021Q2		2022H1		2021H1	
	Amount	%	Amount	%	Amount	%	Amount	%
OPERATING REVENUE	690,817	100.00	1,311,148	100.00	1,442,066	100.00	2,269,150	100.00
OPERATING COSTS	492,093	71.23	982,248	74.92	1,033,417	71.66	1,709,586	75.34
GROSS PROFIT	198,724	28.77	328,900	25.08	408,649	28.34	559,564	24.66
Selling and marketing expenses	45,433	6.58	55,802	4.26	89,945	6.24	106,709	4.70
General and administrative expenses	44,955	6.51	46,827	3.57	75,408	5.23	81,245	3.58
Research and development expenses	48,117	6.97	71,400	5.45	94,237	6.53	113,257	4.99
OPERATING EXPENSES	141,673	20.51	175,112	13.36	276,128	19.15	288,916	12.73
OPERATING PROFIT	57,051	8.26	153,788	11.73	132,521	9.19	270,648	11.93
NON-OPERATING INCOME AND EXPENSES	193,414	28.00	(8,378)	(0.64)	224,535	15.57	(3,252)	(0.14)
PROFIT BEFORE INCOME TAX	250,465	36.26	145,410	11.09	357,056	24.76	267,396	11.78
NET PROFIT FOR THE PERIOD	217,094	31.43	121,242	9.25	307,105	21.30	201,477	8.88
BASIC EARNINGS PER SHARE(NTD)	2.71		1.52		3.84		2.53	

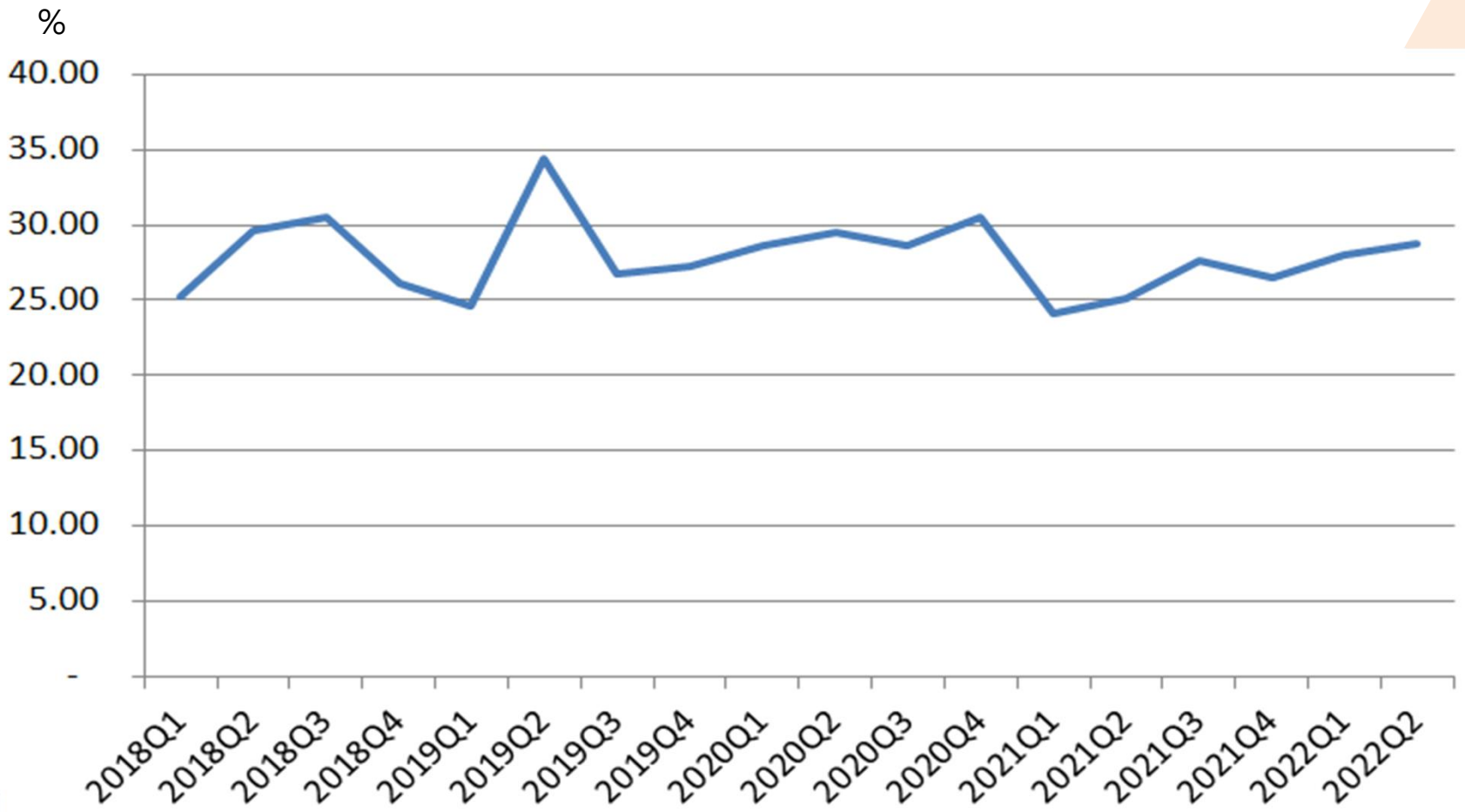
Quarterly Revenue



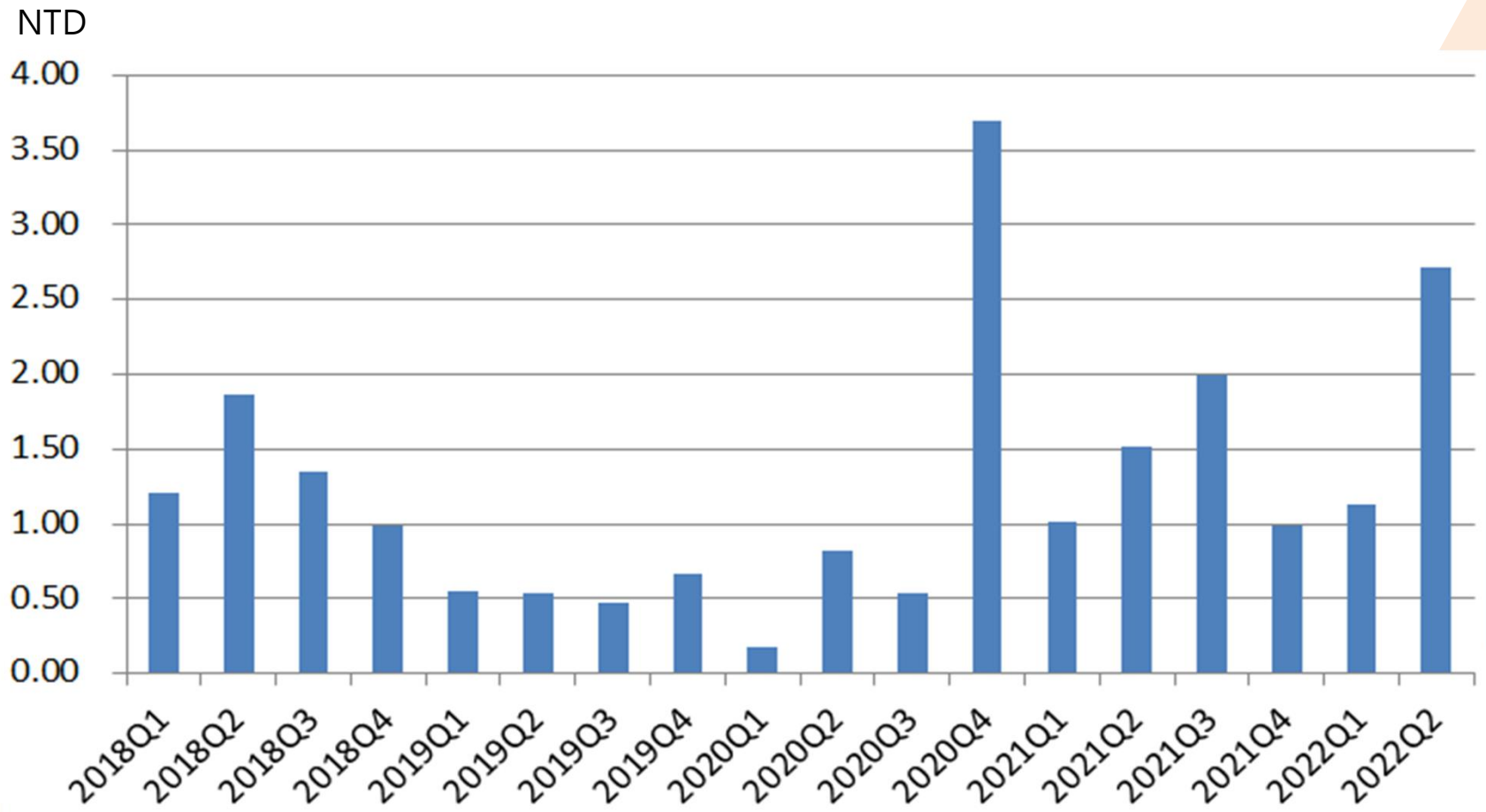
Monthly Revenue

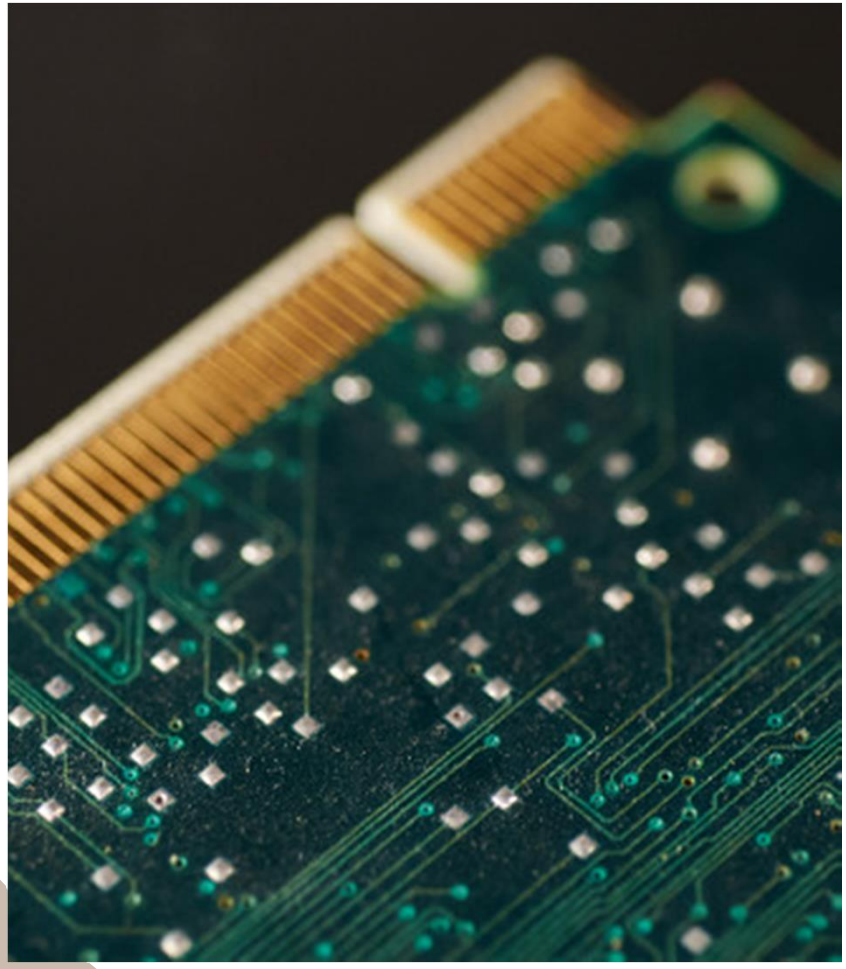


Gross Margin



Quarterly EPS





Appendix

Products in PCB industry

PCB
Drilling M/C

Standard type

CCD type

Depth Control

PCB
Routing M/C

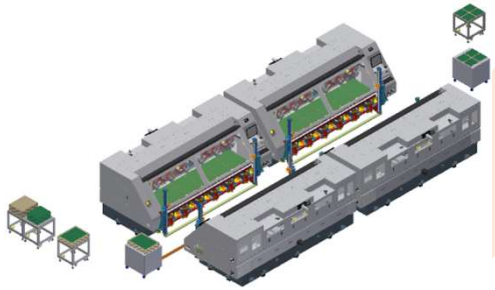
Standard type

CCD type

Depth Control

PCB
Automation

Adapted with 1 Spindle Drilling machine



Adapted with 6 Spindle Drilling machines

Advantages to meet New requirements

Method	Feasibility	Current Situation
Enhancing mechanical performance	Not Easy to reach	1. The precision requirements for PCB equipment are getting higher and higher. 2. The various functional advantages in the past are now the basic standard equipment in every manufacturer.
Upgrade Software	High Entry Barrier	1. New PCB designs have characteristics of high-density, multi-layer, high-frequency or high-speed, thus the requirements of accuracy are much higher in position, depth controlling and precision. 2. We(Ta Liang) improve the visual measurement , Cloud management and eliminate PCB expansion and contraction by software program (the position of X, Y axis, and the depth of Z axis). 3. TL has self-developed controller and abilities to develop the programs to meet customers' demands, unlike other competitors still using outsourcing software and programs.

Products in Semi con. industry

Handler Series

IC Chips-Test Handler

IC AVI Handler

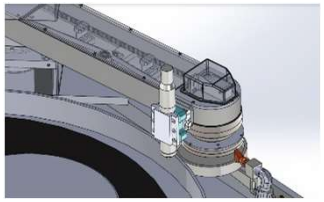
IC P&P Test Handler

Vision System Series

Wafer Type

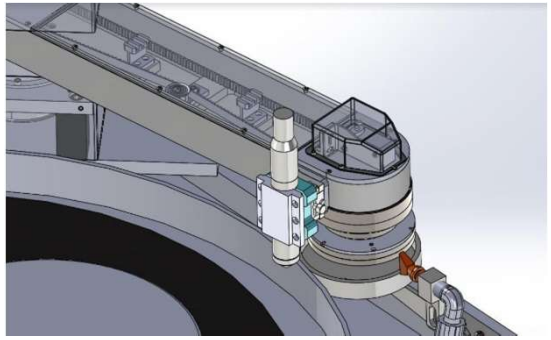
None Wafer Type

Metrology

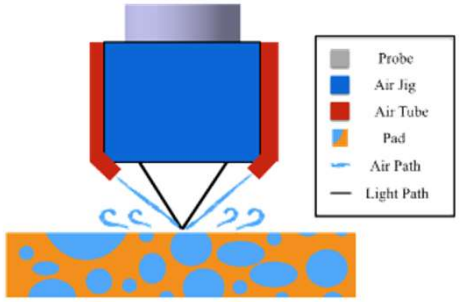


CMP Pad Metrology

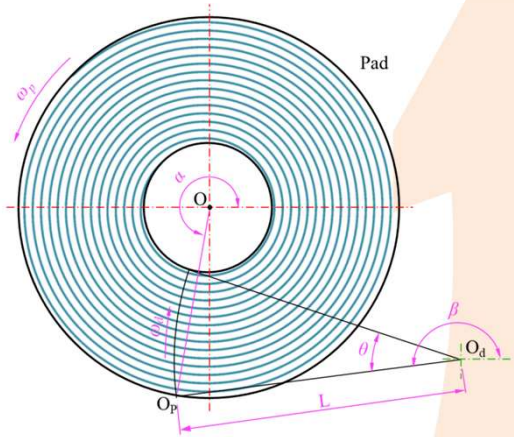
CMP PAD Metrology



CMP PAD Metrology

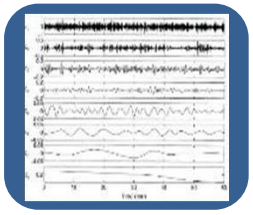


Water Layer Purge

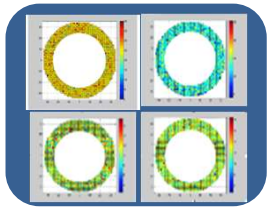


Trajectory Analysis and Reconstruction

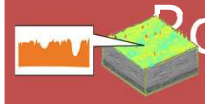
Data Collection



In-process
Data Monitor

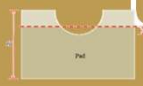


Topography
Analysis



Roughness

- Kn



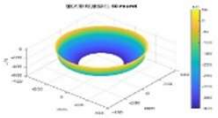
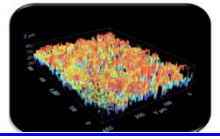
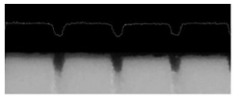
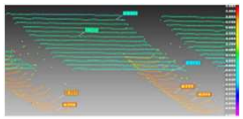
Uniformity

- Kn

Metrology Patent

CMP PAD Patent	Number/Application
Instant finishing method of CMP pad	I695754 (R.O.C.)
CMP pad Metrology method for chemical and mechanical equipment	Applying (R.O.C.)
Method for Repairing Polishing Pad in Real time	Applying (USA)
Detection Method and Detection Apparatus for Polishing Pad of Chemical Mechanical Polishing Device	Applying (USA)
Signal Analysis with AI module	Will Apply (R.O.C., USA)

CMP Pad Metrology Advantage

Items	Ta Liang	Sensofar	WaferMasters	NOVACAM
Source	Self-developed	Foreign	Foreign	Foreign
Type	In-situ /Standalone	Standalone	Standalone	Standalone
Request	Dynamic	Static	Static	Static
Mode	Extensive	Single Point	Single Point	Single Point
Diagram				

Items	Before	After
Roughness	Can’ t be Measured	Real-time Measured Monitoring
Morphology	Limited sampling Measured	Real-time Large Area Monitoring
Abrasion	Limited sampling Measured	Real-time Large Area or Zone Monitoring
Micro Structure height	Limited sampling Measured	Real-time Measured Monitoring

Customers(PCB M/C)

Customers(Semi con. M/C)

tsmc 台灣積體電路製造股份有限公司 Taiwan Semiconductor Manufacturing Company, Ltd.

ASE GROUP 日月光集團

SPIL 矽品精密

Powertech Technology Inc.

CHIPBOND 頎邦科技

KYEC

ChipMOS

LINGSEN

igiant

KL-TECH

SJsemi

JCET STATSChipPAC A JCET Company

Anst 华润安盛

泰科天润 Global Power Technology Co., Ltd.

Thank You!

Ta Liang Technology Co., Ltd.