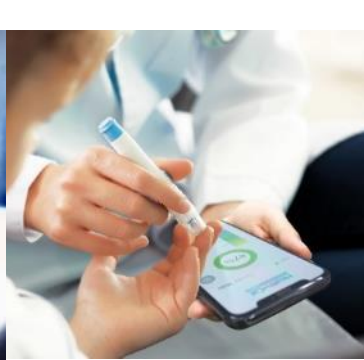
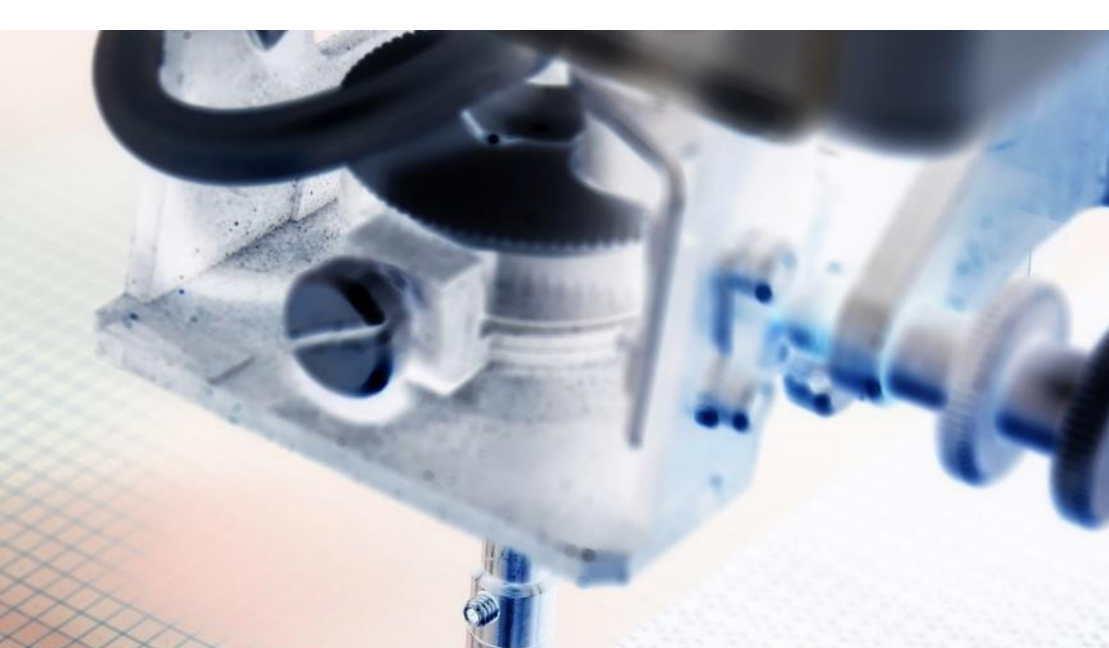




# Opportunity Day Presentation

## 2Q2024 PERFORMANCE

Investor Relations Department  
SICT, SILICON CRAFT TECHNOLOGY PLC



Silicon Craft Technology PLC (SIC) is a world-class foundry semiconductor manufacturer of linear and mixed-signal integrated circuits. SIC offers novel, custom, and standard design microchips for RFID applications and delivering products that carry high value-added features and superior overall systems performance.

Shape the world of Secured and Connected devices with Innovation & Intelligence

**WORLD'S LEADER AND PROVIDER OF INNOVATIVE RFID AND NFC IC SOLUTIONS**

## SIC at a Glance

**Listed on**

Market for Alternative Investment (mai) under the Stock Exchange of Thailand since 2020

**Share Symbol**

SICT

**Number of share**

479,999,884 shares

**Market Capitalization\***

Bt2,333mn

**Assets\*\***

Bt1,005mn

**ROA\*\***

14.4%

**ROE\*\***

20.0%

**Number of Employees\***

162 permanent employees



\* As of 13 May 2024 \*\* As at Jun 2024

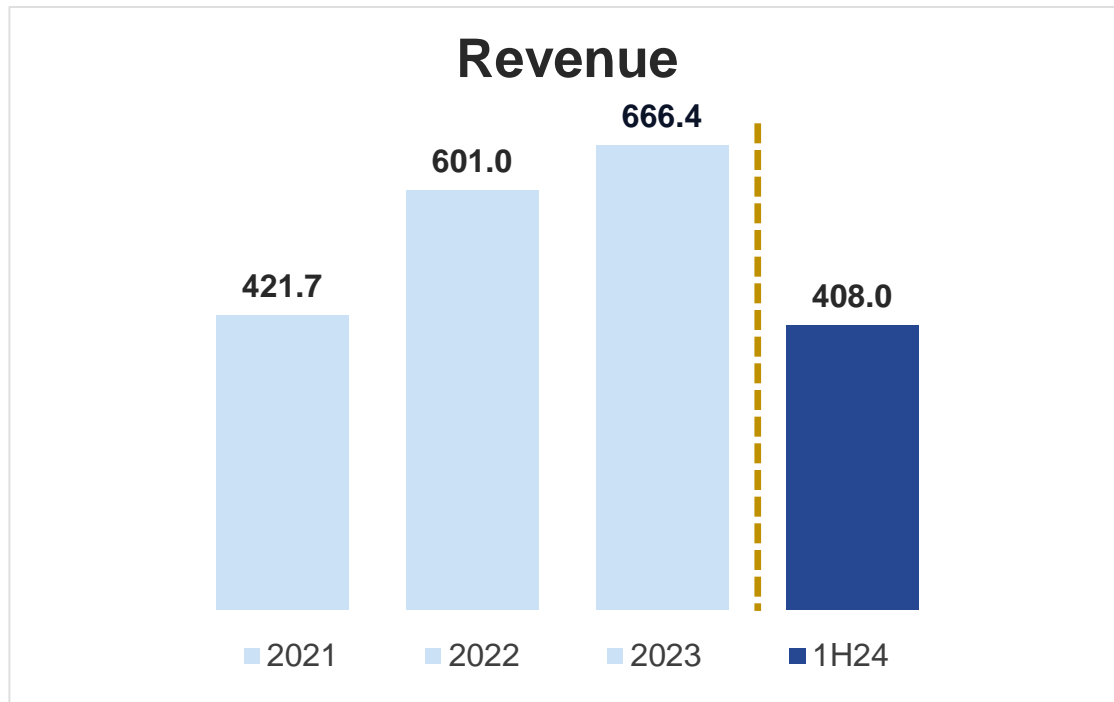


# 2Q24 Financial Performance

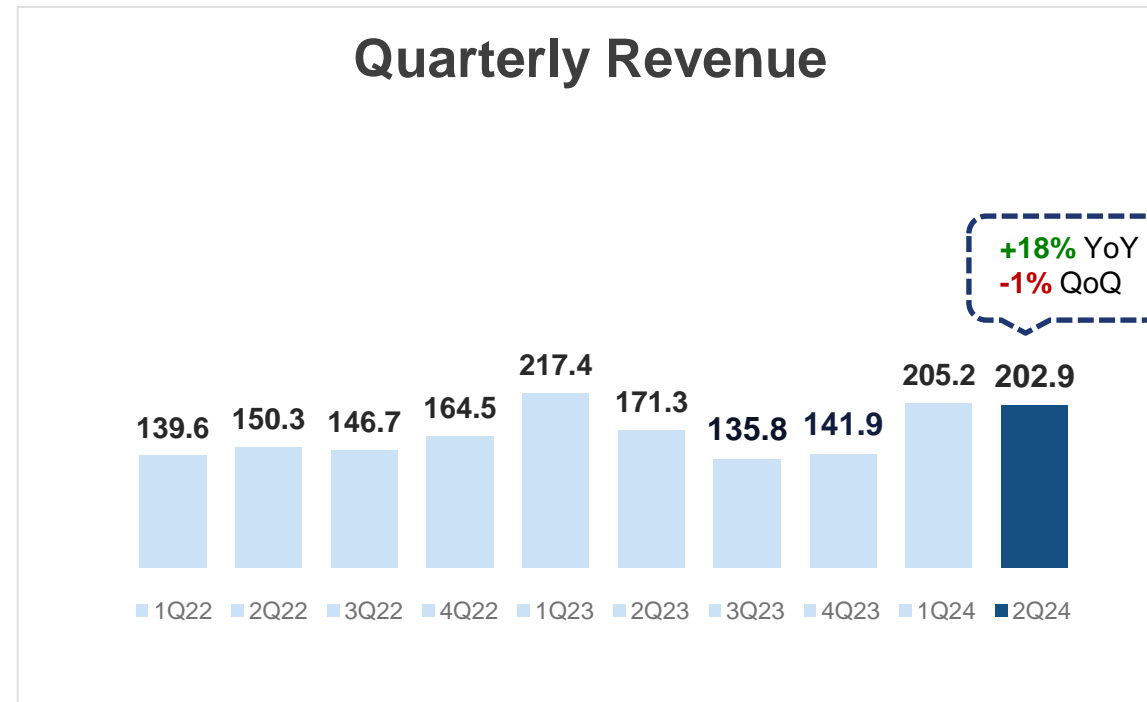


# Performance Highlight: 2Q24 Revenue posted a robust growth

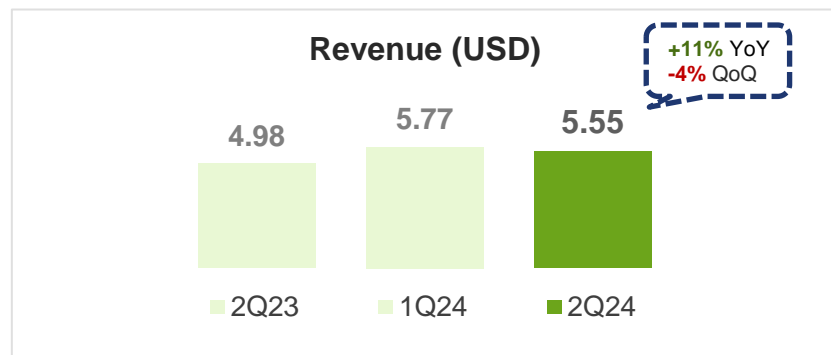
MN Baht



MN Baht



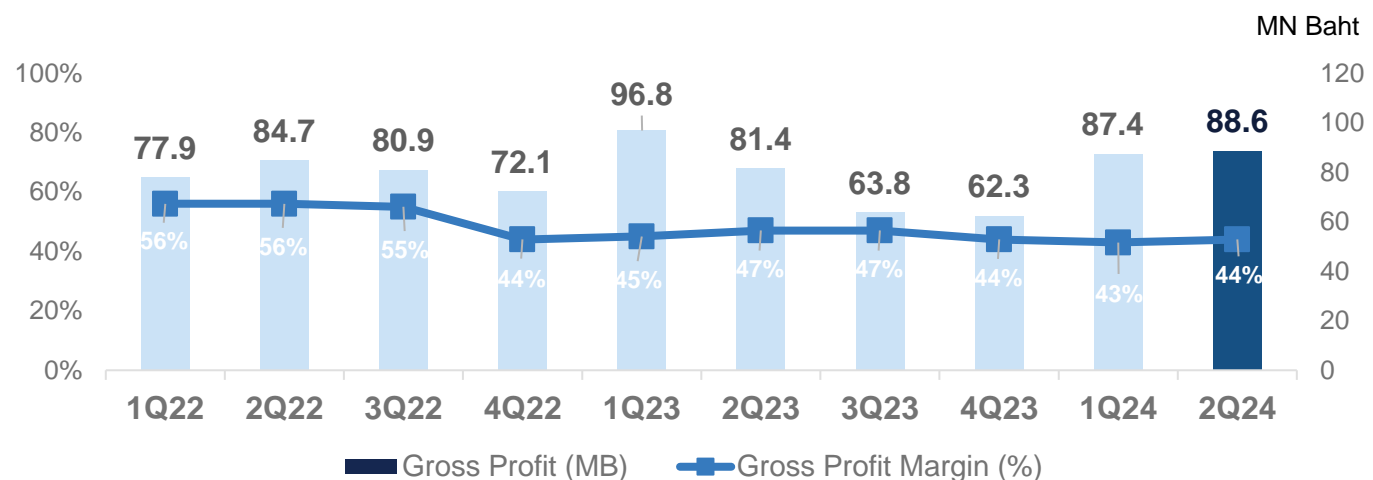
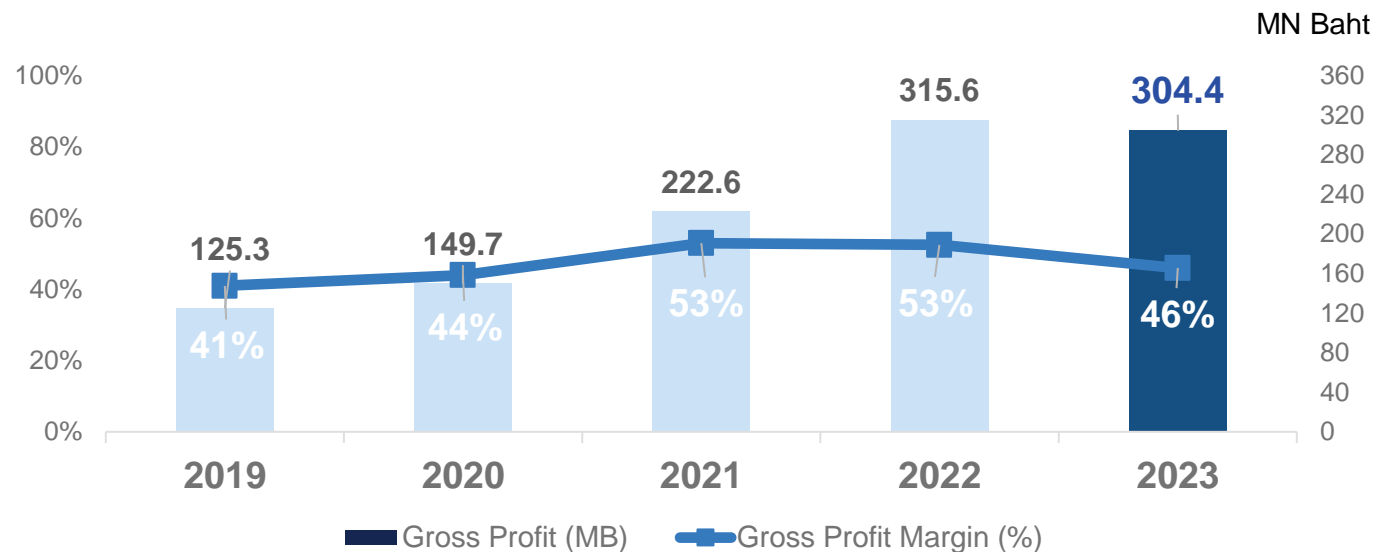
MN USD



**2Q24 Revenue** increased **18% YoY**, mainly supported by revenue from Animal ID and Industrial IoT, but slightly dropped **1% QoQ**, due to high base

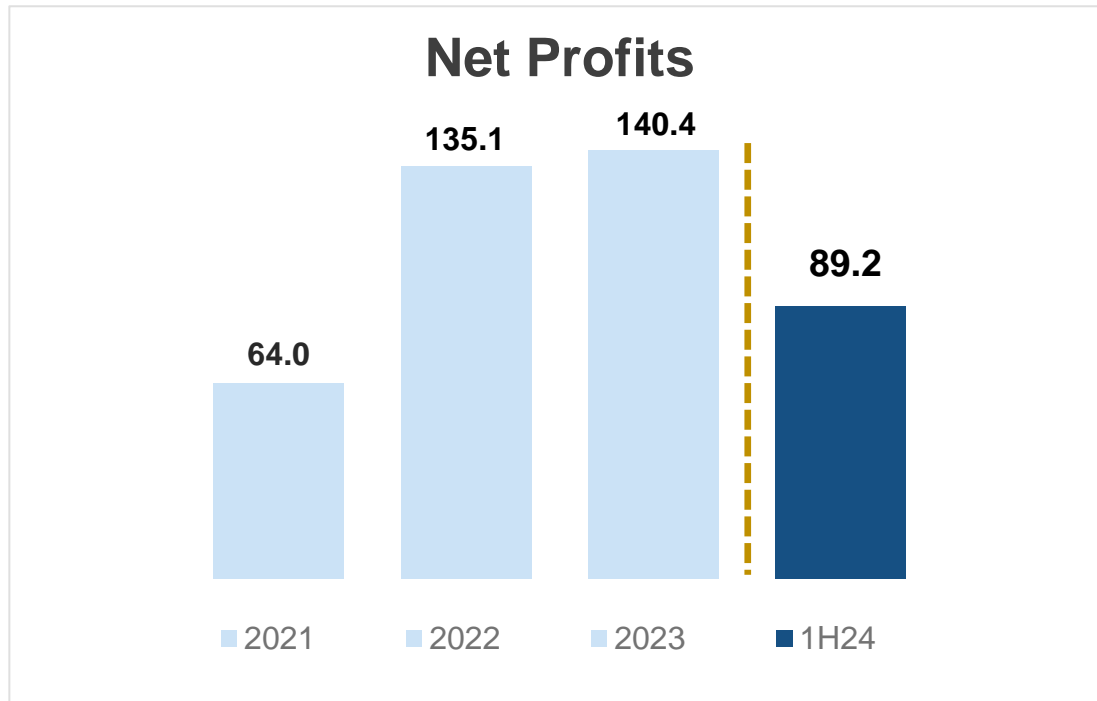
## Performance Highlight: 2Q24 GPM maintained in a target range

2Q24 Gross Profit Margin (GPM) was **44%**, maintained in a target range, slightly improved QoQ, but dropped YoY from product mix.

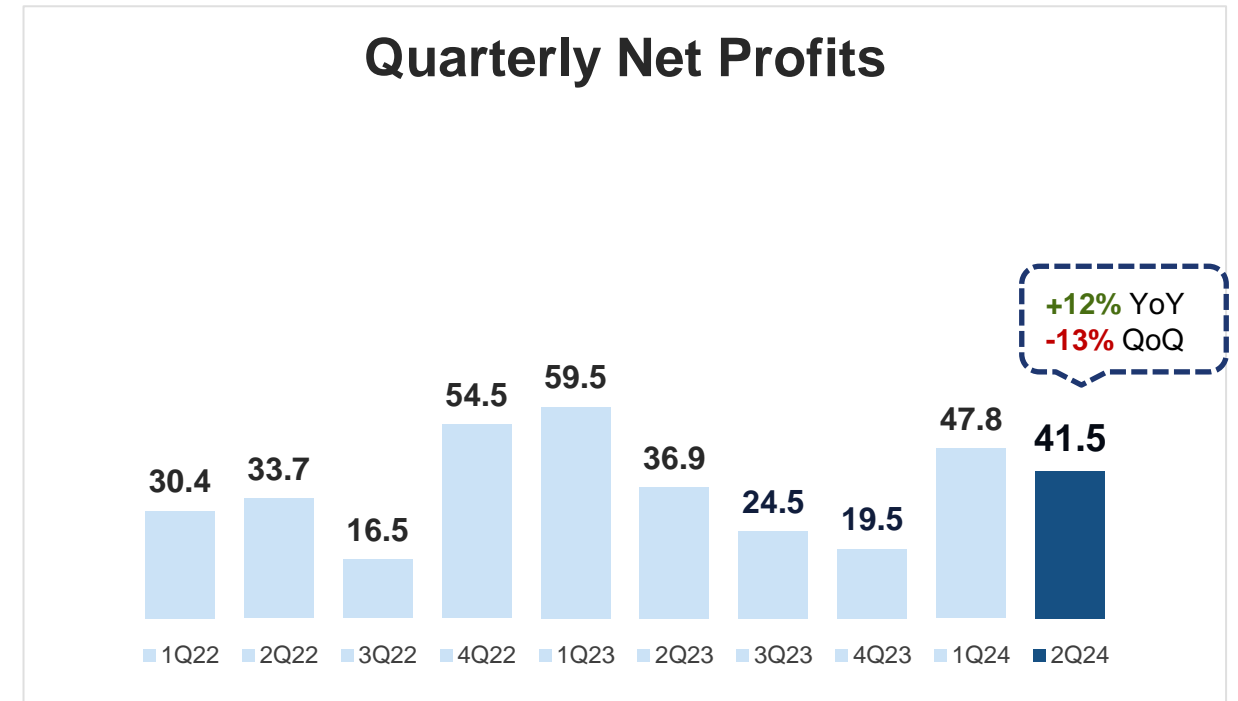


# Performance Highlight: Strong 2Q24 Net Profit

MN Baht



MN Baht



**2Q24 Net profits** increased **12%** YoY, due to a strong expansion in revenue, but dropped **13%** QoQ, mainly from research spend to support long-term business plan.

# 2Q2024 Financial Performance Summary

(Unit: million Baht)	2Q2023	1Q2024	2Q2024	% YoY	% QoQ	1H2023	1H2024	% YoY
Revenue from sales and services	171.3	205.2	202.9	18%	-1%	388.8	408.0	5%
COGS	(89.9)	(117.8)	(114.3)	27%	-3%	(210.5)	(232.0)	10%
<b>Gross Profit</b>	<b>81.4</b>	<b>87.4</b>	<b>88.6</b>	9%	1%	<b>178.2</b>	<b>176.0</b>	-1%
<b>%GPM</b>	<b>47%</b>	<b>43%</b>	<b>44%</b>	n.a.	n.a.	<b>46%</b>	<b>43%</b>	n.a.
<b>SG&amp;A</b>	<b>(43.0)</b>	<b>(41.9)</b>	<b>(48.6)</b>	13%	16%	<b>(81.3)</b>	<b>(90.5)</b>	11%
Distribution costs	(10.1)	(8.8)	(11.1)	10%	26%	(19.8)	(19.9)	0.4%
Administrative expenses	(32.9)	(33.1)	(37.5)	14%	14%	(61.4)	(70.6)	15%
Other Income*	0.06	5.7	3.4	5583%	-40%	1.4	9.2	578%
Other Expenses*	(0.3)	-	-	n.a.	n.a.	(0.3)	-	n.a.
Other gain (losses)**	(0.2)	(1.7)	(0.7)	229%	-56%	2.0	(2.4)	n.a.
Finance Income	0.10	0.09	0.18	83%	100%	0.19	0.26	37%
Finance costs	(0.8)	(2.0)	(1.6)	105%	-17%	(1.3)	(3.6)	179%
Share of loss of associate accounted for using equity method***	-	(0.10)	(0.11)	n.a.	17%	-	(0.2)	n.a.
Tax income (expenses)	(0.4)	0.2	0.4	n.a.	81%	(2.5)	0.56	n.a.
<b>Net Profits</b>	<b>36.9</b>	<b>47.8</b>	<b>41.5</b>	12%	-13%	<b>96.4</b>	<b>89.2</b>	-7%
<b>%NPM</b>	<b>22%</b>	<b>23%</b>	<b>20%</b>	n.a.	n.a.	<b>25%</b>	<b>22%</b>	n.a.

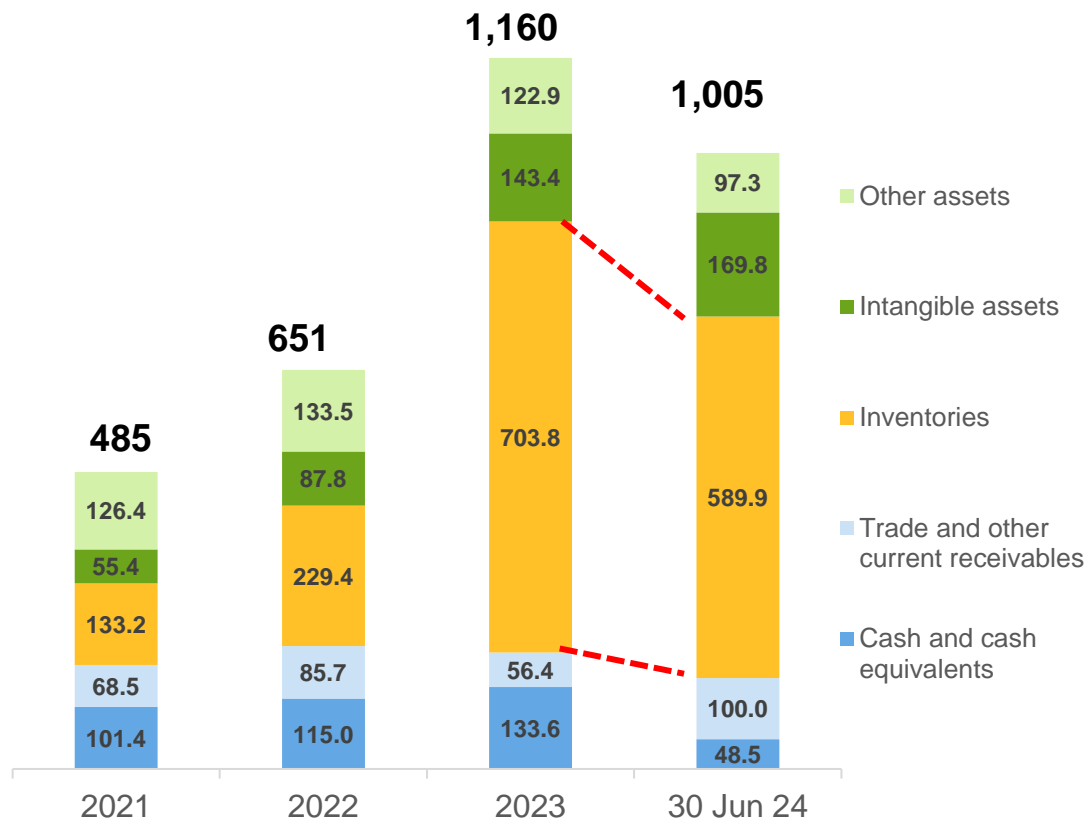
Note: \* Other Income including realized gain from exchange rate, funding support for R&D projects etc.; Other Expenses including realized losses from exchange rate.

\*\* Other gains (losses) is the net unrealized gain (loss) from the exchange rate that do not enter the hedging accounting conditions.

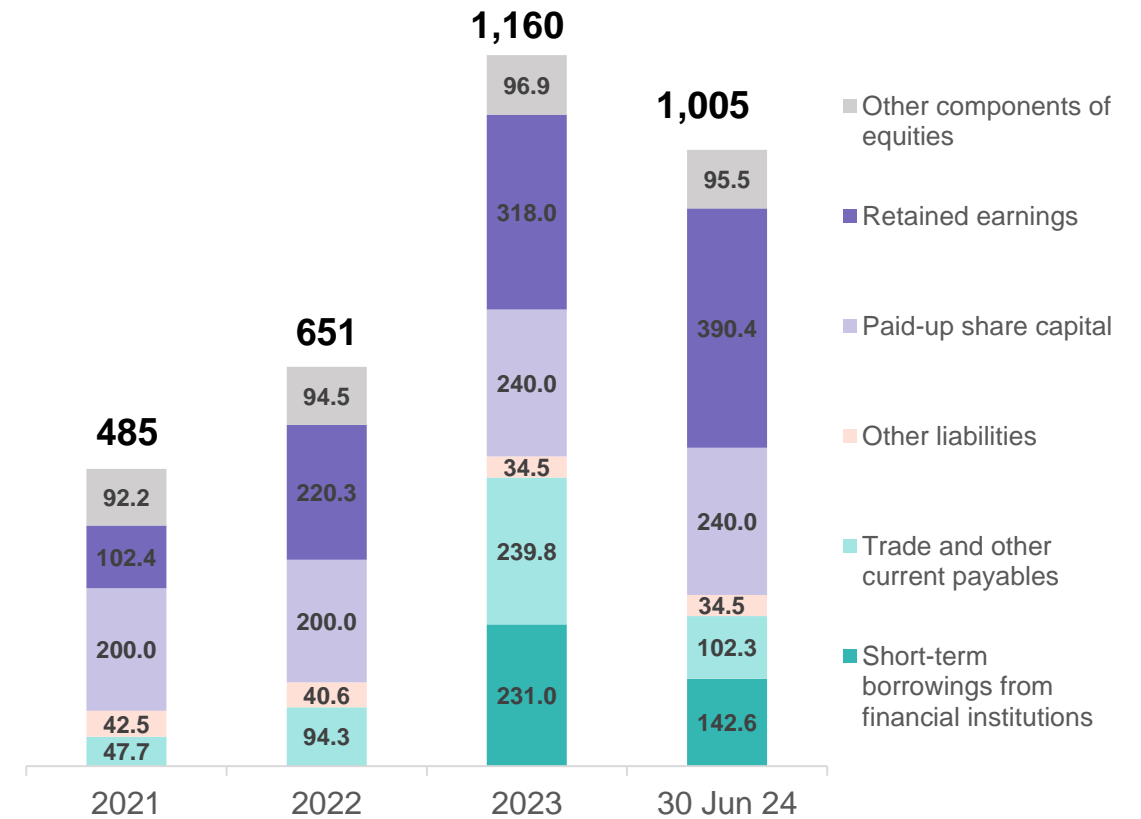
\*\*\* In 1Q24, there was a "Share of loss on associate by equity method", resulting from an establishment of a new joint venture company namely Adaptrics Company Limited.

# Statement of Financial Position – as at 30 Jun 2024

## Assets (mn Bt)

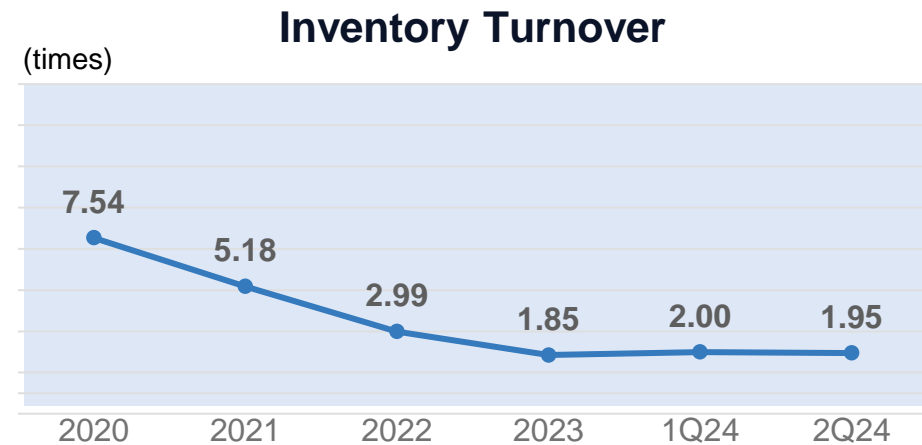
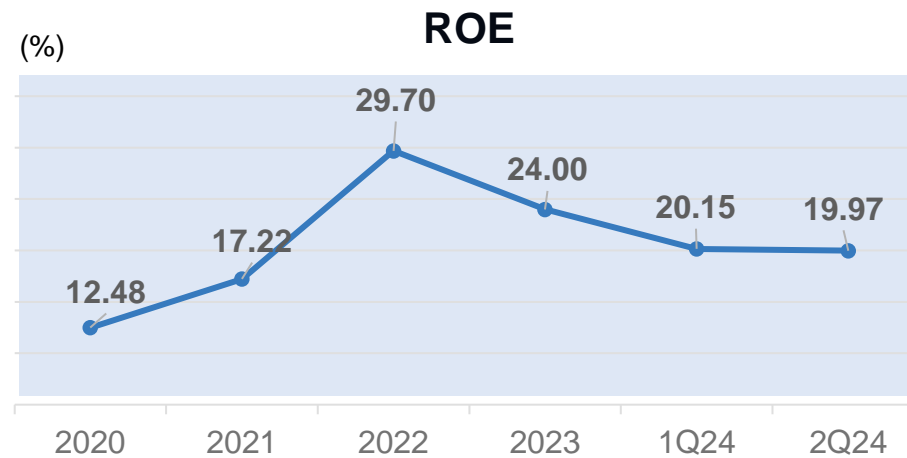
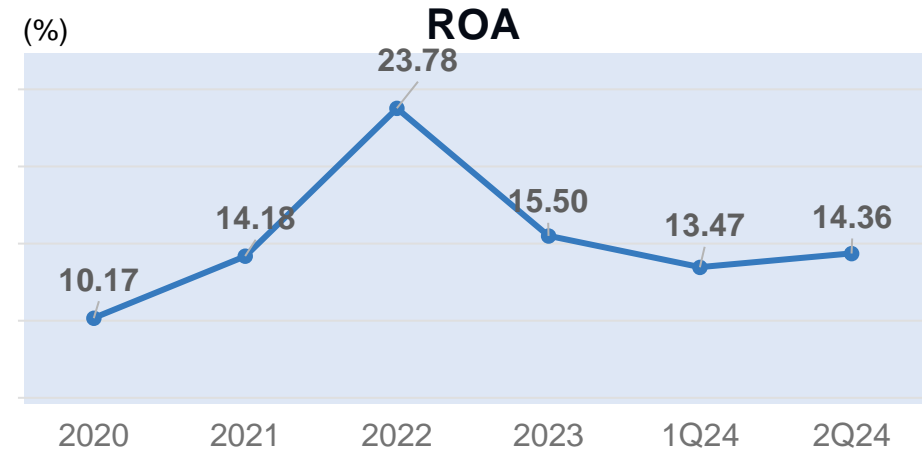
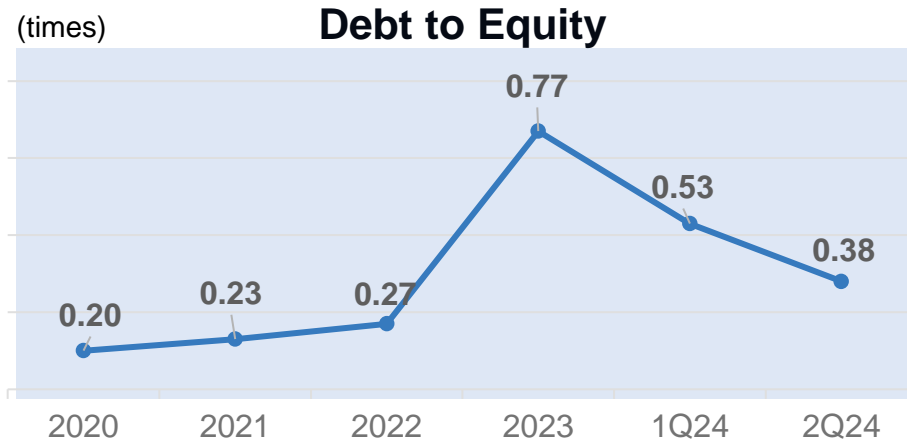


## Liabilities & Equities (mn Bt)





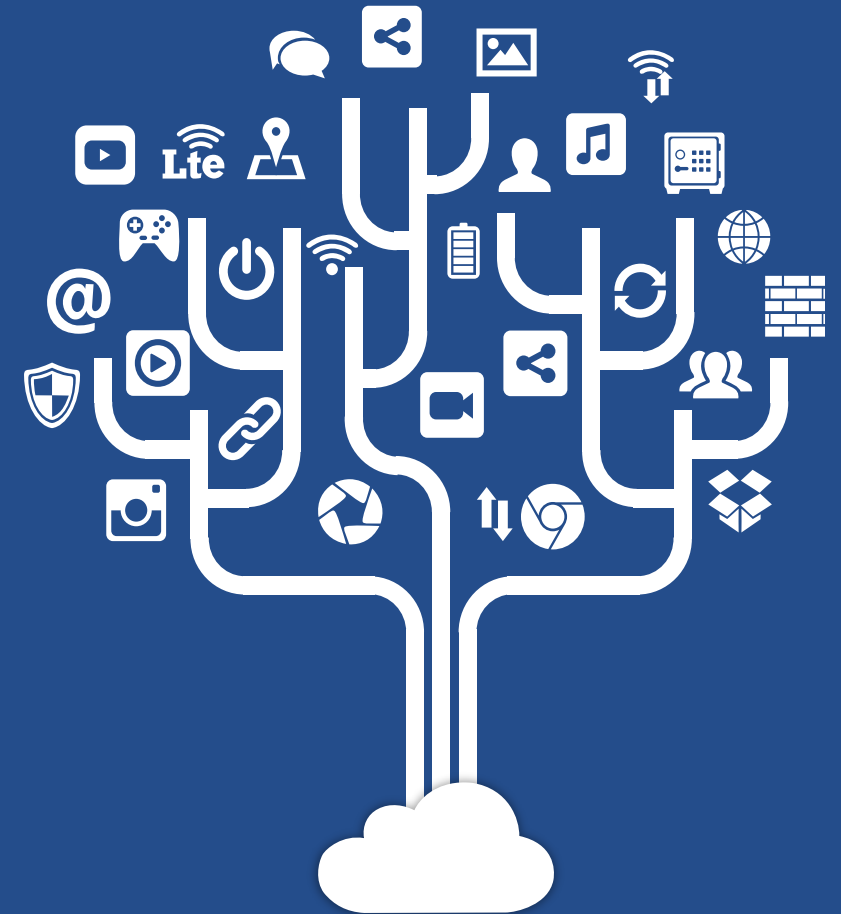
# Key Ratios



# Key Takeaway

## 2Q24 Financial Performance

- 2Q24 Revenue continued to show a strong expansion, increasing 18% YoY, supported by Animal ID and Industrial IoT groups, but slightly dropping 1% YoY from high base in 1Q24.
- Net profits in 2Q24 rose 12% YoY from revenue expansion, but decreased 13% QoQ, mainly from higher research spend to support business growth.
- 2Q24 GPM stood at 44%, slightly higher QoQ, but drop YoY from product mix.
- 2Q24 SG&A increased YoY and QoQ, due to higher research spend and business travel expenses during the quarter.
- NPM in 2Q24 remained strong at 20%

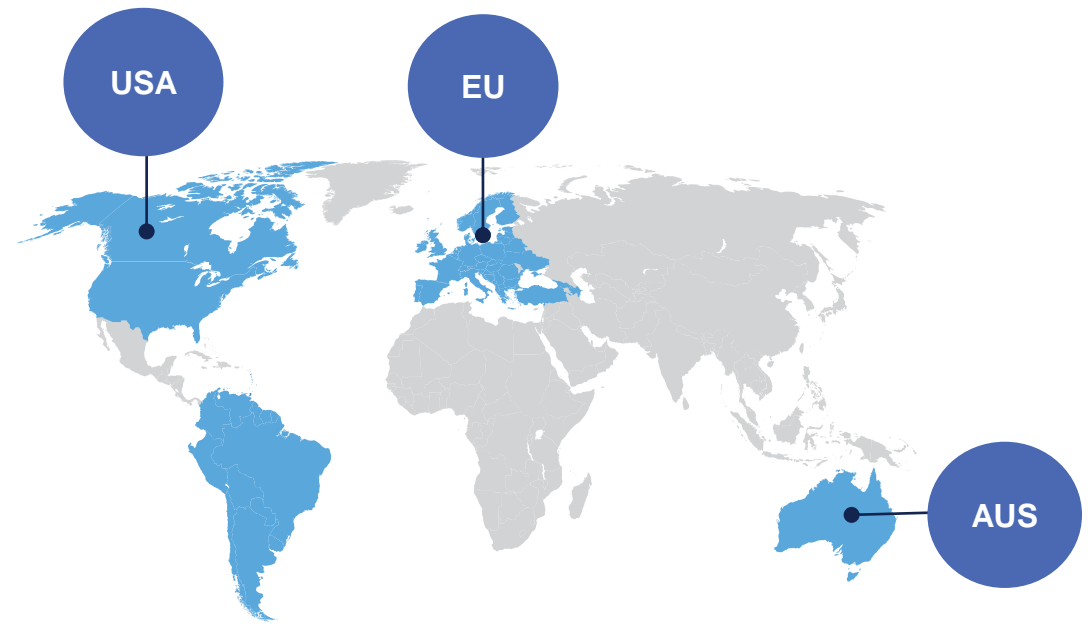


# Company Product Performance



# ANIMAL IDENTIFICATION

Longest read range; Best performance



- **2Q24 Revenue** from Animal ID continued to expand strongly, due mainly to the progress in the enforcement of electronic ID tags for sheep and goats in Australia
- **Key Drivers**  
**Short-term:** the law enforcement of electronic ID tags for sheep and goats in Australia and upcoming regulation in U.S. (According to USDA, the rule is expected to be published in the federal register in May and will be effective 180 days after publication)  
**Long-term:** trend to enforce in other nations from the spread of viral diseases in animals, trends in animal healthcare

- **2024 Guidance:** Main driver in 2024 revenue growth

Million Baht

2Q23	1Q24	2Q24	QoQ	YoY	1H23	1H24	YoY
74.8	113.0	124.2	10%	66%	168.5	237.2	41%

# Updated Sheep and Goat eID National Implementation Plan in Australia

State or territory	Newborn eID tagged	eID tagged before leaving a property	Abattoirs scan devices	Saleyards scan devices	Property to property movement recorded
Australian Capital Territory	2025	2025	N/A	N/A	2025
New South Wales	2025	2027	2024	2025	2025
Northern Territory	2025	2025	2025	2025	2025
Queensland	2025	2027	2025	2025	2025
South Australia	2025	2027	2025	2025	2025
Tasmania	2025	2027	2025	2025	2025
Victoria	2017	2022	2017	2018	2018
Western Australia	2025	2026	2025	2025	2026

Source: Australian Government Department of Agriculture, Fisheries and Forestry

## Government Scheme for eID in states/territories of Australia

State/Territory	Amount of Government support	Assistance Package Scheme
Queensland	\$ 6.34 million dollars	50% rebate up to \$1,600 to producer for EID readers and devices
South Australia	\$ 12.80 million dollars	Undisclosed
Tasmania	\$ 11.66 million dollars	\$ 1 rebate per EID ear tag. \$ 4 rebate per EID goat leg band
Western Australia	\$ 25.60 million dollars	\$ 0.75 discount per EID tag
New South Wales	\$ 41.00 million dollars	\$ 0.76 discount per tagging device



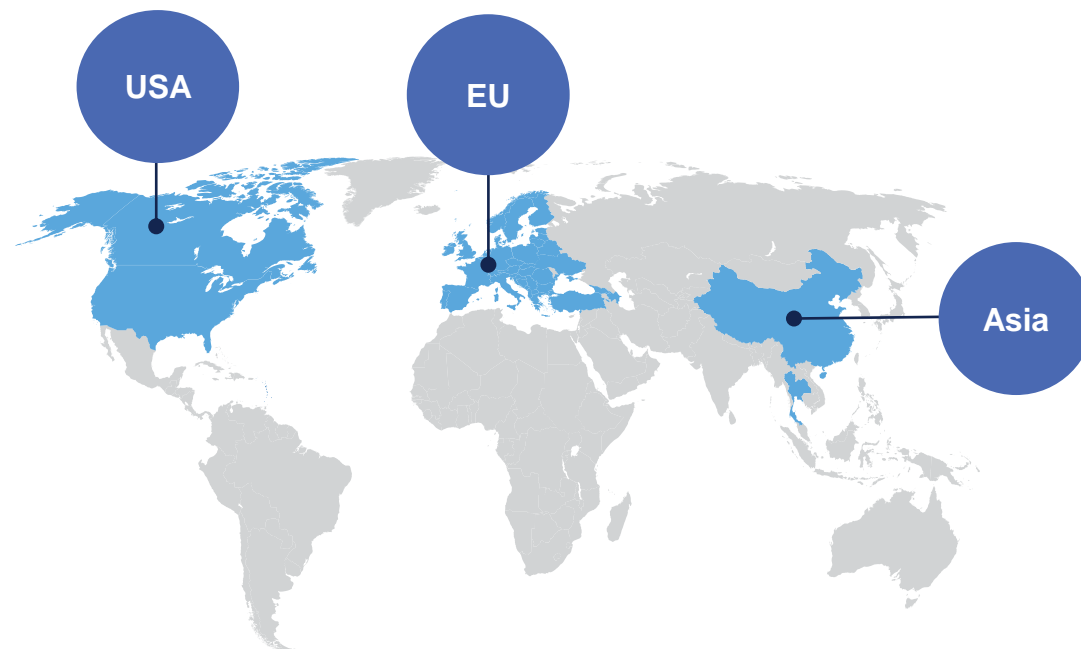
# Use of eID Eartags as Official Identification in Cattle and Bison in USA



The screenshot displays the Federal Register website interface. At the top, it features the National Archives logo and the text 'FEDERAL REGISTER The Daily Journal of the United States Government', along with the Department of Agriculture seal. A blue banner indicates '(R) Rule'. The main heading is 'Use of Electronic Identification Eartags as Official Identification in Cattle and Bison', with a sub-heading 'A Rule by the Animal and Plant Health Inspection Service on 05/09/2024'. A left sidebar contains navigation options: PDF, Document Details, Document Dates, Table of Contents, Public Comments, Regulations.gov Data, Sharing, Print, Document Statistics, Other Formats, and Public Inspection. The main content area is titled 'PUBLISHED DOCUMENT' and includes a 'DOCUMENT HEADINGS' section with the following text: 'Department of Agriculture, Animal and Plant Health Inspection Service, 9 CFR Parts 71, 77, 78, and 86, [Docket No. APHIS-2021-0020], RIN 0579-AE64'. Below this, the 'AGENCY:' is 'Animal and Plant Health Inspection Service, USDA.', the 'ACTION:' is 'Final rule.', and the 'SUMMARY:' states: 'We are amending the animal disease traceability regulations to require that eartags applied on or after a date 180 days after publication in the Federal Register of this final rule be both visually and electronically readable in order to be recognized for use as official eartags for interstate movement of cattle and bison covered under the regulations. We are also clarifying certain record retention and record access requirements and revising some requirements pertaining to slaughter cattle. These changes will enhance the ability of Tribal, State and Federal officials, private veterinarians, and livestock producers to quickly respond to high-impact diseases currently existing in the United States, as well as foreign animal diseases that threaten the viability of the U.S. cattle and bison industries.' The 'DATES:' section indicates 'This rule is effective November 5, 2024.'

# IMMOBILIZER

Applicable with almost automotive series to increase security in accessing vehicle



- **2Q24 Revenue** from Immobilizer decreased QoQ and YoY, due to lower revenues from customers in Europe and the Americas, indicating signs of contraction across the entire industry.
- **2024 Guidance:** Demands remain soft due to worldwide inventory level

Million Baht

2Q23	1Q24	2Q24	QoQ	YoY	1H23	1H24	YoY
35.7	25.1	15.7	-37%	-56%	93.4	40.7	-56%

# INDUSTRIAL IoT

High efficiency and unique key features



- **2Q24 Revenue** from Industrial IoT rose QoQ and YoY, mainly from increasing demands from customers in Asia and expanding proportion of revenue from new product
- **Key Drivers**  
**Short term:** Rev expansion from new product SIC73F1 (Wafer Cassette Tracking Chip)  
**Long term:** New chips released in 2024 matching with trends in IoT and Industry 4.0
- **2024 Guidance:** Revenue expansion from adoption on new SIC chips

Million Baht

2Q23	1Q24	2Q24	QoQ	YoY	1H23	1H24	YoY
56.5	66.4	62.9	-5%	11%	118.0	129.3	10%



# NFC & Others

High efficiency; can be applied in a wide range of applications



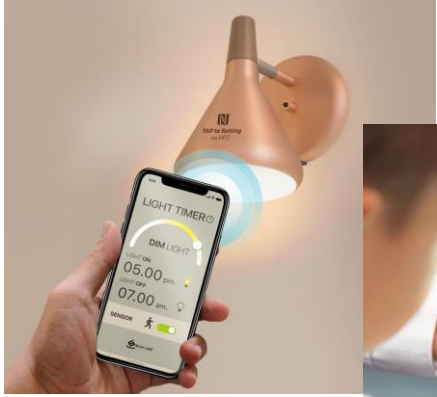
Product Authentication

## Supporting SMEs for value creation

with your own authentication system



For more information: [trustify@sic.co.th](mailto:trustify@sic.co.th)



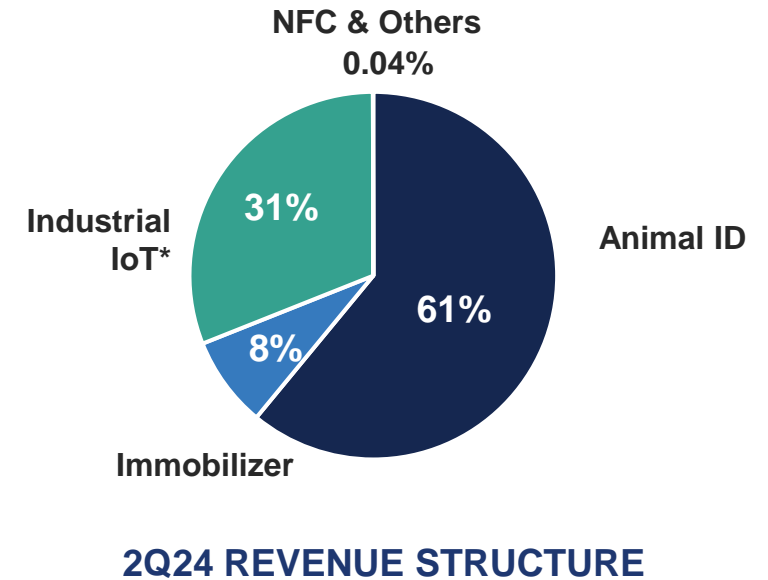
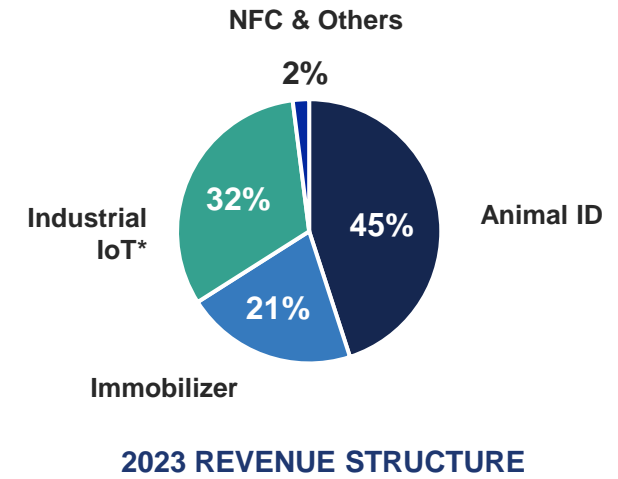
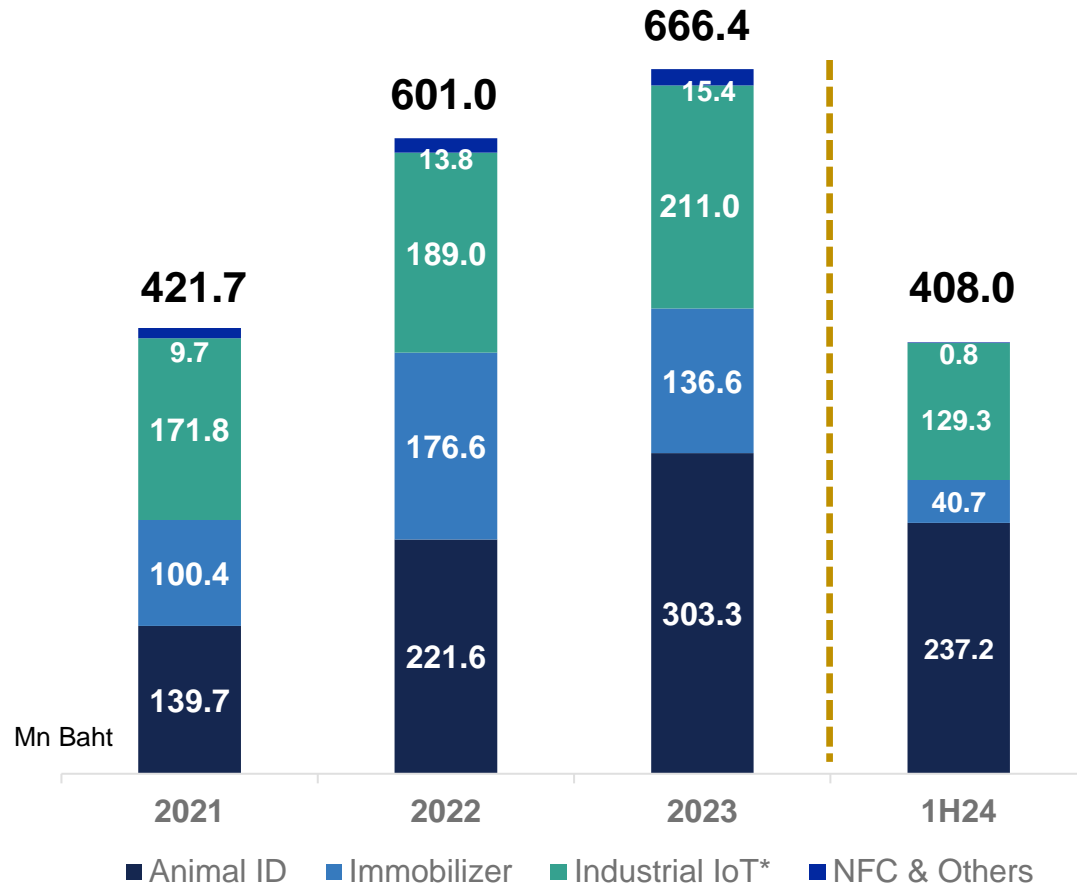
- **2Q24 Revenue** from NFC & others dropped QoQ and YoY, mainly from a decrease in revenue from customers in Europe which mostly consists of anti-counterfeiting products.
- **Key Drivers**  
**Short term:** Development of Ecosystem on Digital Transformation using existing products  
**Long term:** New products in healthcare & environment
- **2024 Guidance:** the revenue growth is based on new customer projects

Million Baht

2Q23	1Q24	2Q24	QoQ	YoY	1H23	1H24	YoY
4.3	0.7	0.1	-89%	-98%	8.9	0.8	-91%

# Revenue Structure

Breakdown by products



Note: \* Starting from Quarter 2/2022, the Company has updated the category of application groups from “Access Control/Reader” group to “Industrial IoT” group, in order to be aligned with the current business portfolio.

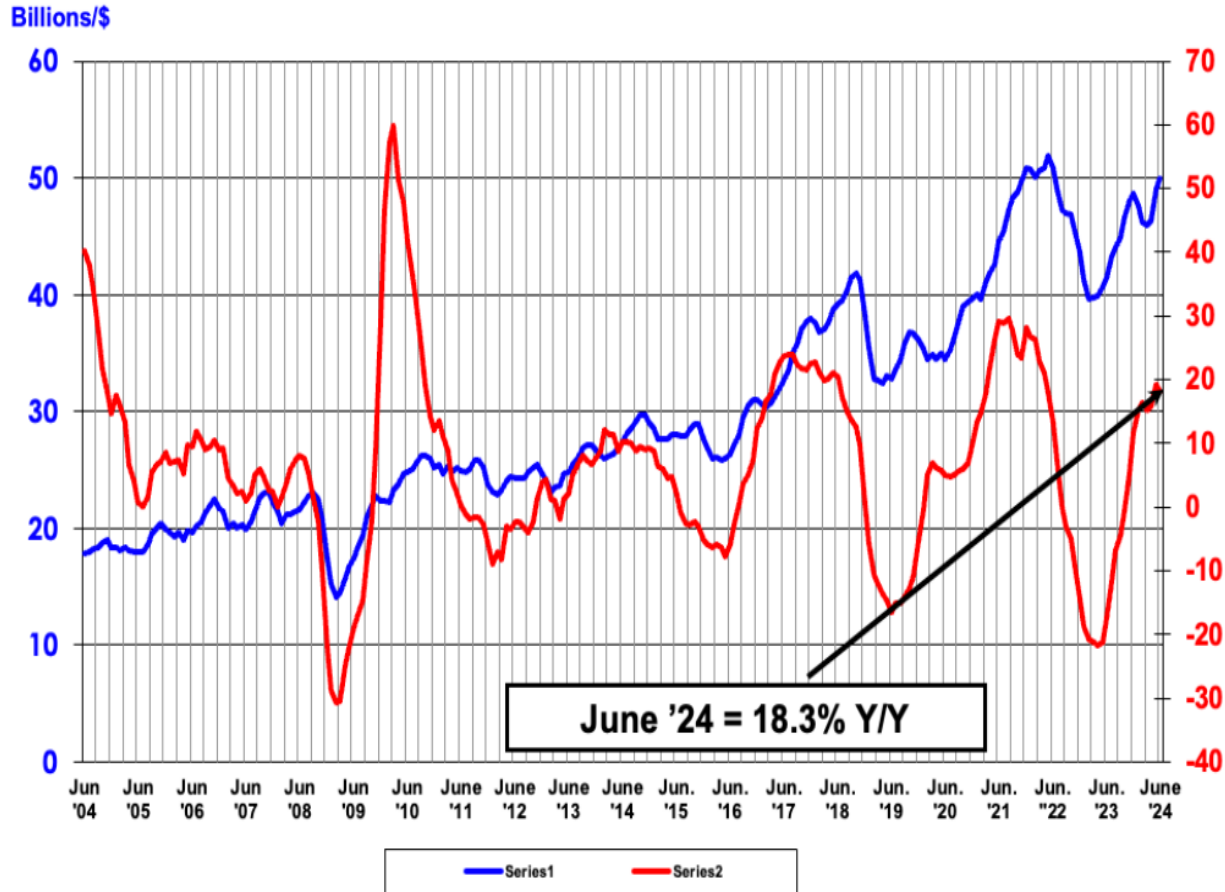


# Business Outlook & Update



# Global Semiconductor Outlook

## Worldwide Semiconductor Revenues



Source: WSTS

## Second-Quarter Global Semiconductor Sales in 2024 increased 18.3% YoY, and up 6.5% QoQ.

- Global semiconductor sales totaled \$149.9 bn in Q2/2024, an increase of 18.3% compared to Q2/2023 and 6.5% more than the first quarter of 2024.
- Sales in June 2024 were \$50.0 bn, an increase of 1.7% compared to the May 2024 total of \$49.1 bn.
- The global semiconductor market remained strong during the second quarter of 2024, with quarter-to-quarter sales increasing for the first time since the fourth quarter of 2023.
- The long-term outlook for the semiconductor market is extremely strong due to advancing government policies that invest in R&D.

# Outlook: Cyclical Slowdown from High Inventory level in the market

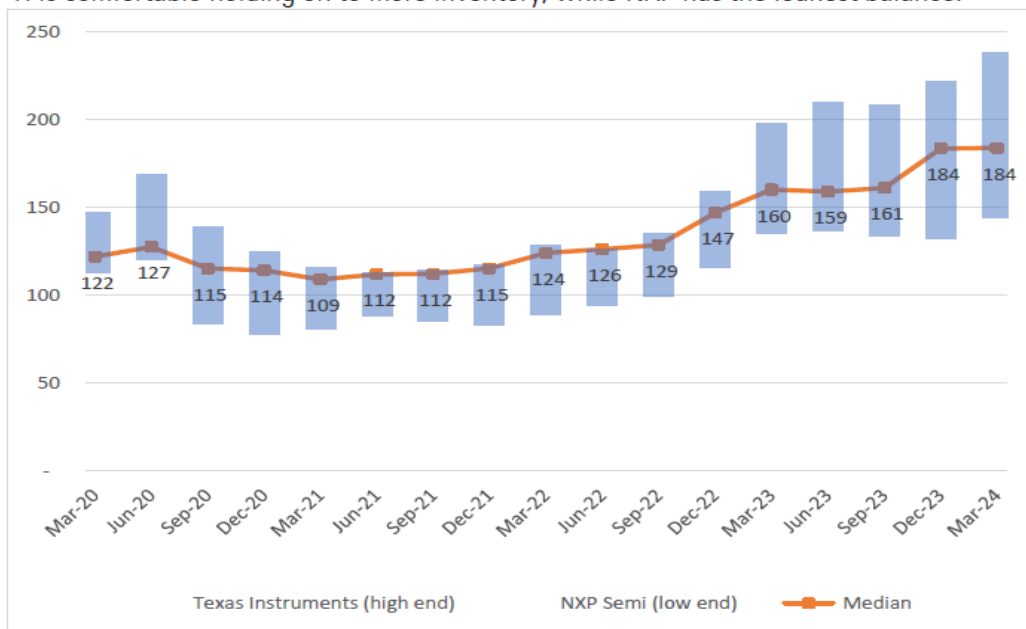
ANALOG and MIXED SIGNAL SEMICONDUCTORS Q2 2024

## Rising Analog and Mixed Signal Chip Inventory in 2023 Pointed to the Downturn We'll See in 2024

The cyclical downturn that we're seeing in analog and mixed signal semis is most notable when looking at days of chip inventory. On chipmaker balance sheets, days of inventory remain at alarming levels, particularly at Texas Instruments, even when acknowledging that analog/mixed signal products have long useful lives and low risk of obsolescence. We're encouraged that the median Inventory Days Outstanding leveled off in the March 2024 quarter at 184 days, and it may tick down in the quarters ahead. However, we still see elevated inventory days at key distributors like Arrow and Avnet, which again suggests that inventories won't draw down rapidly in the next quarter or two.

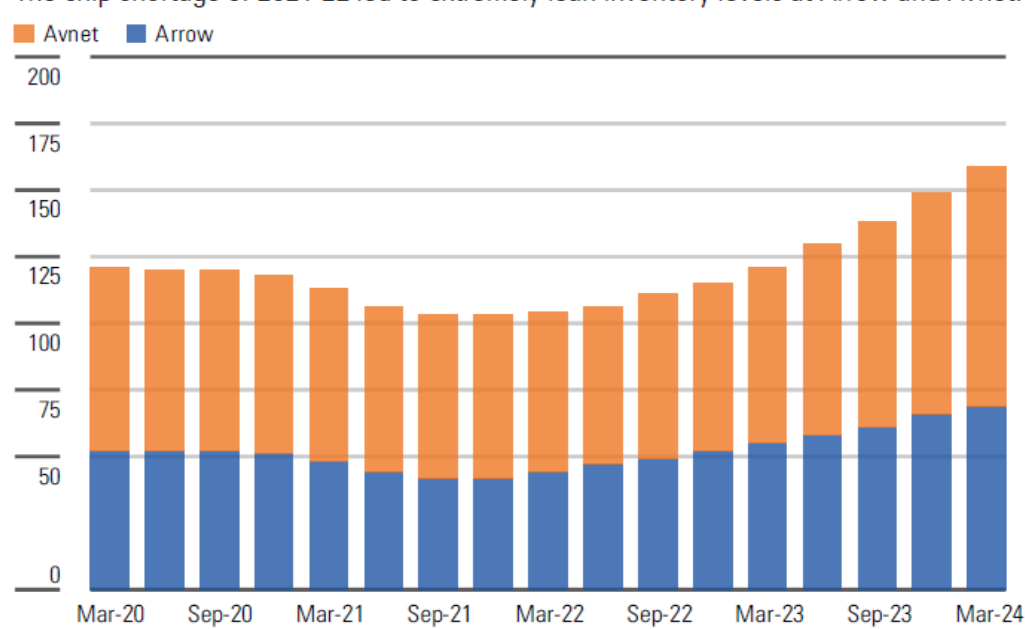
### Inventory Days Are at Alarming Levels but Should Gradually Decline Over Time

TI is comfortable holding on to more inventory, while NXP has the leanest balance.



### Inventory Days at Key Distributors Continue to Rise to Concerning Levels

The chip shortage of 2021-22 led to extremely lean inventory levels at Arrow and Avnet.



# Workforce Fostering for the Future

## MOU on Collaboration in the Student Development



On June 24, at the Faculty of Engineering, Chulalongkorn University, Dr. Bodin Kasemset, CEO of Silicon Craft Technology PLC, and Prof. Supot Teachavorasinskun, D.Eng., Dean of the Faculty of Engineering, Chulalongkorn University, **jointly signed a memorandum of understanding (MOU) on collaboration in the student development**, and creation of personnel related to ICs design between Chulalongkorn University, through the Faculty of Engineering, and Silicon Craft.

## SCI-POWER FOR FUTURE THAILAND SEMINAR



On July 25, Silicon Craft Technology PLC participated in the “**SCI POWER FOR FUTURE THAILAND**” event, organized by the Ministry of Higher Education, Science, Research and Innovation (MHESI). This event is the largest initiative **aimed at enhancing scientific and innovation skills for Thai people to meet international standards.**

Dr. Bodin Kasemset, CEO of Silicon Craft, took the stage to participate in a discussion on the topic “Development the Hub of Talents and Hub of Knowledge in Thailand.”

# Participated Exhibitions

## ICAR and INTERBULL Conference 2024



On May 20-23, Silicon Craft Technology PLC exhibited cutting-edge **RFID microchip for animal identification and health monitoring** at **ICAR and INTERBULL Conference 2024 in Bled, Slovenia**. The product is aimed to provide better solutions for enhancing livestock productivity and farm management.

## RFID Journal Live! 2024



On April 9-11, Silicon Craft Technology PLC exhibited cutting-edge RFID and NFC IC innovations at RFID Journal Live! 2024 in Las Vegas, USA. Showcasing our latest RFID and NFC microchip technologies such as RFID chips for asset tracking, Dual Interface RFID UHF and I2C for intelligent inventory.

During this event, Dr. Bodin Kasemset, CEO, was a speaker on April 10 at the conference and presented about the potential of NFC sensor interface chips, highlighting the importance of RFID sensor interfaces in healthcare applications.

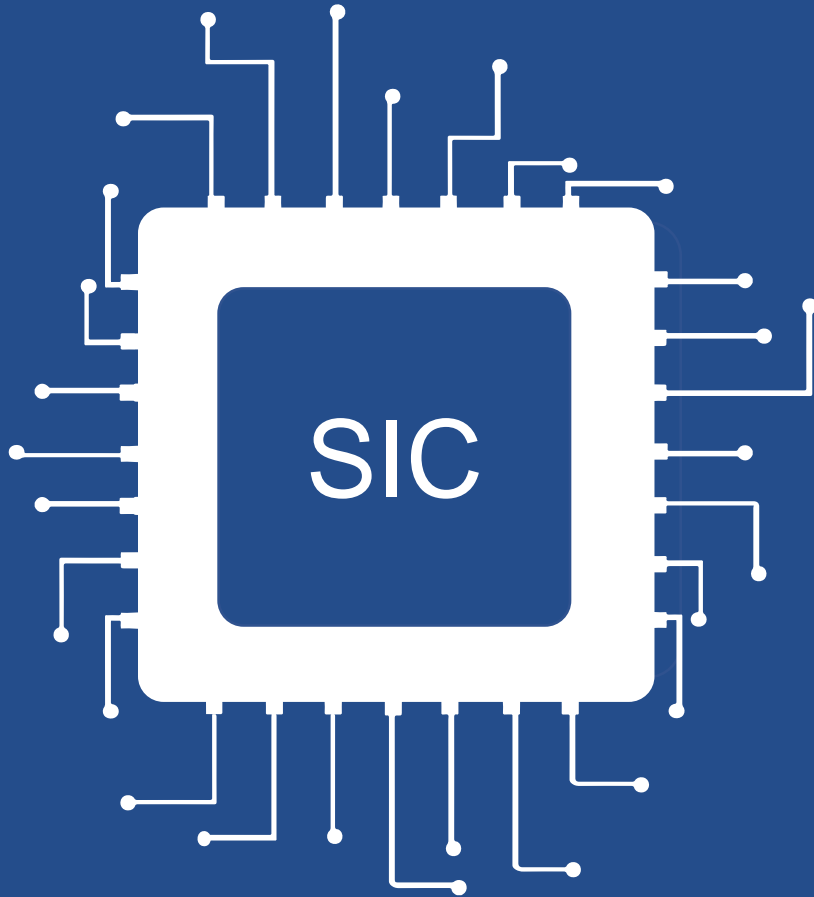
# Business Outlook, 2Q2024

- Strong growth in Animal ID revenue with additional orders from key accounts
- Positive recovery trend on Interrogator business in Industrial IoT in H2, 2024
- Ramp up series of SIC73x Industrial IoT products in H2, 2024 to capture Design-Win business in US, EU and Japan
  - First order received in Q3 from customers in Japan on 2 new products (SIC73F1 and SIC73WR)
  - Design-win expected from customer in EU and US in Q4, 2024
- Immobilizer remain flat on quarter-basis since Q3, 2023 due to high inventory level at end customer mainly in US and China
- Inventory reduction as planned with Operations Automation now fully implemented for real time inventory management
- Growth rate and Gross Profit Margin depending on the growth of Industrial IoT products
- Focusing on investing in new chip research and New Product Development based on Roadmap





# R&D Update



- Facing delay from 2 new product releases affecting growth rate in 2024
- In 2024, at least 4 new product releases in total
  - 2 new microchips on track to be ready for sales in Q4, 2024
- Several exclusive chip/system design projects lined up for contract agreement in 2024 -> New revenue in 2026
- 2 research chips completed in Q3 and ready for wafer production
- In good execution progress for new product releases in pipeline for 2025
- 2 chip projects on-going in collaboration with NRCT and universities for new industrial applications

# SICT's Hall of Fame

## 2024 List of ESG100 Companies



Silicon Craft Technology PLC has been selected by Thaipat institute, for “**2024 List of ESG100 Companies**” with outstanding performance on the Environmental, Social, and Governance (ESG), and include in the universe of "ESG100" for 2024. The Company has been honored to receive the award for two consecutive years.

The Company was selected from 920 listed securities. It is one of only two listed securities from the technology sector, out of 23 on the mai.

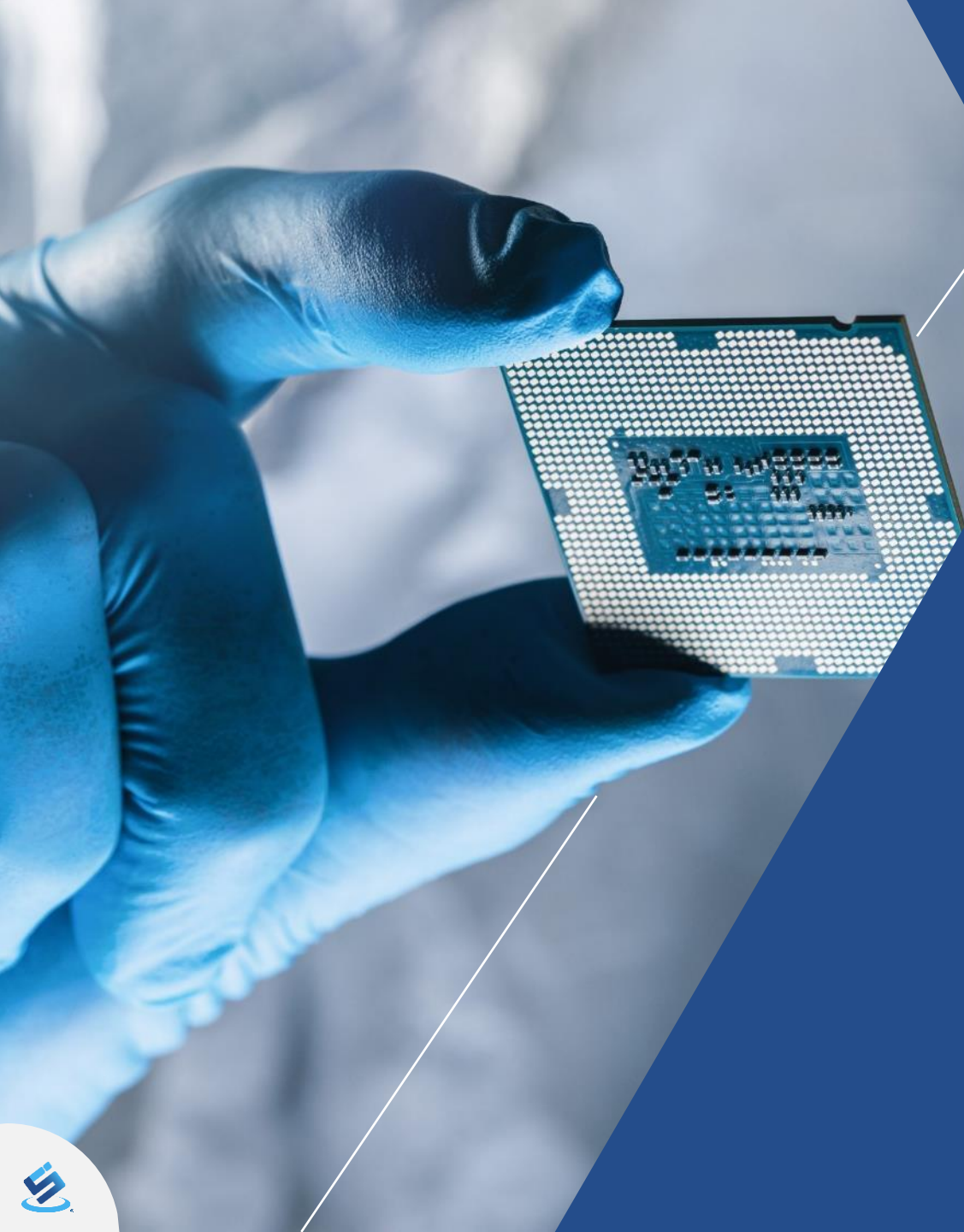
## Forbes Asia: Best Under A Billion

Silicon Craft Technology PLC has been selected as one of *the Best Under A Billion* companies, by Forbes Asia

Forbes Asia spotlights **200 top-performing publicly listed companies in the Asia-Pacific region with annual sales under US\$1 billion.** From a universe of over 20,000 small and mid-sized companies in the region, using both quantitative and qualitative metrics, these 200 Best Under A Billion companies have track records of exceptional corporate performance.

To celebrate and honor the success, Forbes Asia is hosting a Best Under A Billion Forum and Awards Dinner on October 23, 2024 in Hong Kong.





# THANK YOU



[www.sic.co.th](http://www.sic.co.th)



[info@sic.co.th](mailto:info@sic.co.th)



+66 2 589 9991

