

**iBASE**

www.ibase.com.tw

# **IBASE TECHNOLOGY INC.**

(STOCK CODE: 8050)

## **INVESTOR CONFERENCE**

Spokesman

Sr. Vice President

Sr. Executive Assistant

Financial Director

2022/08/12

**Jeff Hsu**

**Albert Lee**

**Brian Shang**

**Benny Lin**



# Disclaimer

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# Agenda



01 **Company Profile**

02 **Financial Information**

03 **R&D Capabilities**

04 **Main Products Introduction**

05 **Success Stories**

06 **Q&A**



# Company Profile

# Company Snapshot



Design and  
Manufacturing  
of Robust  
Computing  
Platforms



**Founded**

**February 2000**



**HQ**

**Taipei, Taiwan**



**Chairman**

**C. S. Lin**



**Capital**

**US\$63M**



**Stock Quote**

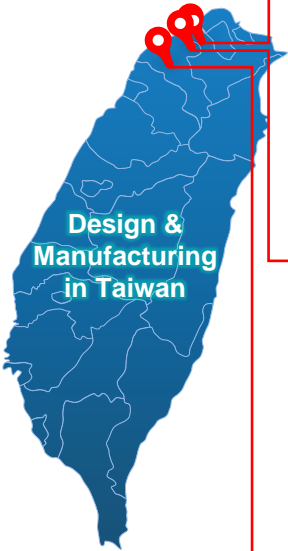
**TPEX 8050**  
(Since 2003)



**Employees**

**838 (Worldwide)**  
**600 (IBASE HQ)**

# IBASE Manufacturing Sites



Design & Manufacturing in Taiwan



## SANCHUNG

- Board Production
- Validation

3,481 m<sup>2</sup> / 1,053 Ping



## HSINCHUANG

- System Assembly
- Validation

6,070 m<sup>2</sup> / 1,840 Ping



## PINGZHEN

- Board Production
- System Assembly
- Validation

18,399 m<sup>2</sup> / 5,566 Ping

## Total Size

**300,851 Square-feet**  
(27,950 m<sup>2</sup> / 8,459 Ping)

## Capacity

- SMT Line x 5+2
- DIP Assembly Line x 3+1
- System Assembly Line x 10
- Cleanroom x 2
- Burn-in Room x 13  
(4 hours per cycle)

## PCBA

**80K/month**  
(In-house Production) + Outsourcing

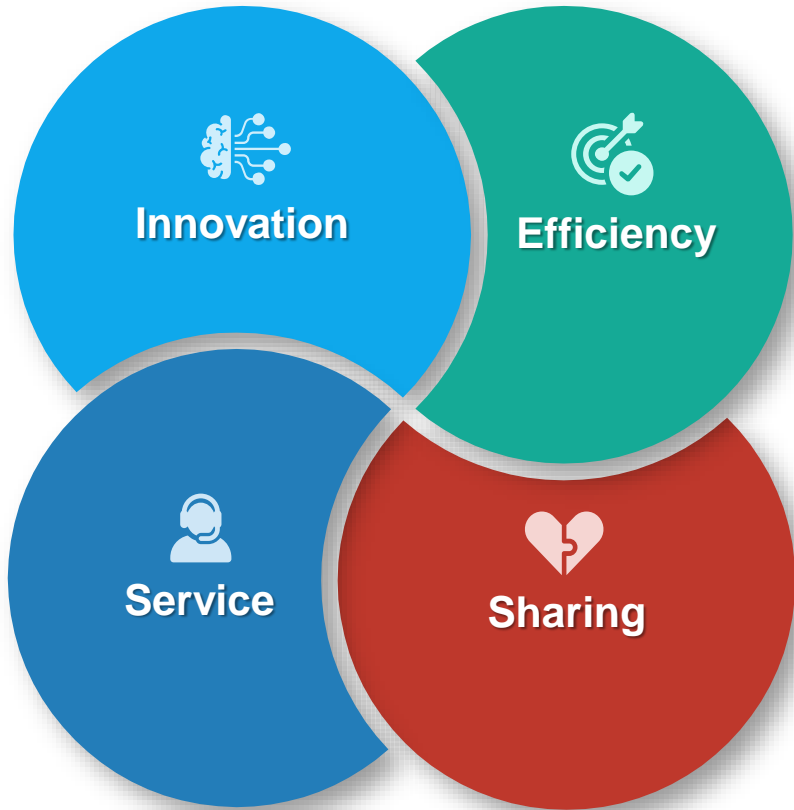
## System Assembly

**50K/month**  
(In-house Production) + Outsourcing

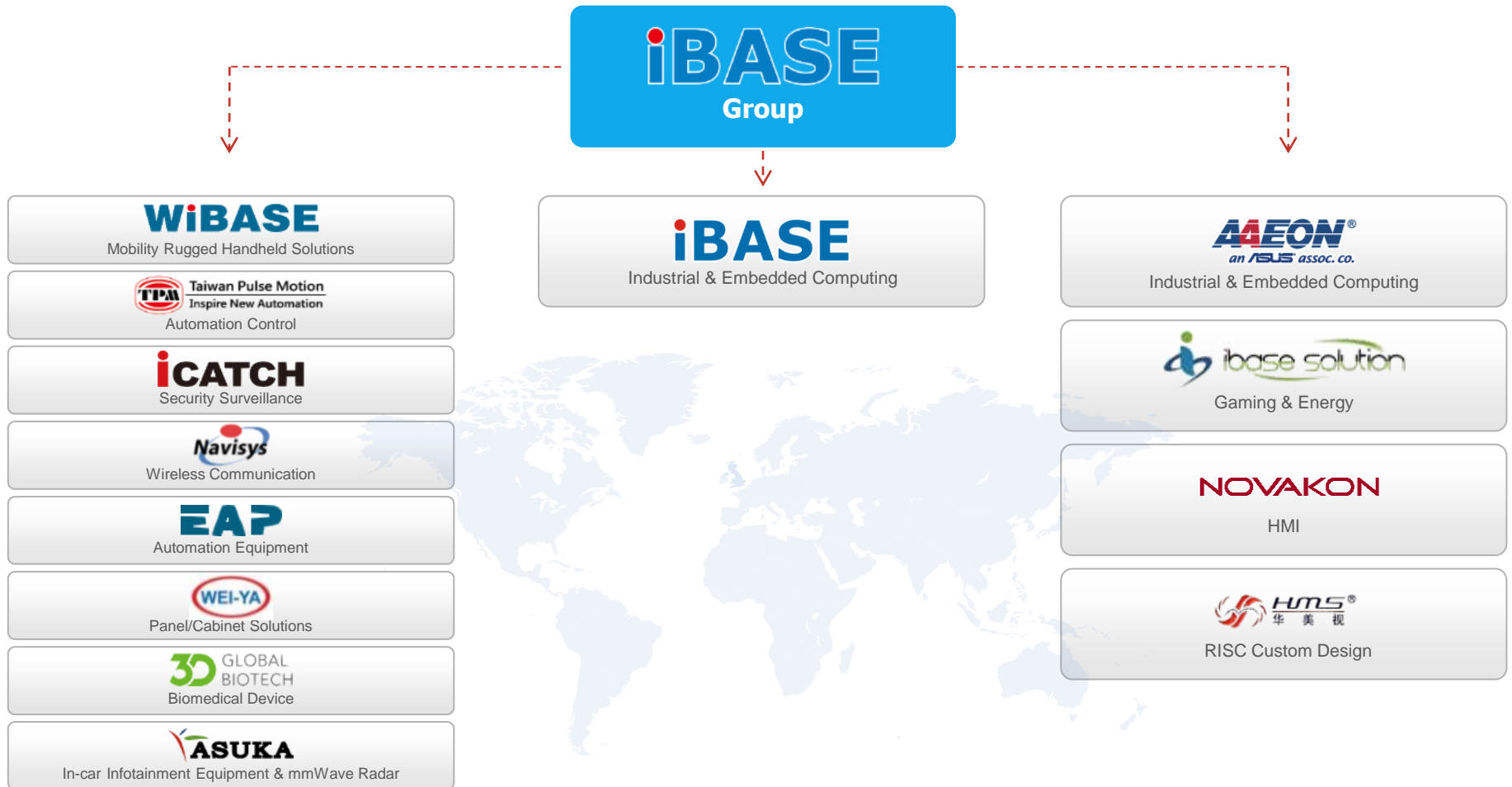
## Certifications



# IBASE Philosophy



# iBASE Group





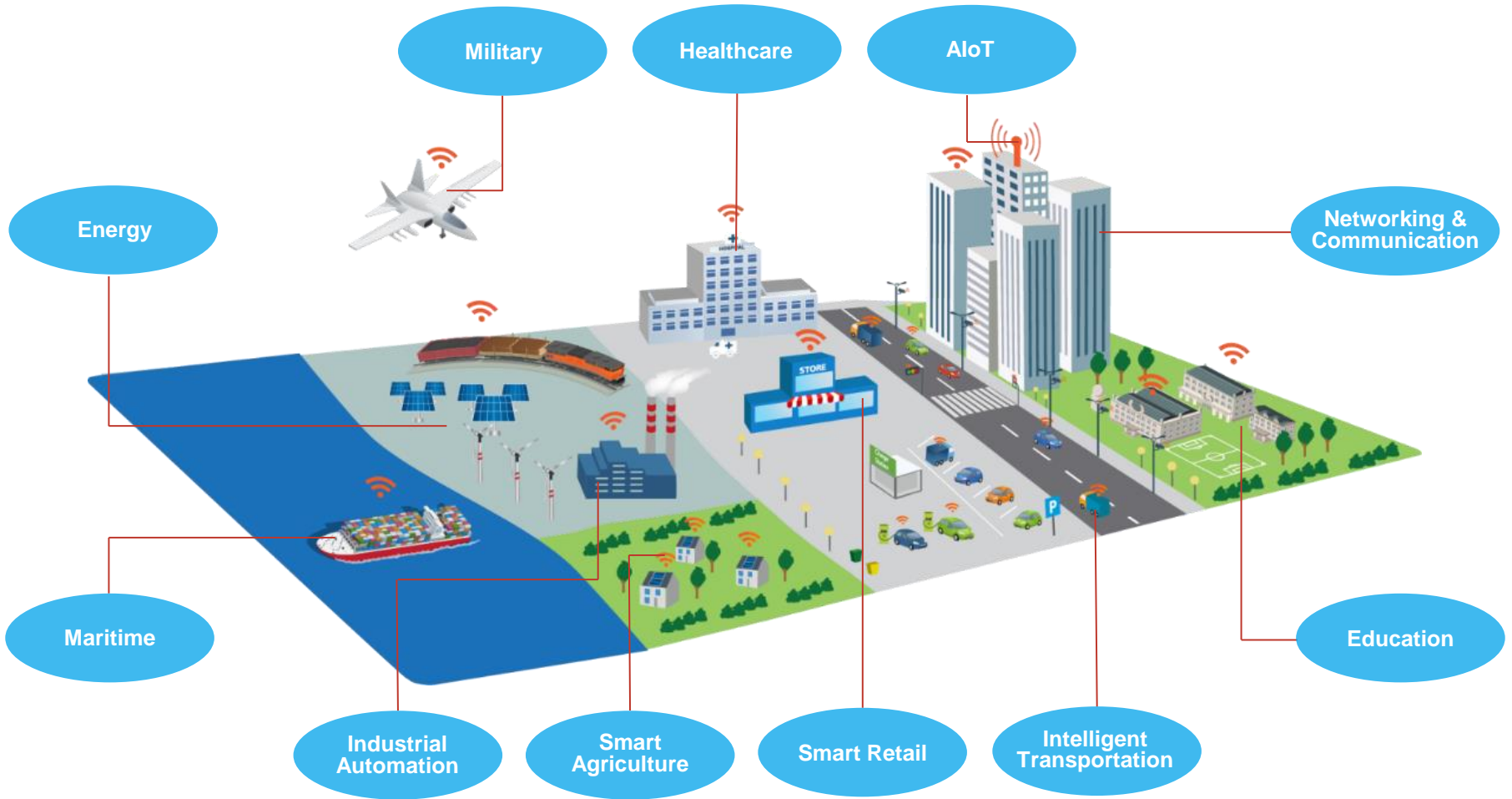
# Worldwide Presence



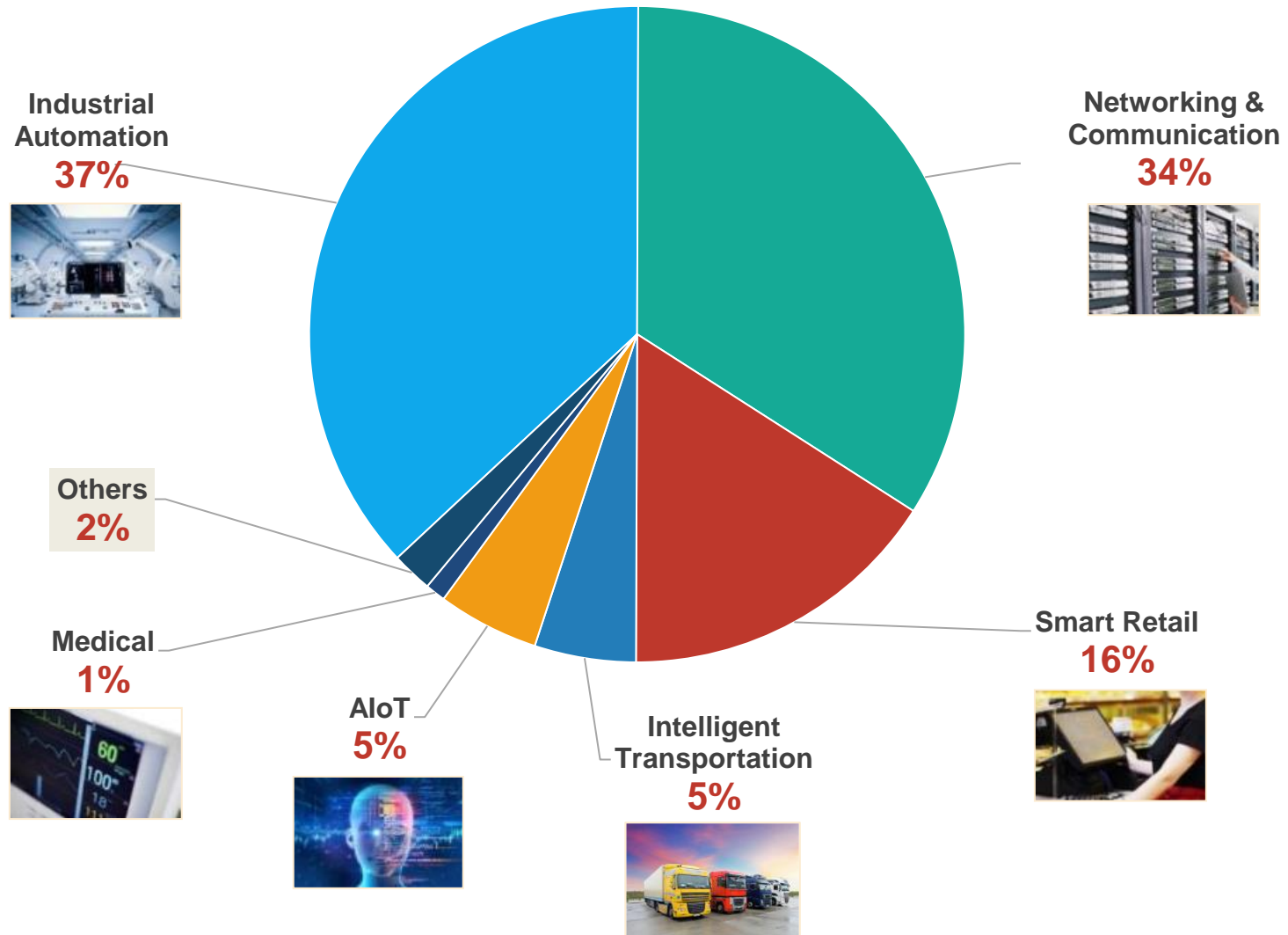
**Design & Manufacturing in Taiwan**

# Vertical Applications

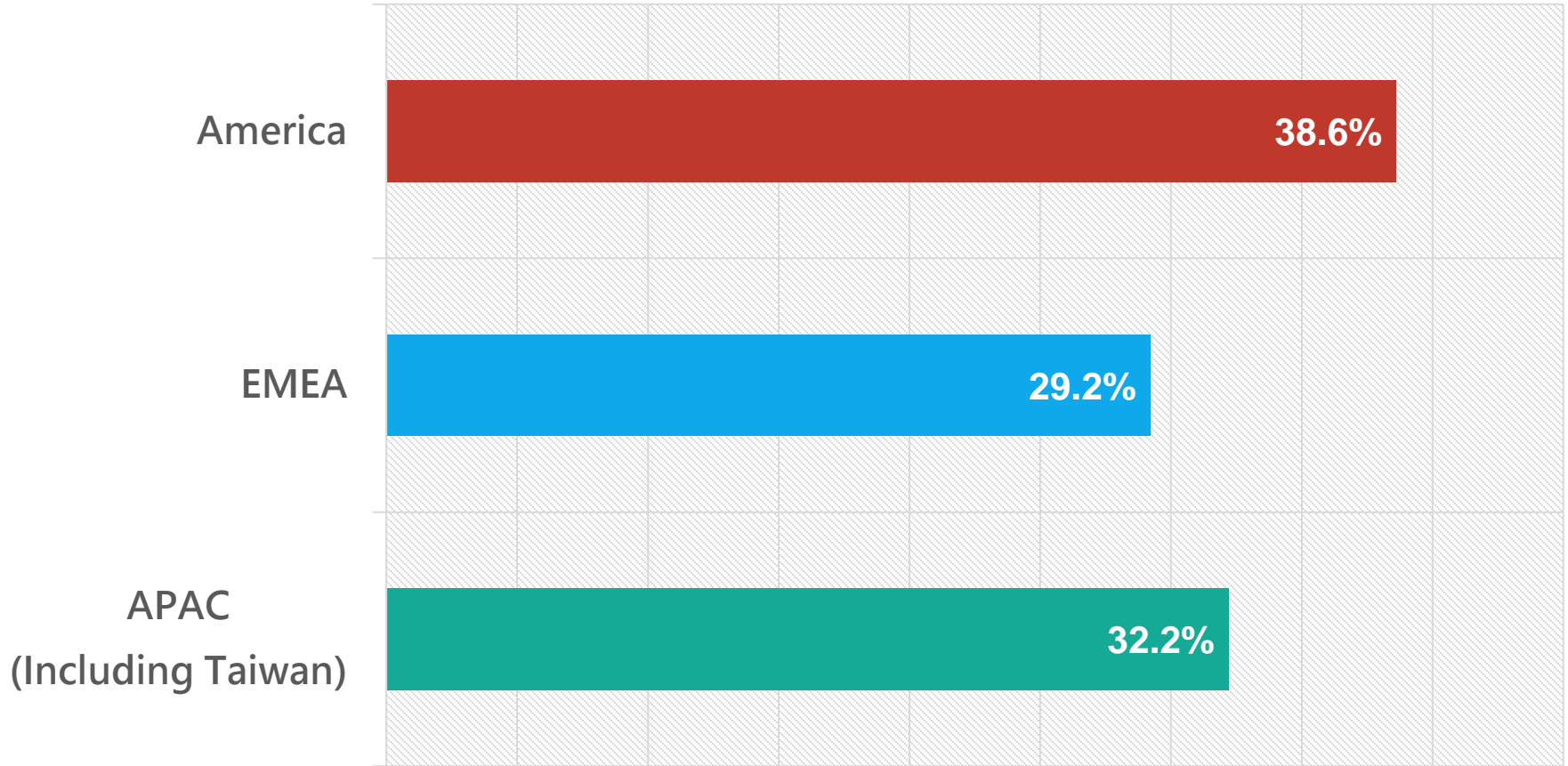
IBASE Product Solutions



# Sales Breakdown – By Application



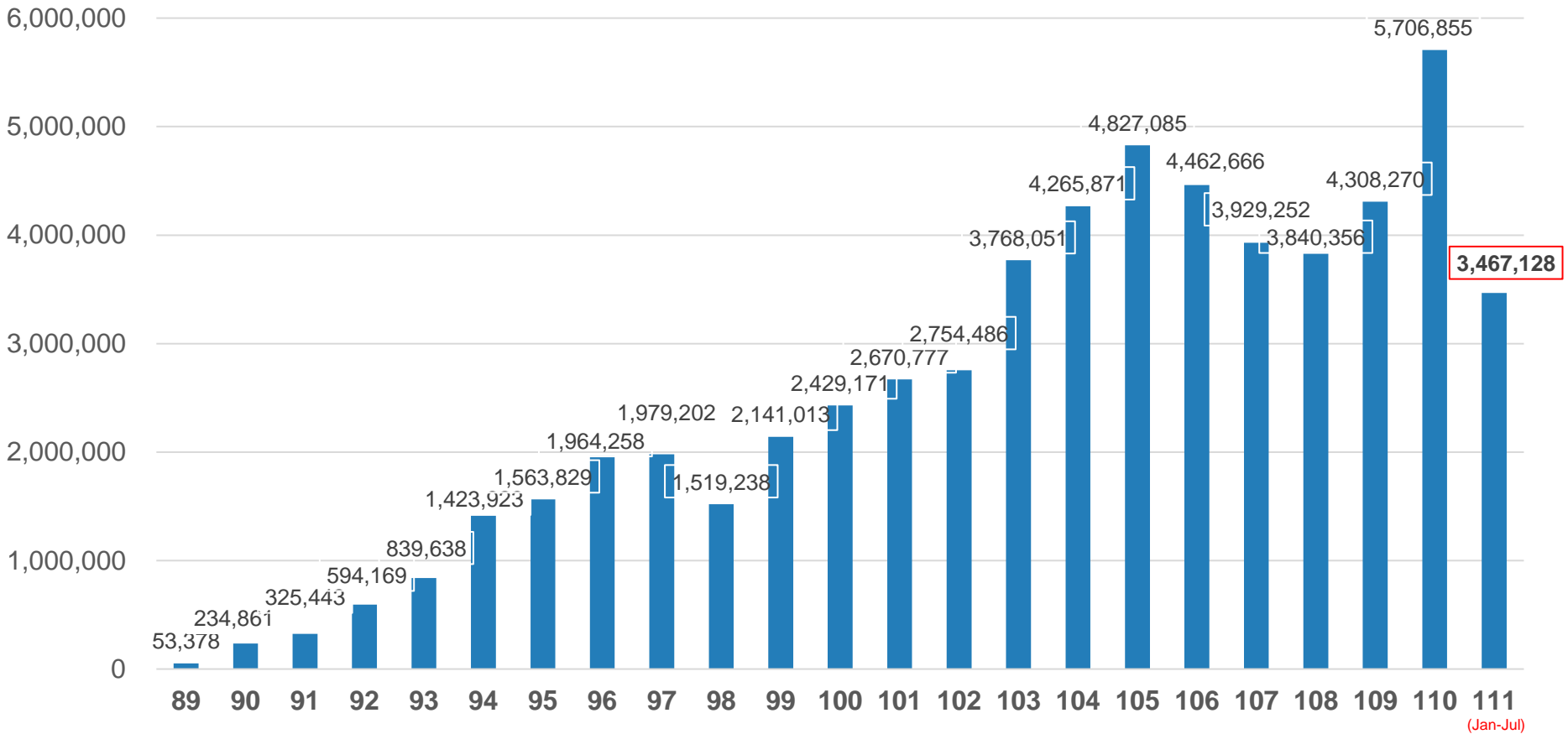
# Sales Breakdown – By Region





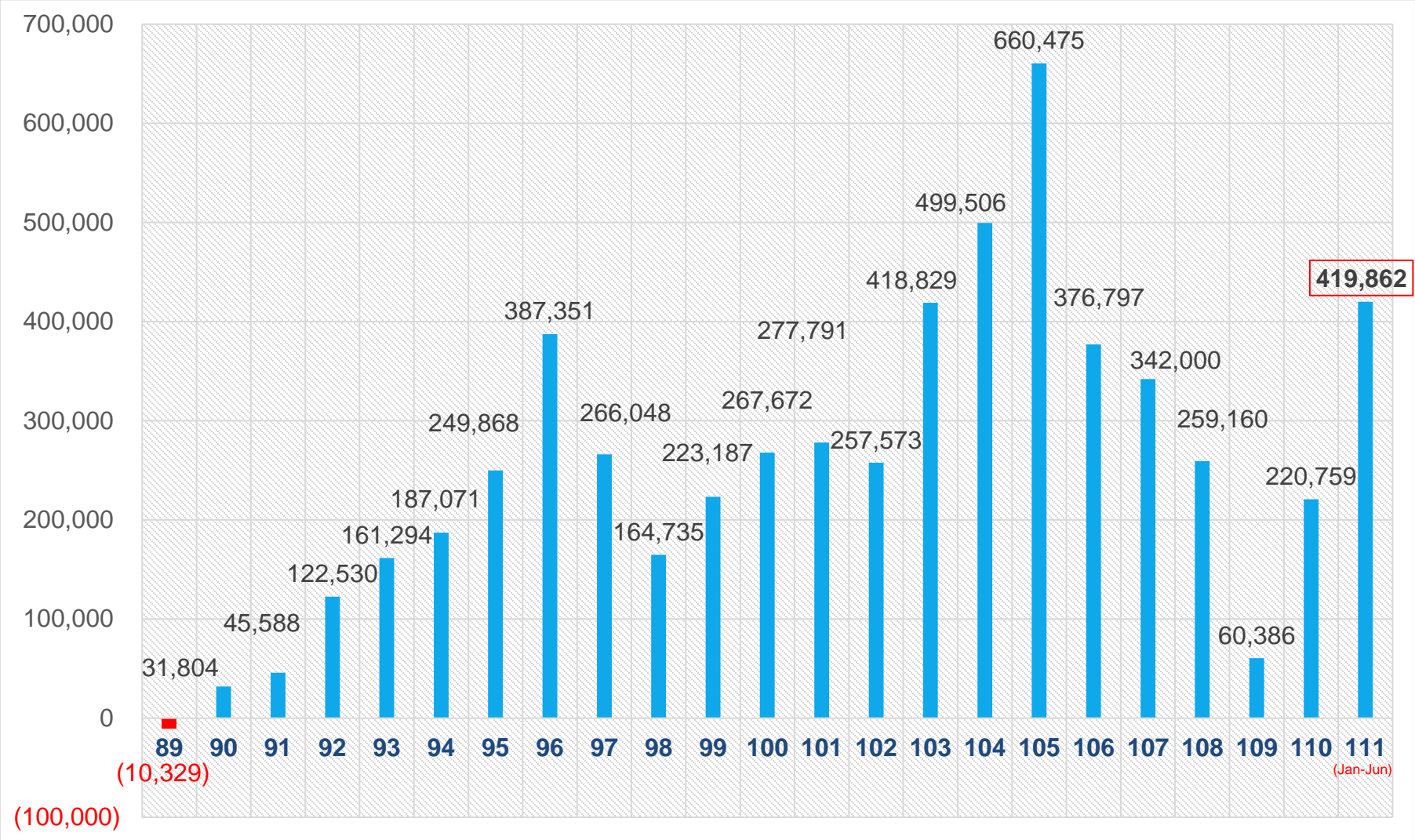
# IBASE Group Revenue (2000 ~ Jan-Jul, 2022)

NTD / Thousands



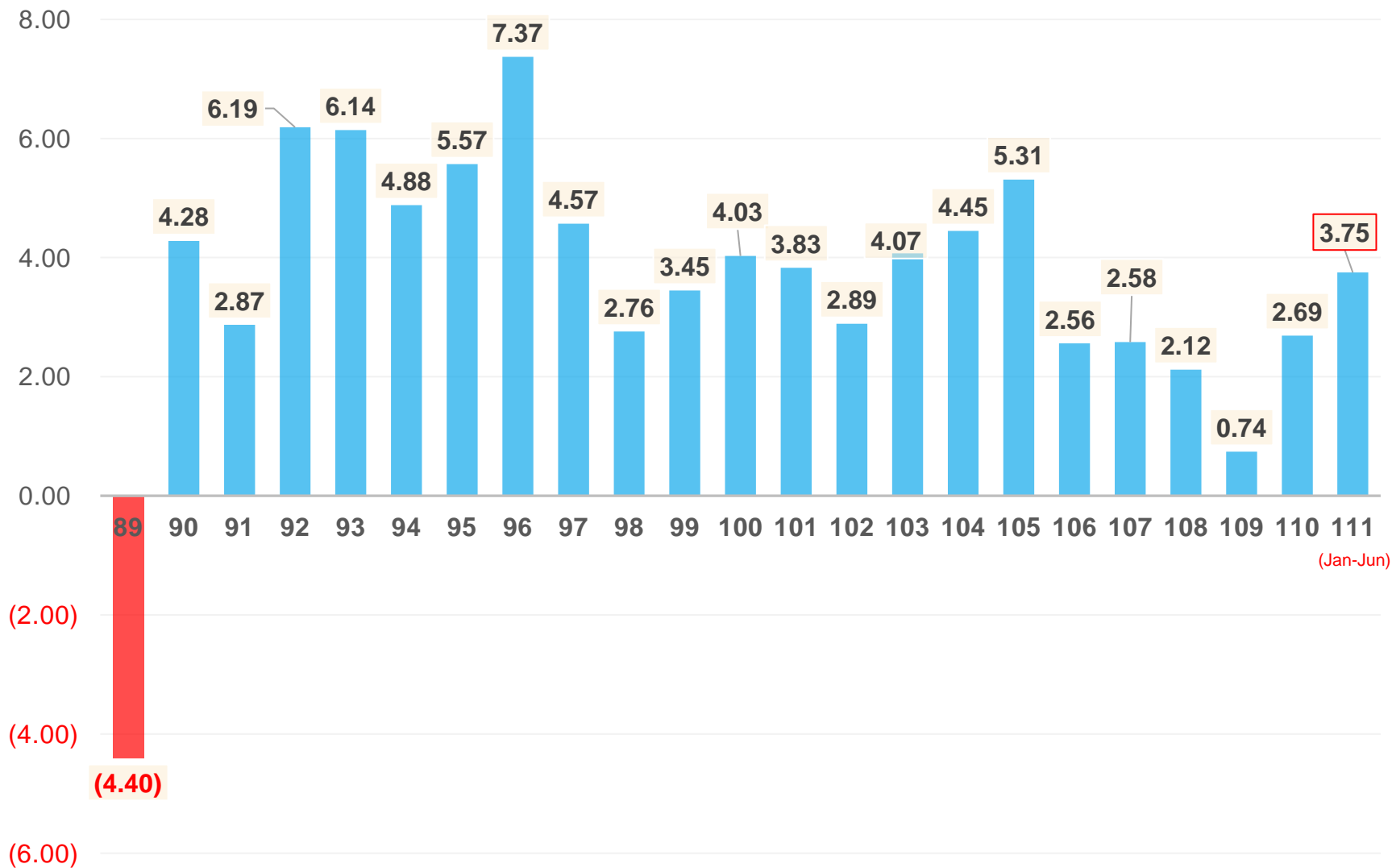
# IBASE Group Net Income (2000 ~ Jan-Jun, 2022)

NTD / Thousands



# IBASE EPS (2000 ~ Jan-Jun, 2022)

NTD / Dollar

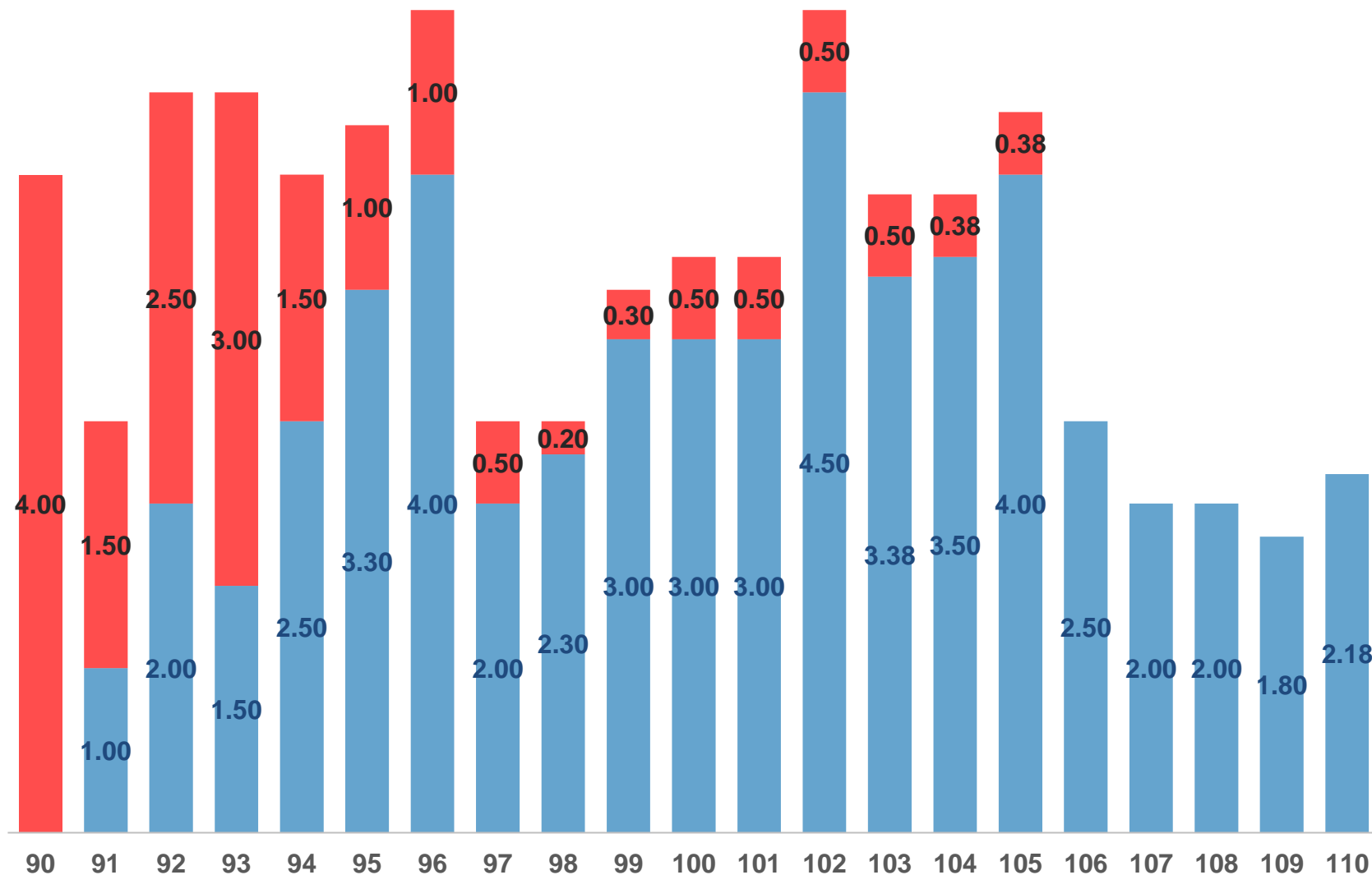




# Dividend Information (2001 ~ 2021)

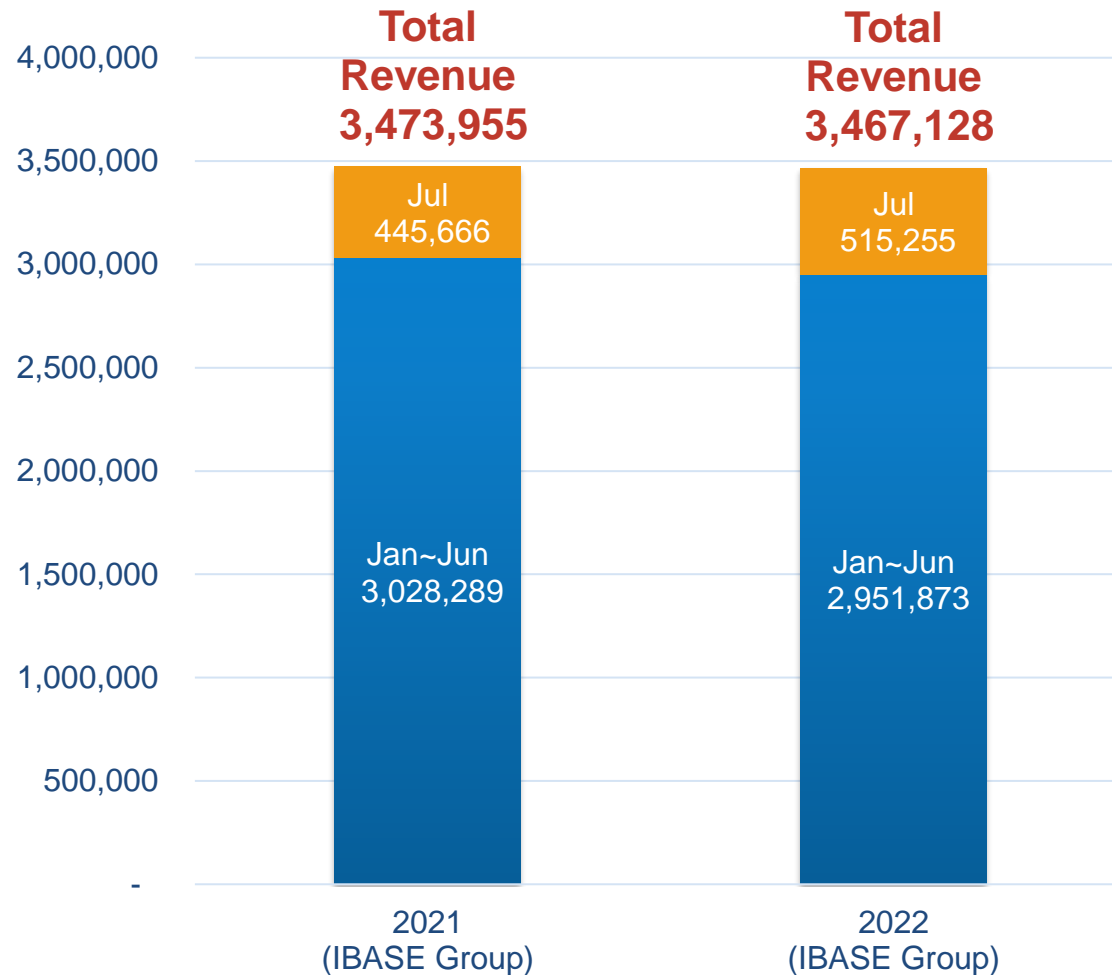
NTD / Dollar

■ Cash Dividend (NT\$) ■ Stock Dividend (NT\$)



# IBASE Group Performance Overview (Jan-Jul, 2021 vs 2022)

NTD / Thousands



IBASE Group  
Jul 2022  
Growth Rate  
**15.61%**



# Prospect H2, 2022

The Industrial Computer (IPC) business is showing strong growth momentum.

Large network communication projects have entered mass production in Q3 that will last in the next 3 to 5 year, making a substantial contribution to the revenue in the second half of the year and in the future.



# Future Prospect

# Future Prospect

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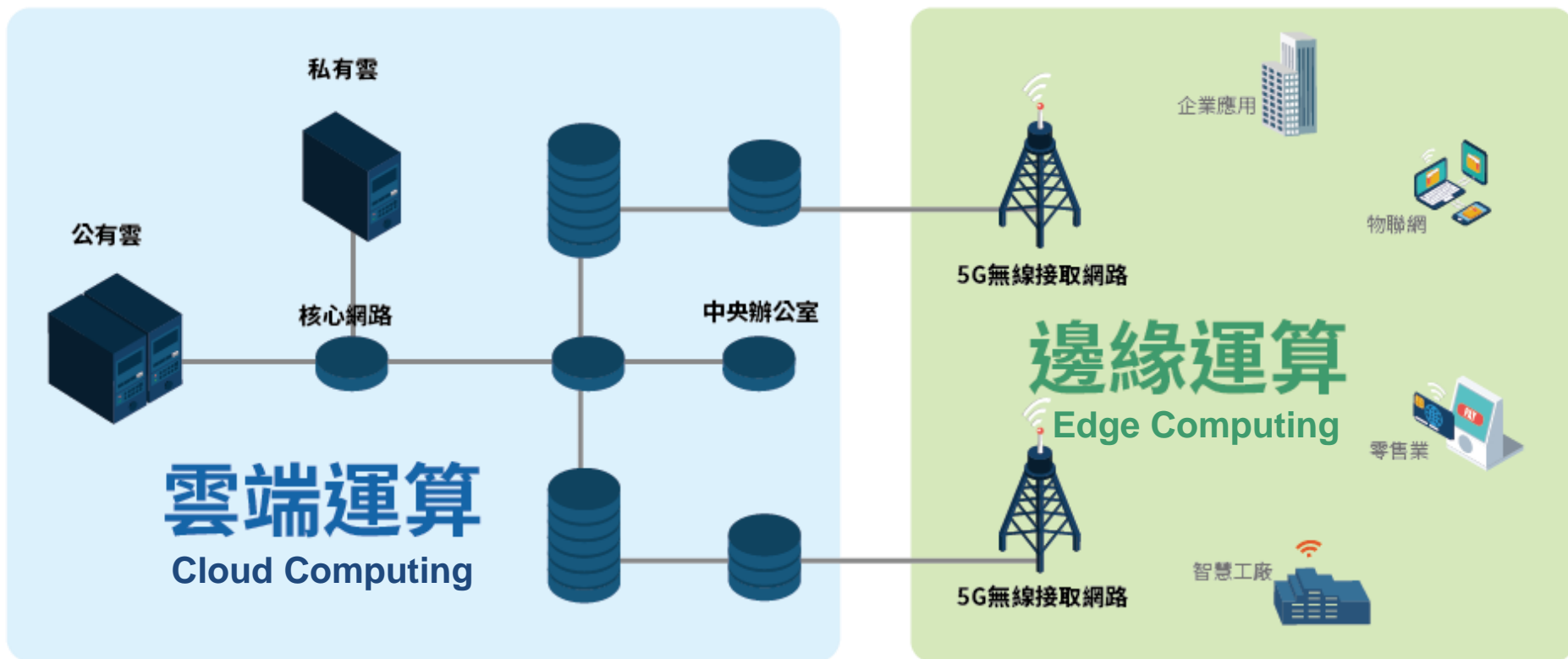
Industry 4.0 automation is booming and unmanned business opportunities are fast developing.

Shipments of products from several large-scale projects are about to begin one after another and will continue up to 3 to 5 years, adding a decent share to the overall revenue.

Due to geopolitical tensions such as the war between Russia and Ukraine, the recovery of the European and global economies is very much affected, which is at present a big variable for us.

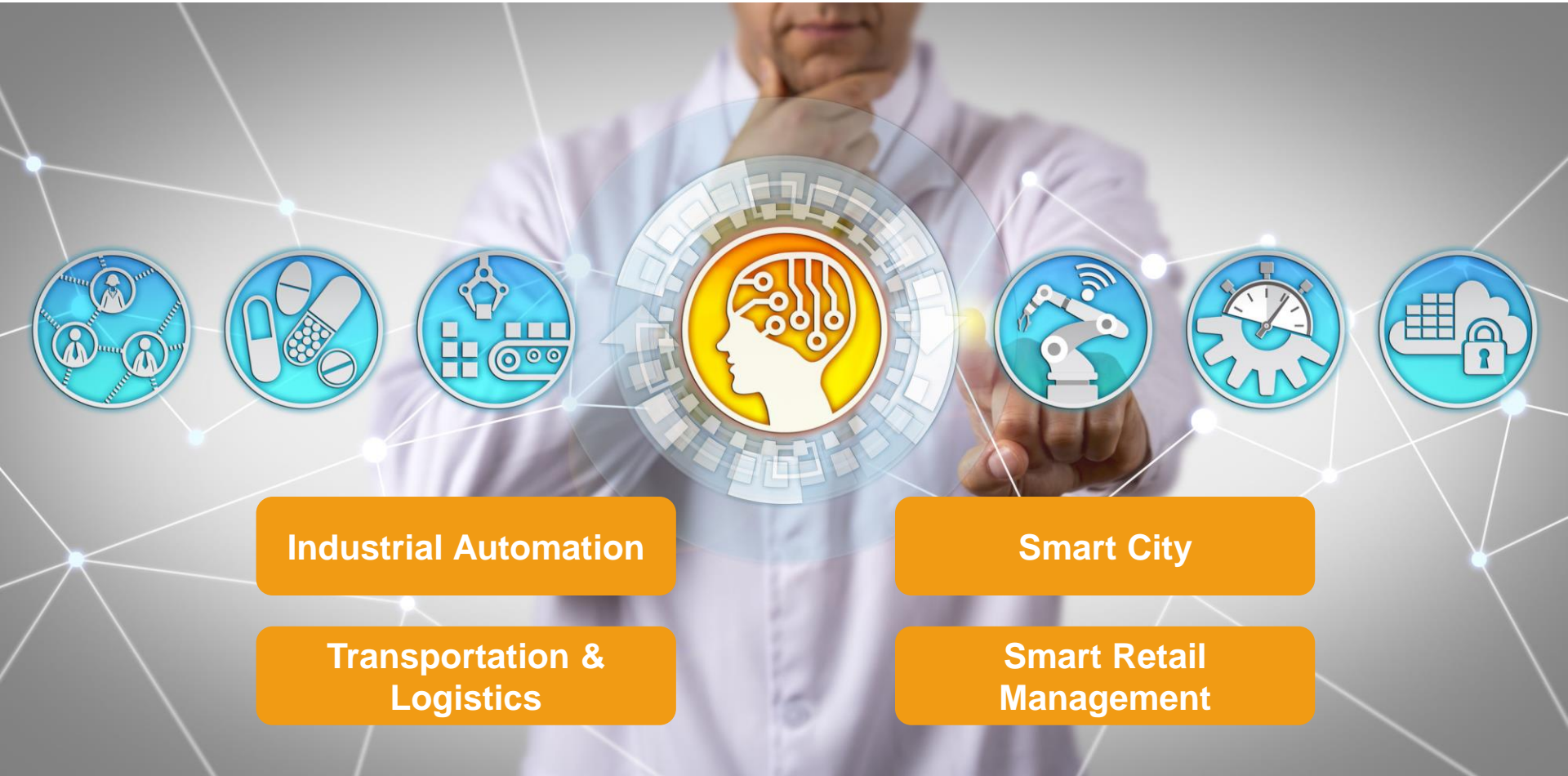
# Future Opportunities

## Network Communications



# Future Opportunities

## AIoT



**Industrial Automation**

**Smart City**

**Transportation &  
Logistics**

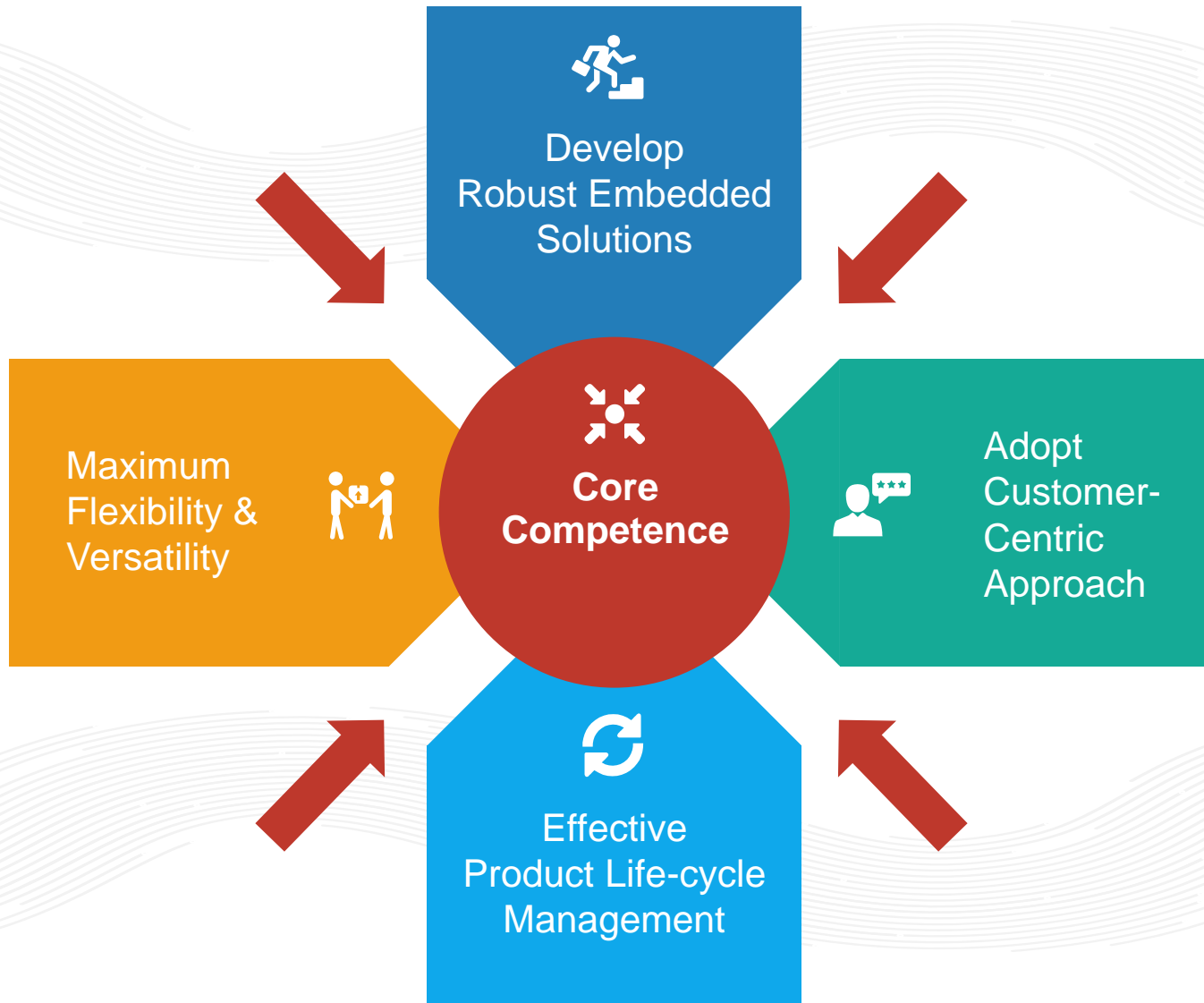
**Smart Retail  
Management**





# R&D Capabilities

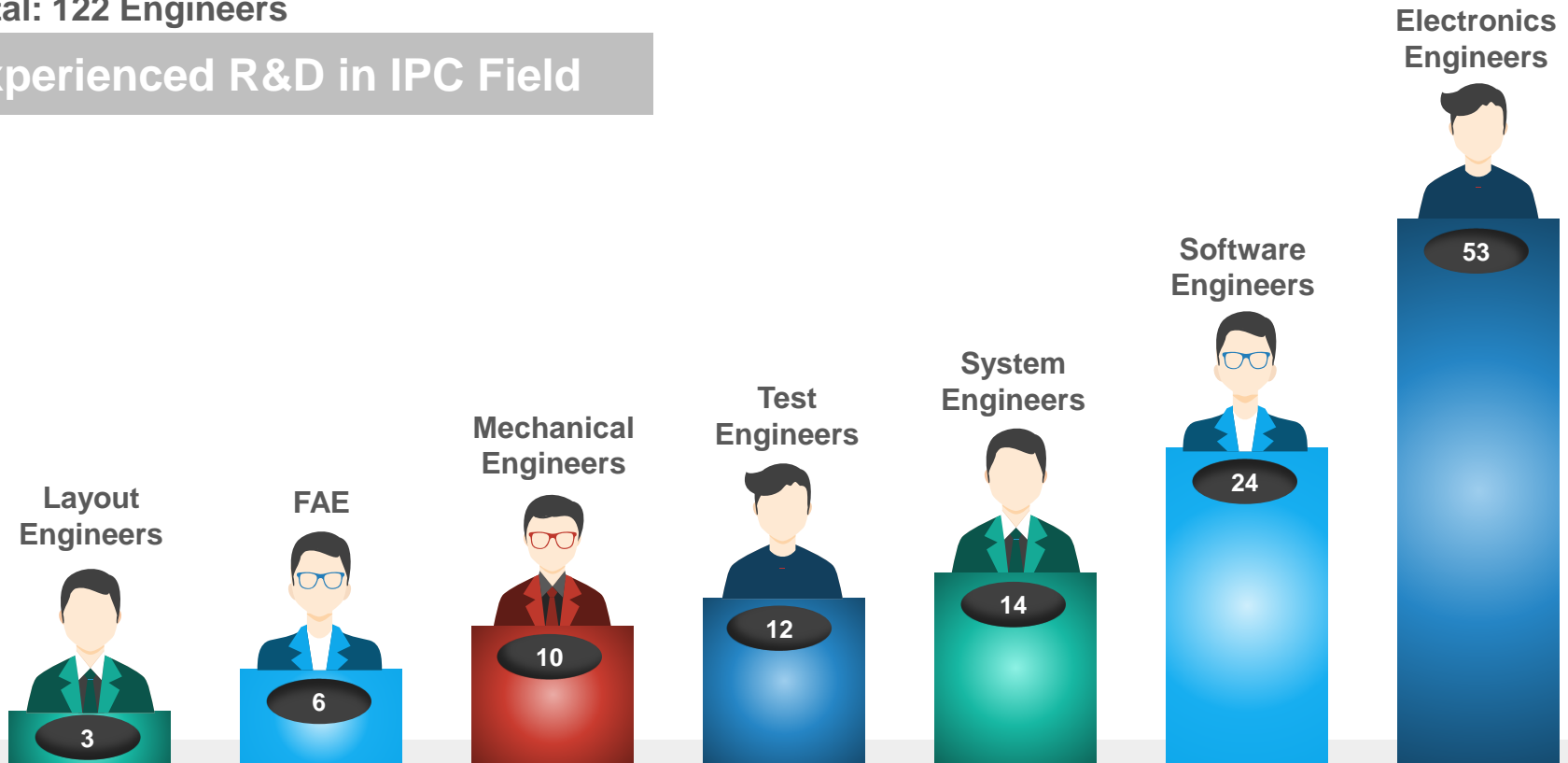
# Core Competence



# R&D Manpower Allocation

Total: 122 Engineers

Experienced R&D in IPC Field



# Product Development Capabilities



Safety &  
Regulation  
Certifications

6

1

Electronic  
Design



Customized  
Test Plan

5



Hardware  
Capabilities

2

Mechanical  
Design



Signal Integrity  
Analysis

4

3

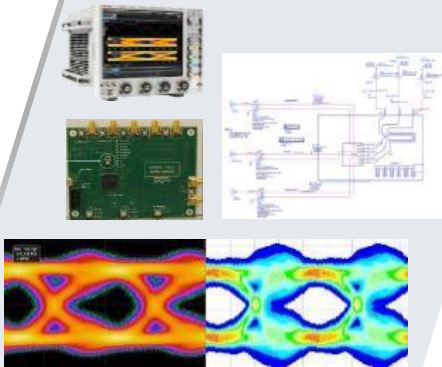
Thermal Design



# Advanced Hardware Simulation Tools

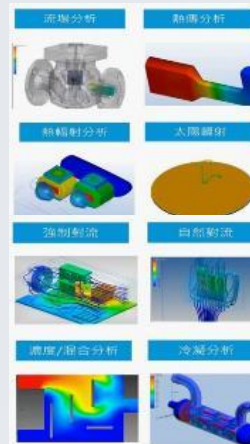
## Signal Integrity Simulation Tool (for Board)

Keysight  
Advanced Design System



## Thermal Simulation Tool (for System)

Autodesk  
CFD Advanced

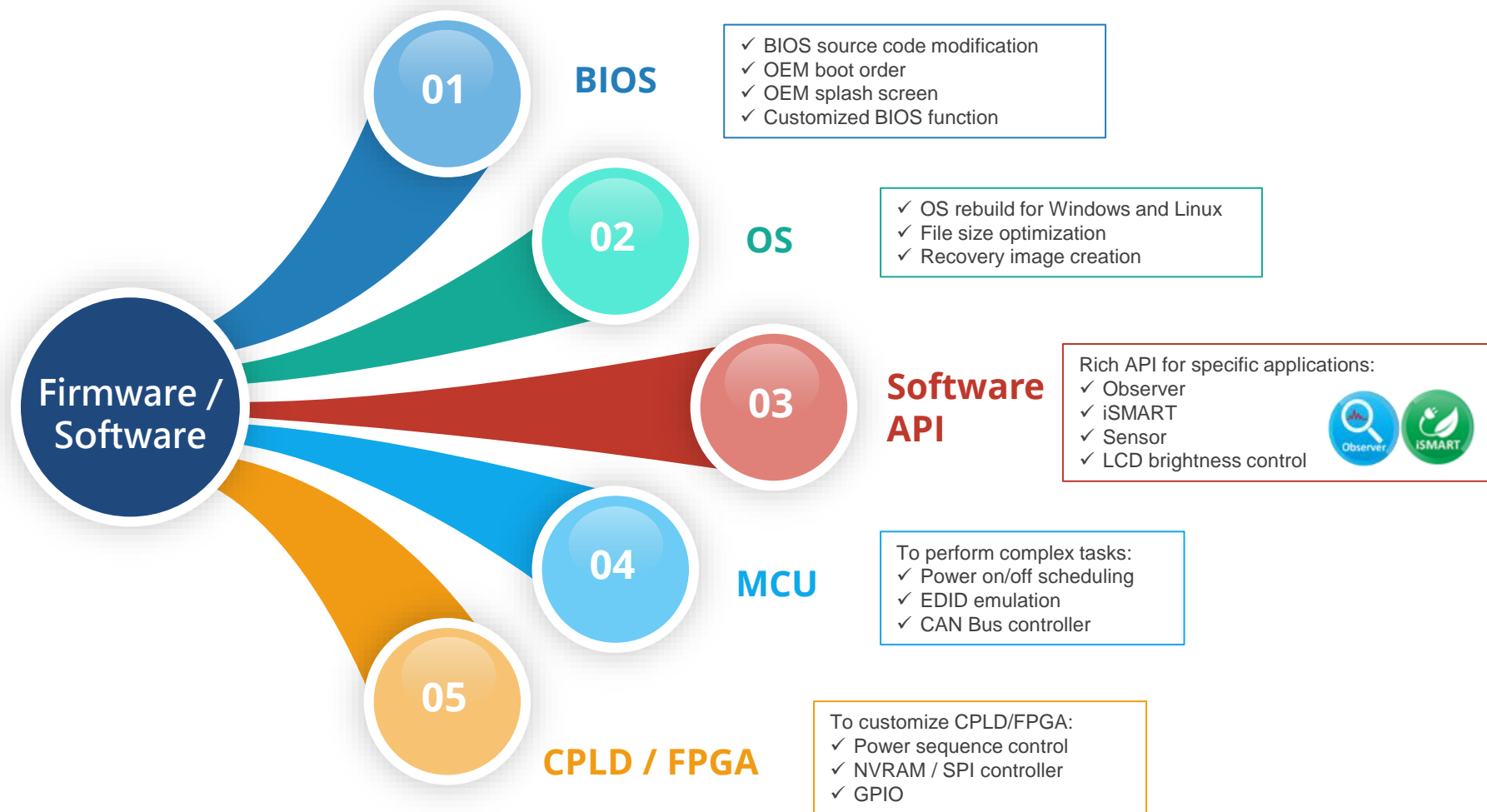


## Digital and Mixed Signal Oscilloscopes

Tektronix  
MSO/DPO70000 Series



# Software Development Capabilities



# Third-Party Award-winning Recognitions



Taiwan Excellence

22



iF Product Design

3

7

Computex d&i



Best Choice

3

1

VDC Vendor Satisfaction Gold Award



Total: 36 Awards



# — Products & Services Introduction



# Edge AI Computing Solutions

## Intel Platform

Embedded System



## AMD Platform

Embedded System



## NVIDIA Platform

Embedded System



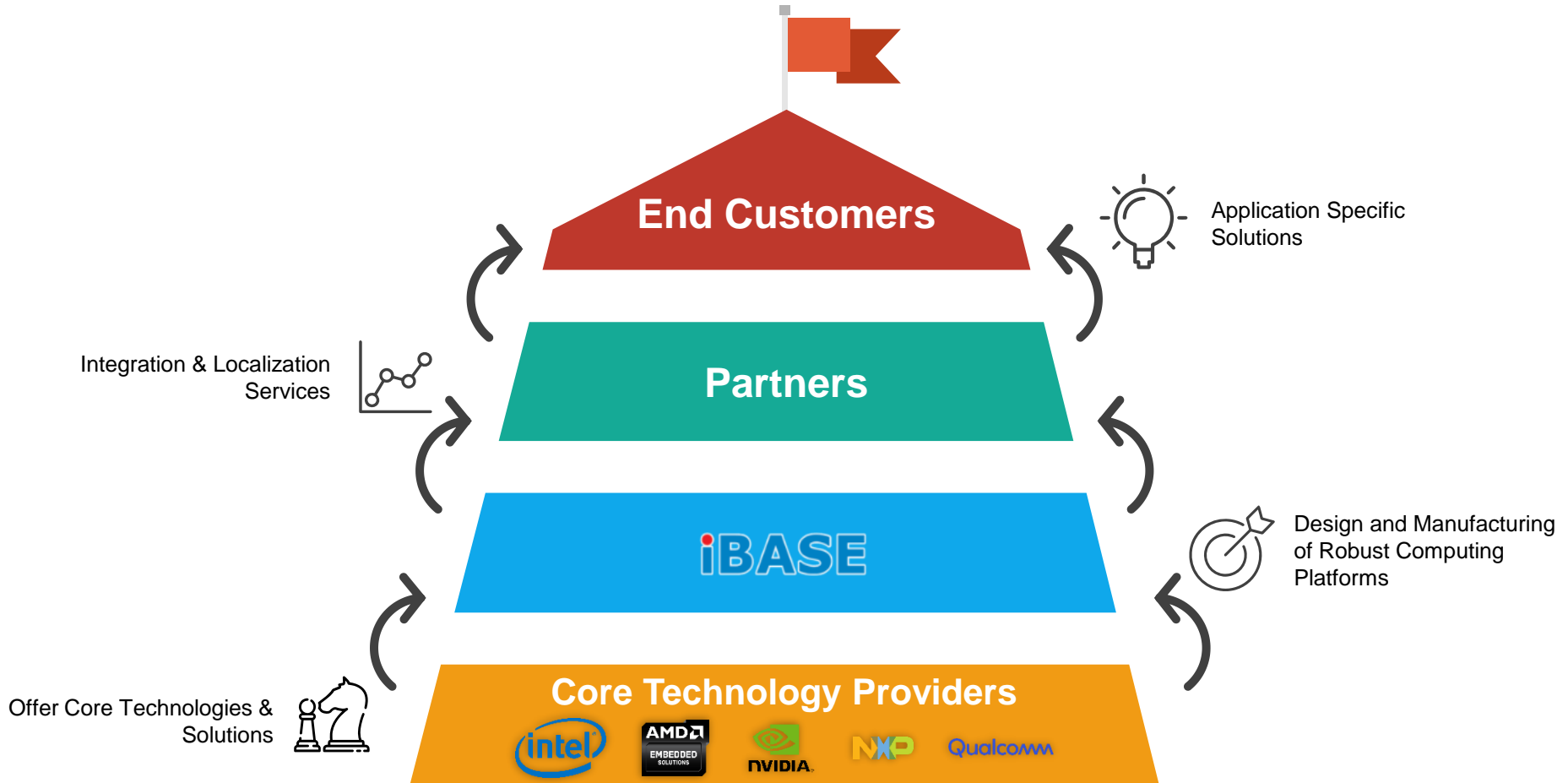
## Qualcomm Platform

SMARC CPU Module



# Strategic Partnership

## Strategic Alliance with Suppliers and Partners



# IBASE Off-the-Shelf Products

## Embedded Computing

3.5" SBC, Mini-ITX, ATX, COM Express, ETX, CPU Cards



## Intelligent System

Fanless Systems, IoT Gateway Computers, Industrial AI Computers



## Panel PC

Stainless Steel, Open Frame & Fanless Panel PCs



## Digital Signage Player

Entry-level, Mid-range, Extreme Performance & Outdoor Players



## Network Appliance

2U/1U Rackmount & Desktop Appliances



## RISC Platform

RISC SBCs & ARM-based IoT Gateway Computers

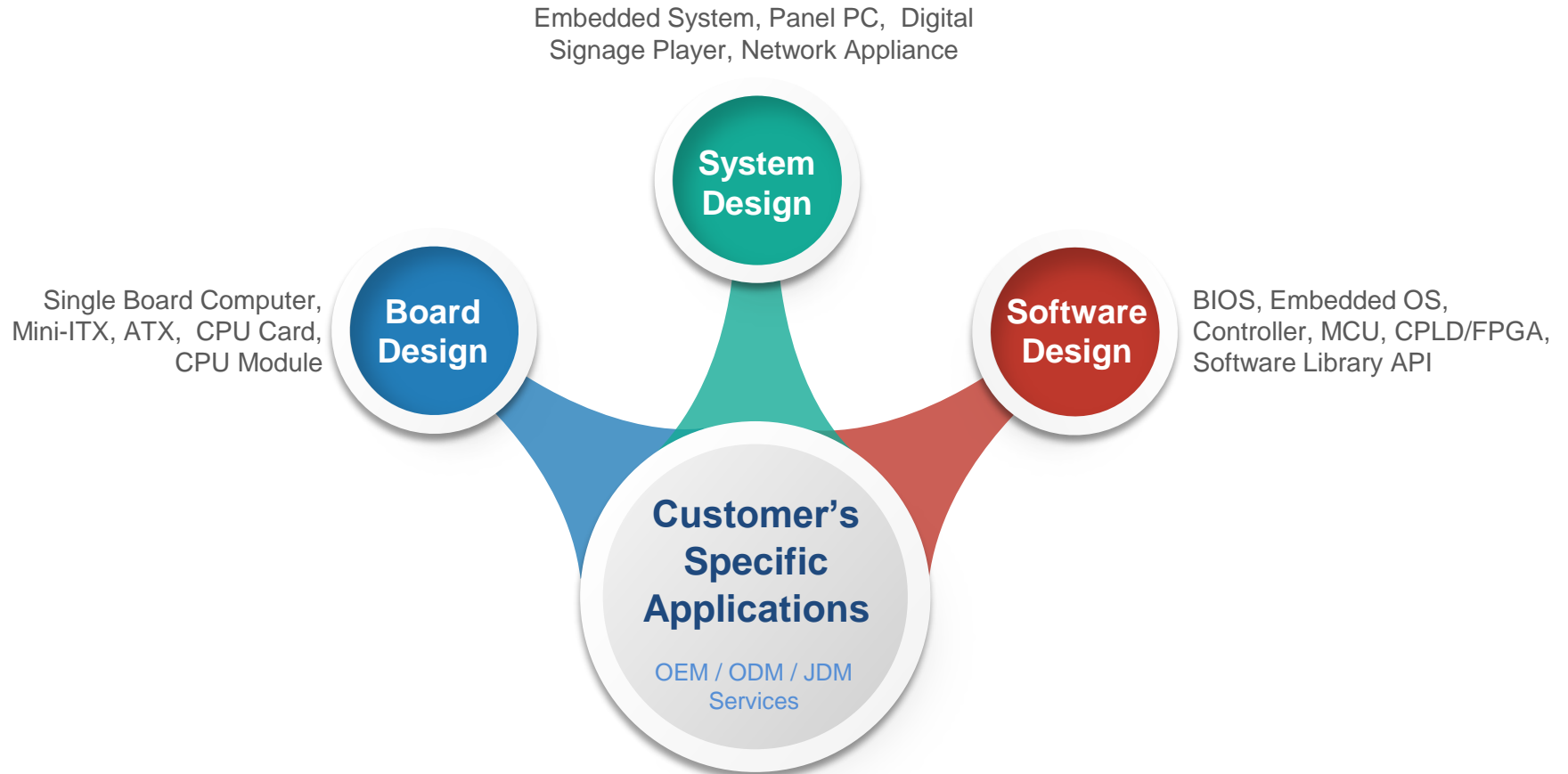


## Intelligent Transportation

Railway Computers & In-Vehicle Computers



# Product Customization Services





# Success Stories

# Success Story – Smart Factory Application

## AMR Management

### Autonomous Mobile Robot



**Powered By**  
ASB200 Embedded System



# Success Story – Smart Factory Application

## AOI Inspection

### Automatic Optical Inspection System



**Powered By**  
AMI221 Fanless System



# Success Story – Medical AIoT Application

## 3D Endoscopic Surgery

### 3D Visualization System



Powered By  
IBASE ODM System





## Parking Management

### Smart Parking Meter



Powered By  
IBASE ODM Board + System  
Assembly



# Success Story – Smart Retail Application

## Drive-In Menu Board

### Outdoor Ordering System



Powered By  
IDOOH-210-IR Panel PC



# Success Story – Smart Retail Application

## Outdoor Signage

### Self-service Electric Vehicle Charging Station Signage



Powered By  
SI-12 Digital Signage Player



# Success Story – Smart Retail Application

## Airport AD Video Wall

### Advertising Video Wall Signage



Powered By  
SI-60E Video Wall Signage Player



# Success Story – Smart Retail Application

## Digital Advertising Board

### Shelf Edge Display Signage



Powered By  
SI-613 Digital Signage Player



# Success Story – Smart Retail Application

## IoT Energy Management

### IoT Energy Management Platform



**Powered By**  
OFP-151-PC-NVK Panel PC +  
Novakon iFACE Designer Software

4-in-1 Management System:  
Freezers, Air Conditioning, Lighting & Power

# Success Story – Network Security Application

## Data Center Firewall

### Network Security Appliance



**Powered By**  
FWA8506 1U Network Appliance





