



# **IBASE COMPANY PROFILE**

November 2014

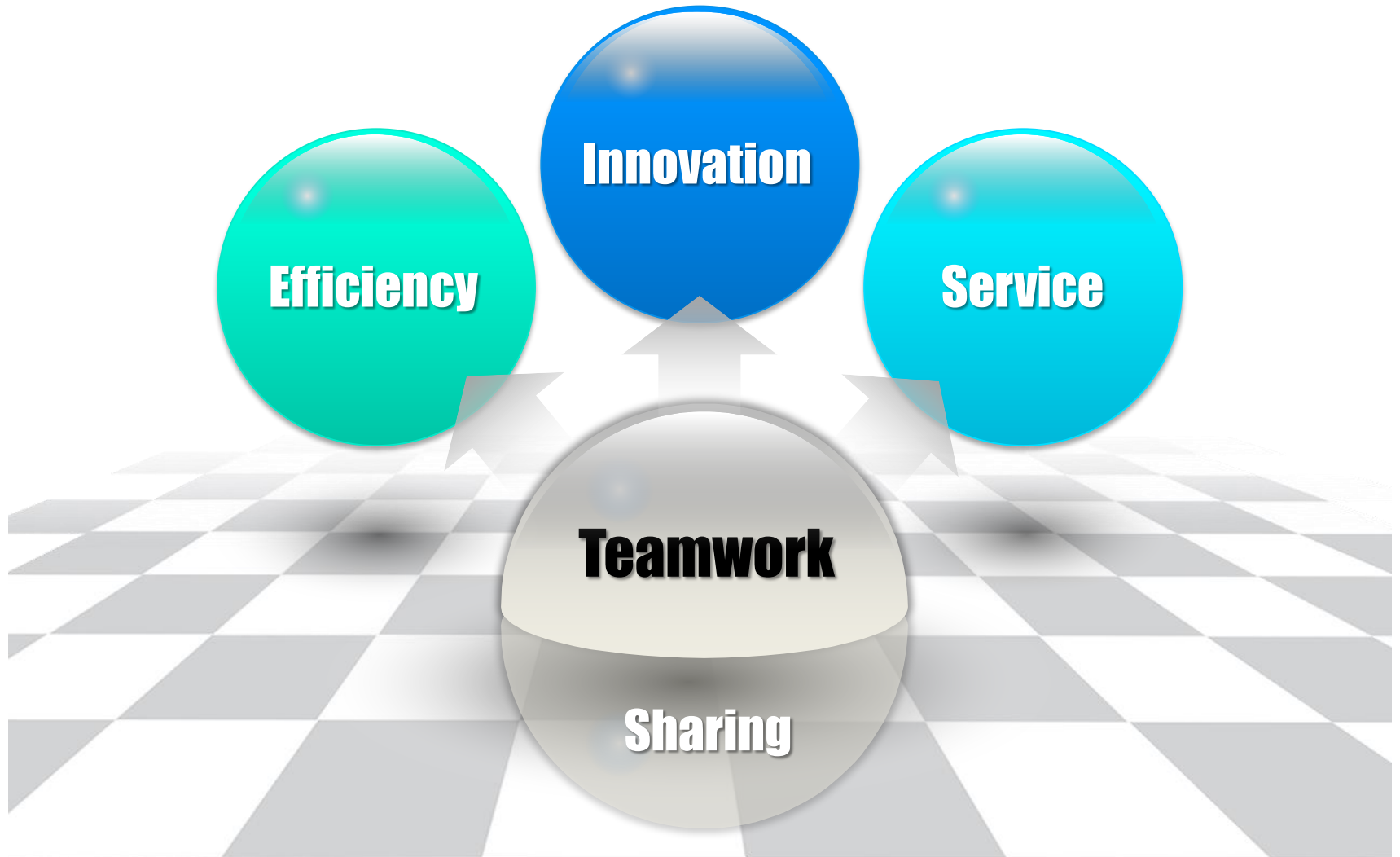
# Company Snapshot

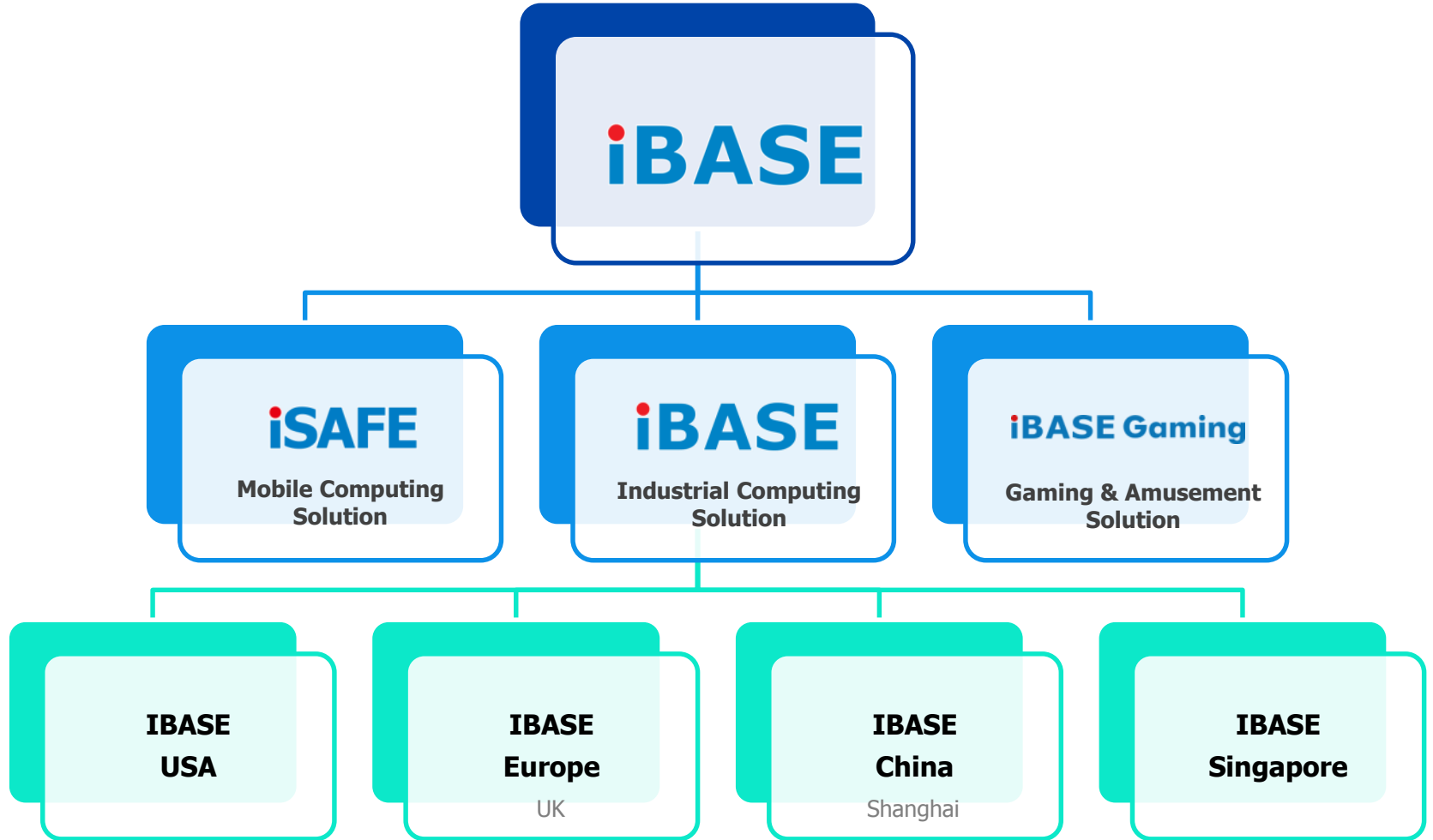
## Profile

<b>Founded</b>	February 2000
<b>Location</b>	Taipei, Taiwan
<b>President</b>	C. S. Lin
<b>Capital</b>	US\$33.5M
<b>Employee</b>	540 (Worldwide)
<b>Stock Quote</b>	TASDAQ 8050 (Since 2003)
<b>Global Operations</b>	Taiwan(HQ), USA, UK, China, Singapore
<b>Core Activities</b>	Design and Manufacturing Robust Industrial Computing Platforms
<b>Product Lineup</b>	Industrial Motherboard Embedded and Stand-alone System Digital Signage Player Industrial Panel Computer Network Security Appliance Mobile Computing Solution (ISAFE) Gaming Solution (IBASE GAMING)

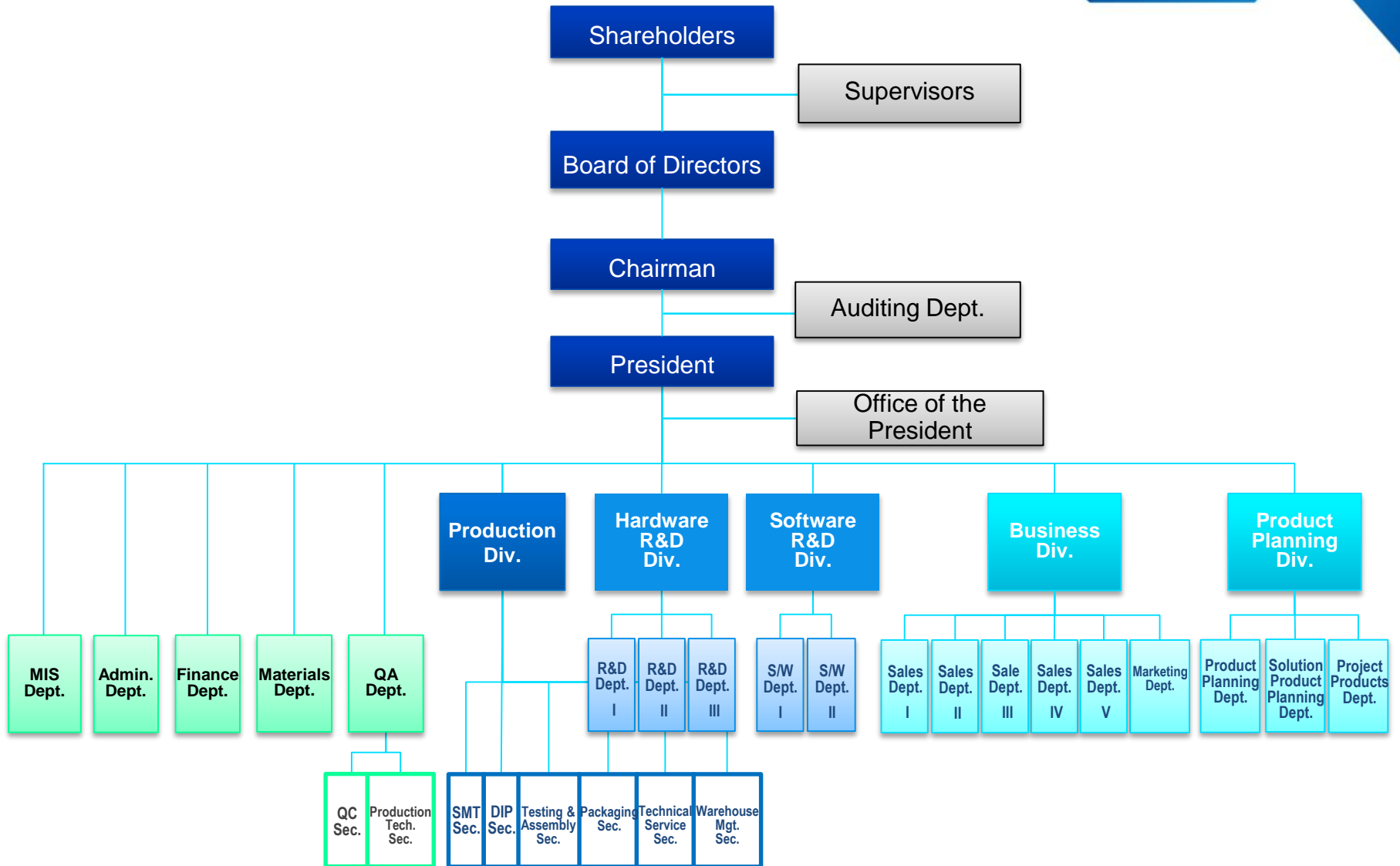


# IBASE Philosophy

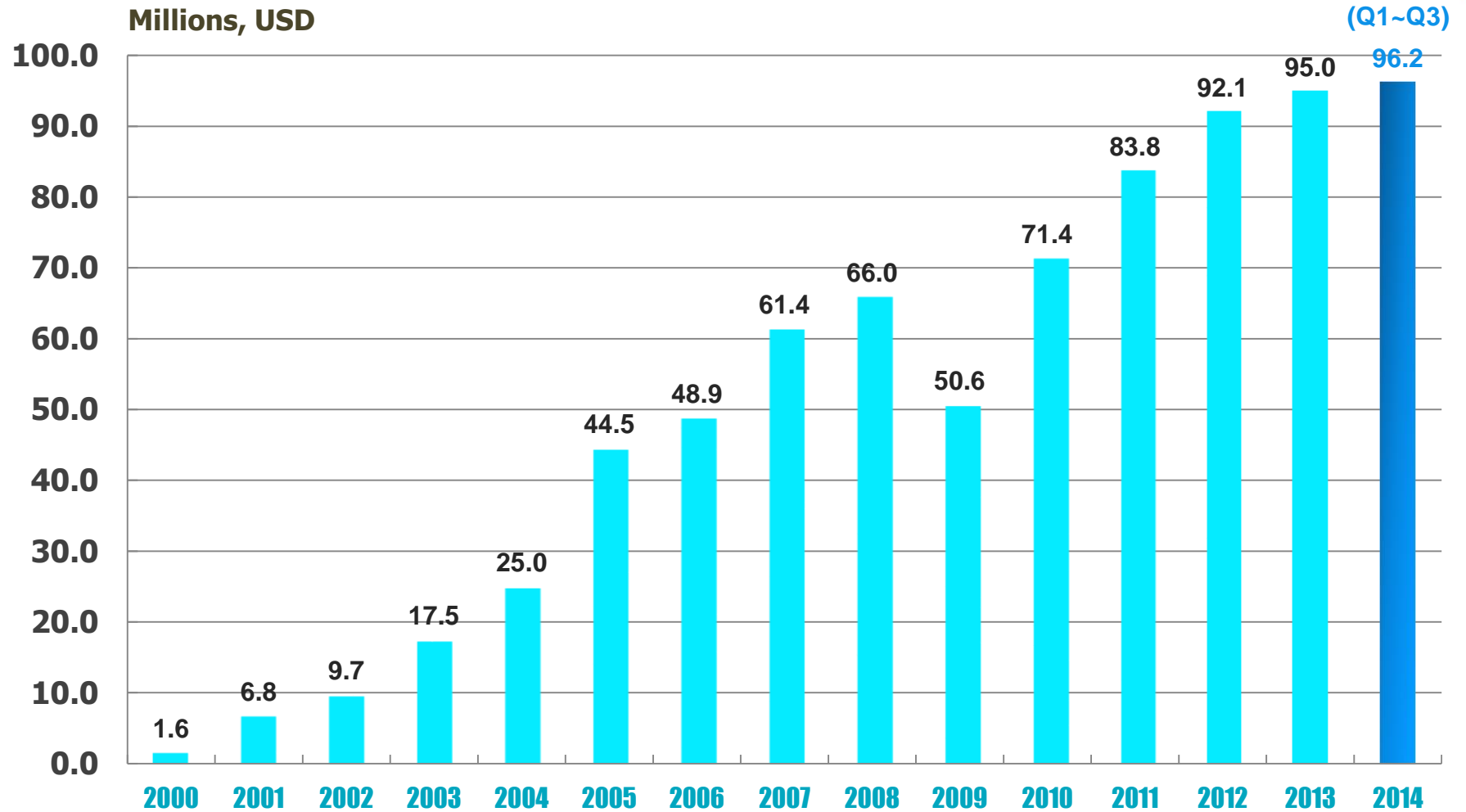




# Organization Chart

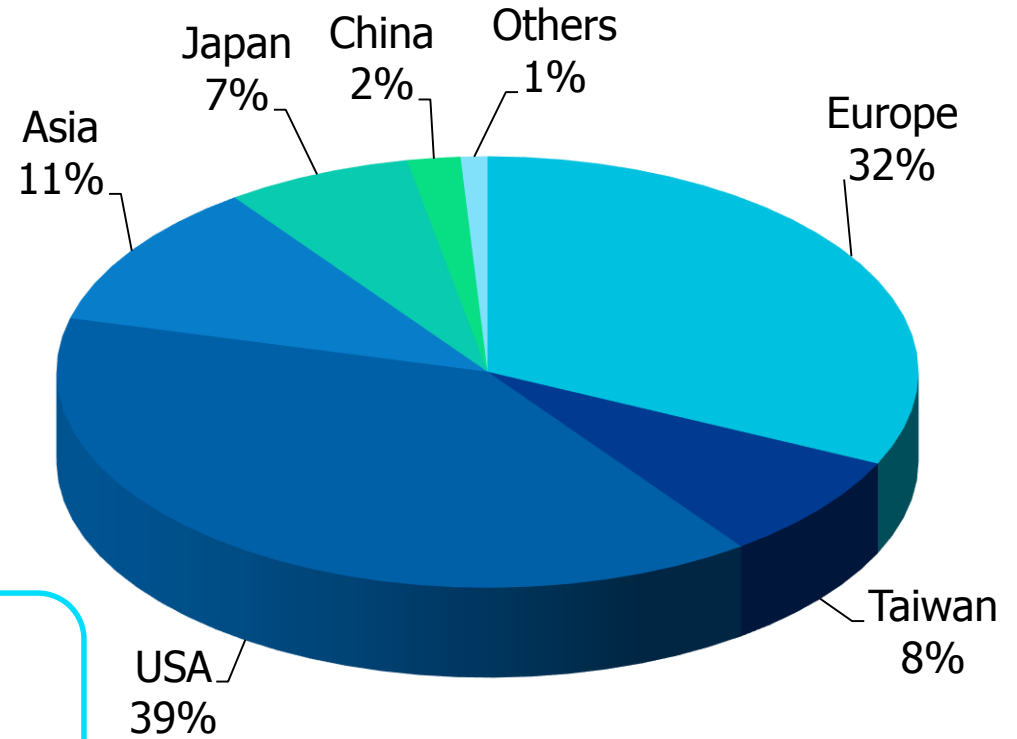


# Sales Revenue

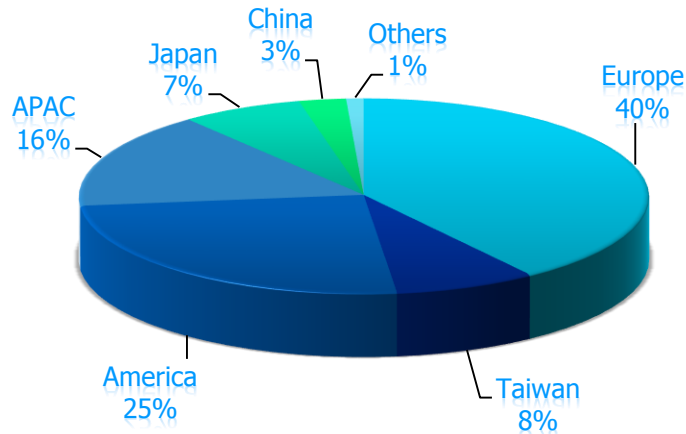


# Q1~Q3, 2014 Sales Breakdown by Region

IBASE Group

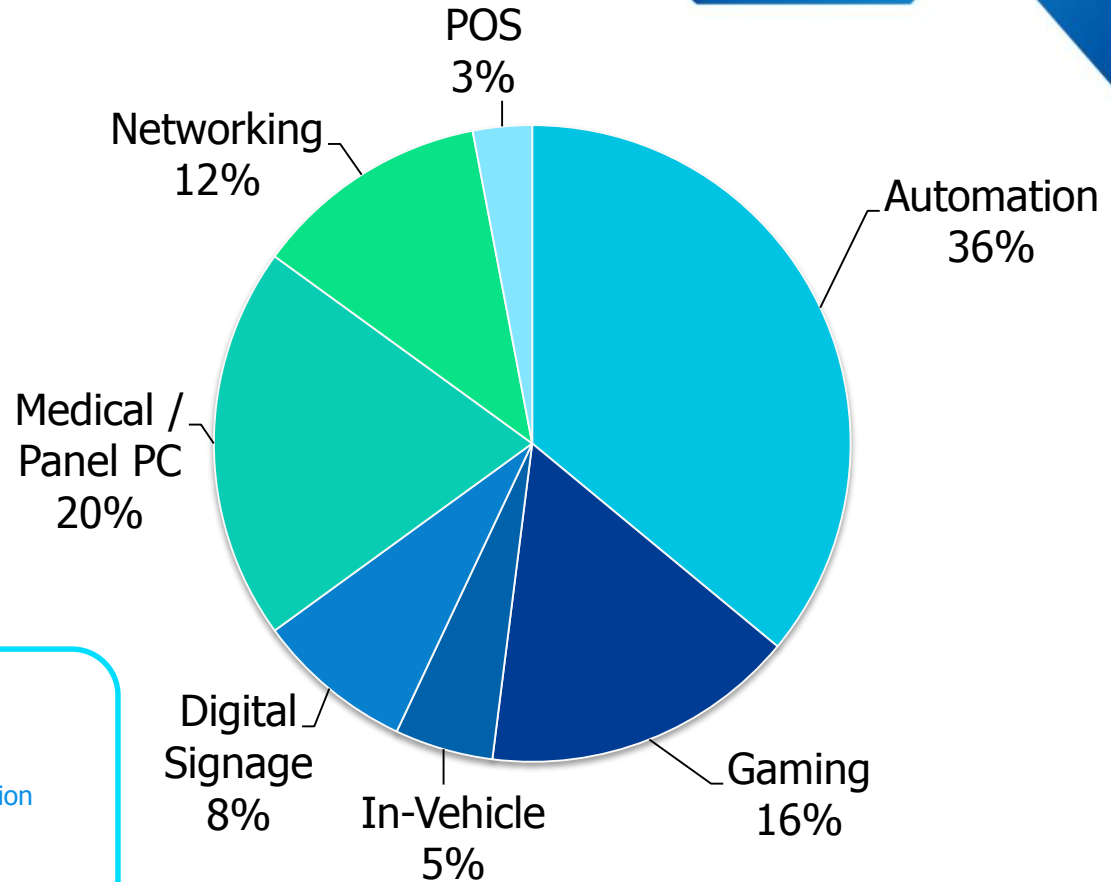


2013 Sales Breakdown by Region

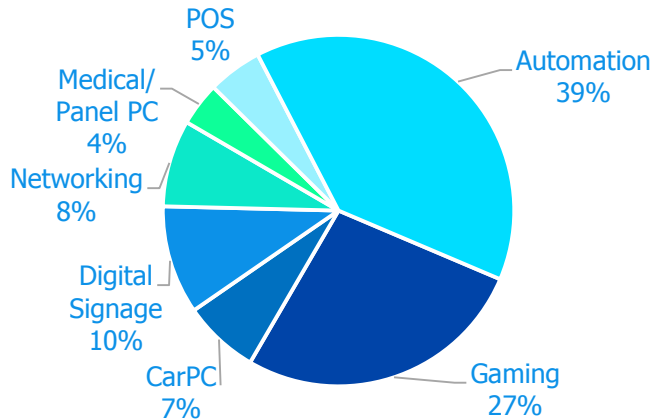


# Q1~Q3, 2014 Sales Breakdown by Application

IBASE Group



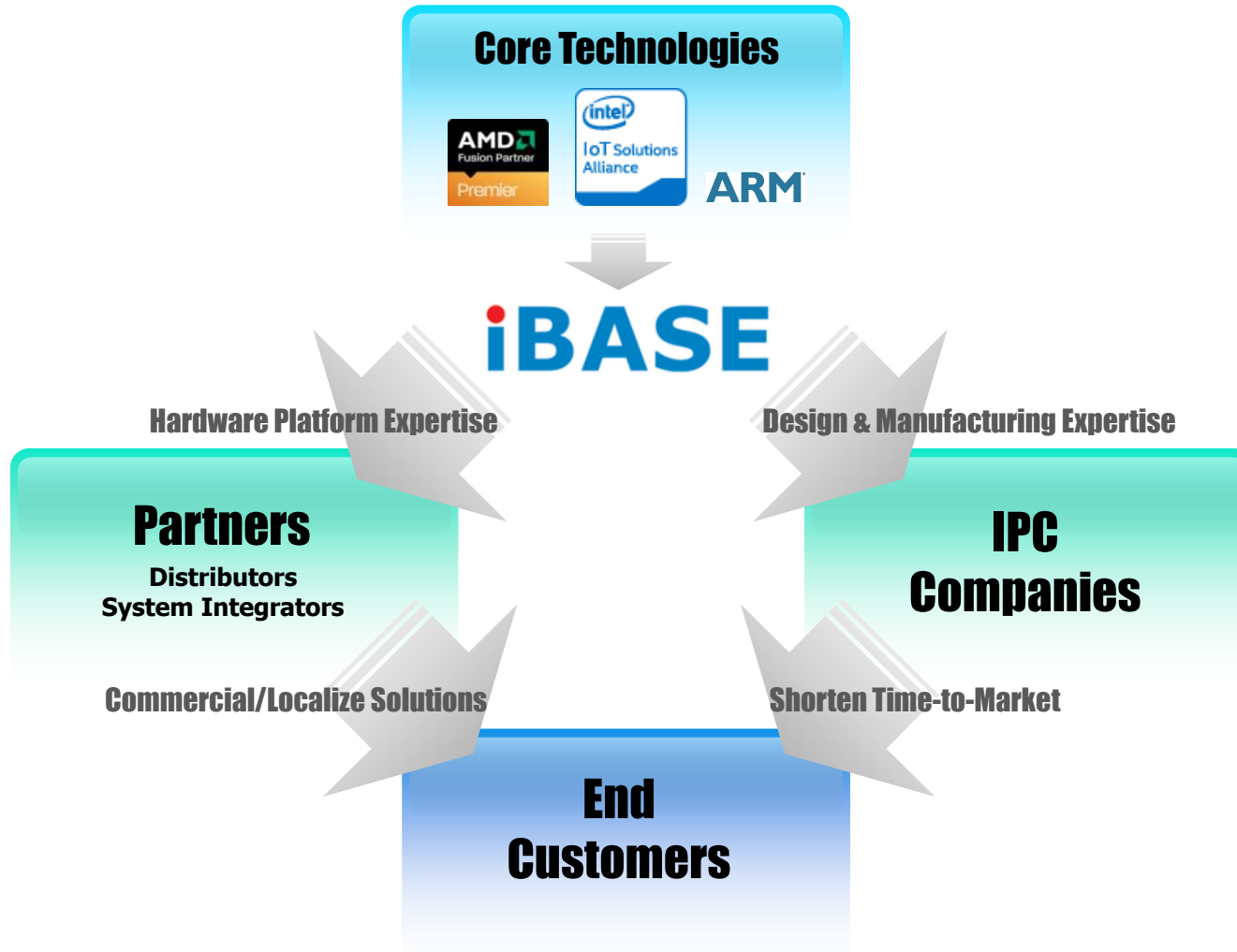
2013 Sales Breakdown by Application





# Strategic Alliances

## Strategic Alliance with Suppliers and Partners



# R&D Capabilities

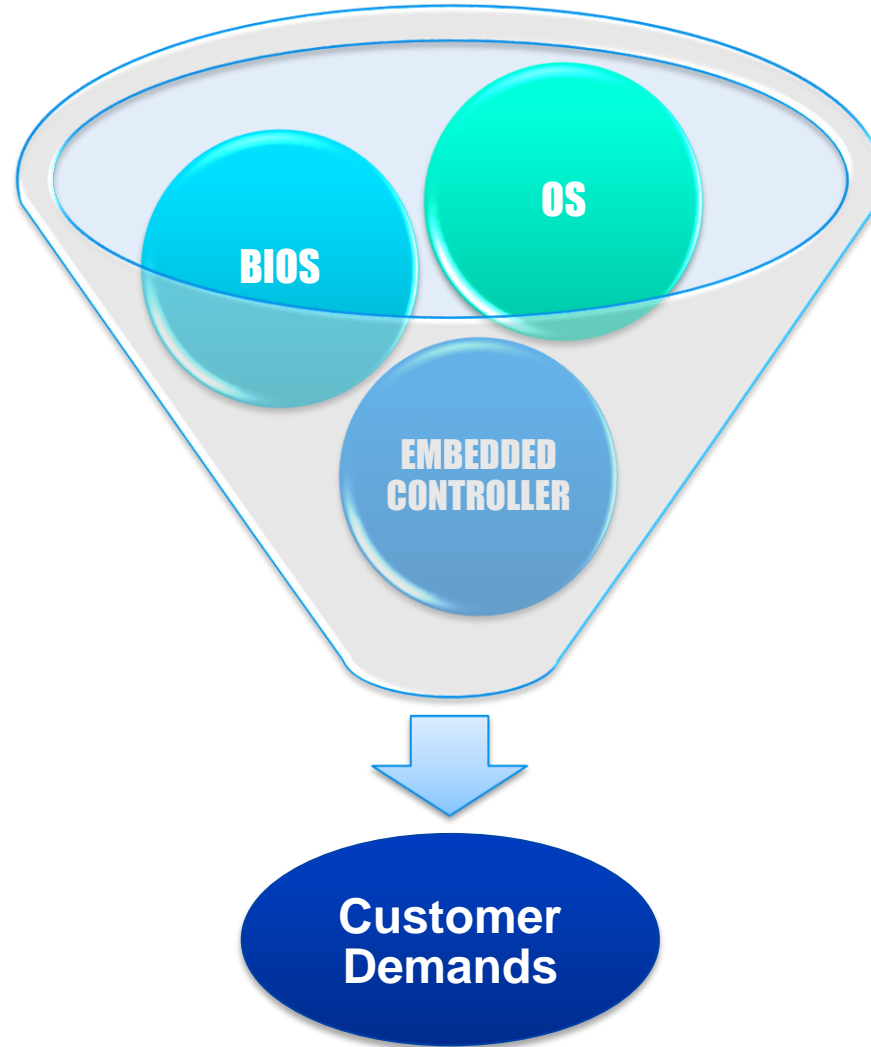
# R&D Capabilities



# Hardware Capabilities



# Software Capabilities



# iSMART Technology

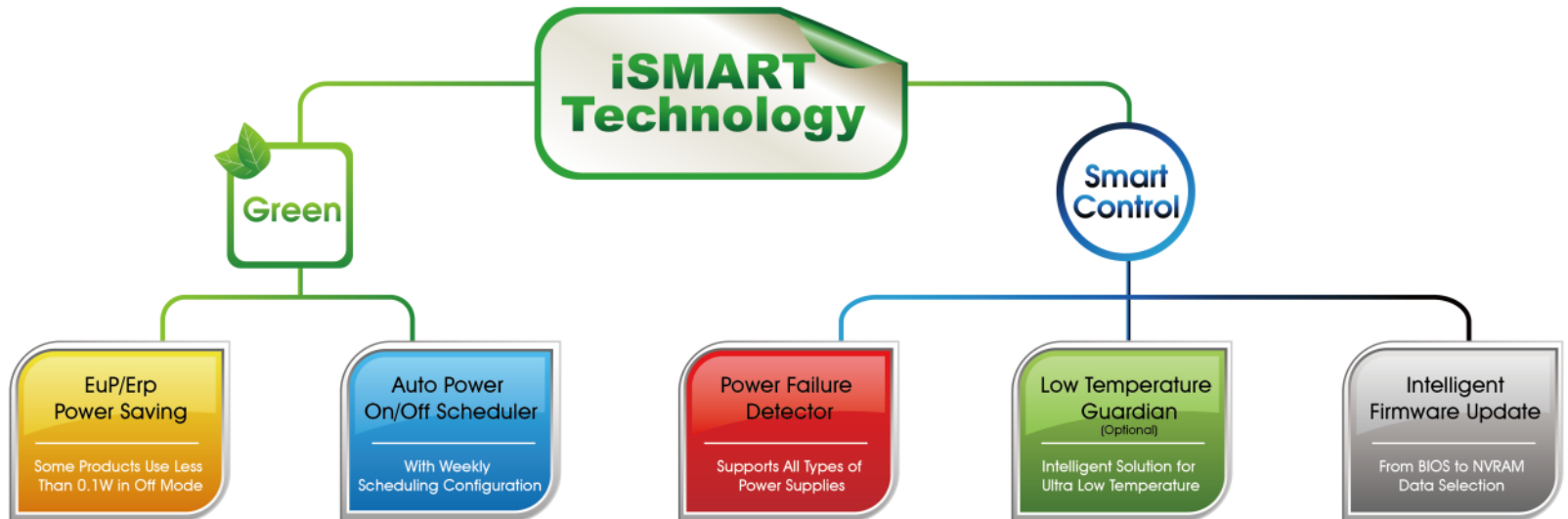
EuP/Erp Power Saving

Auto Power On/Off Scheduler

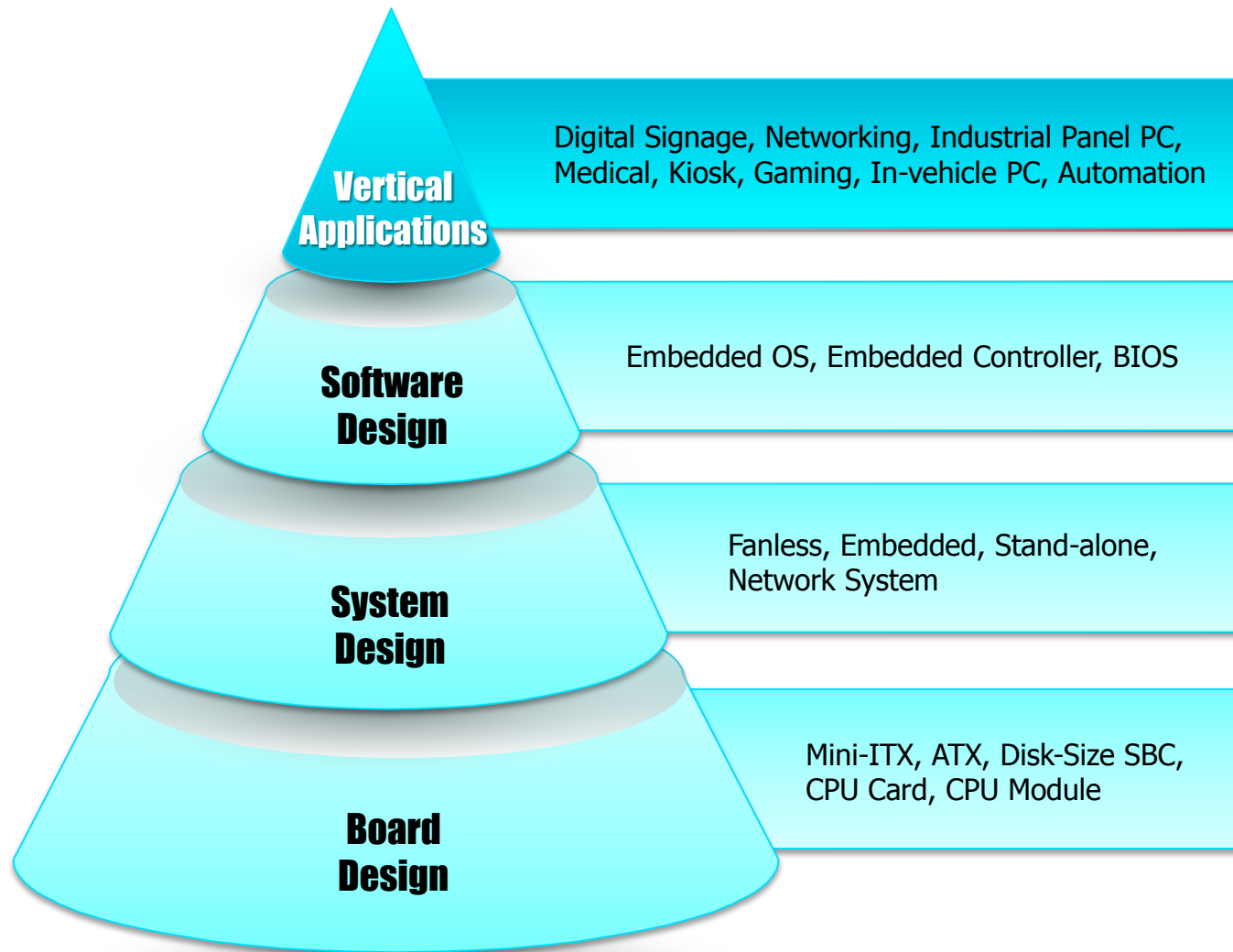
Power Failure Detector

Low Temperature Guardian

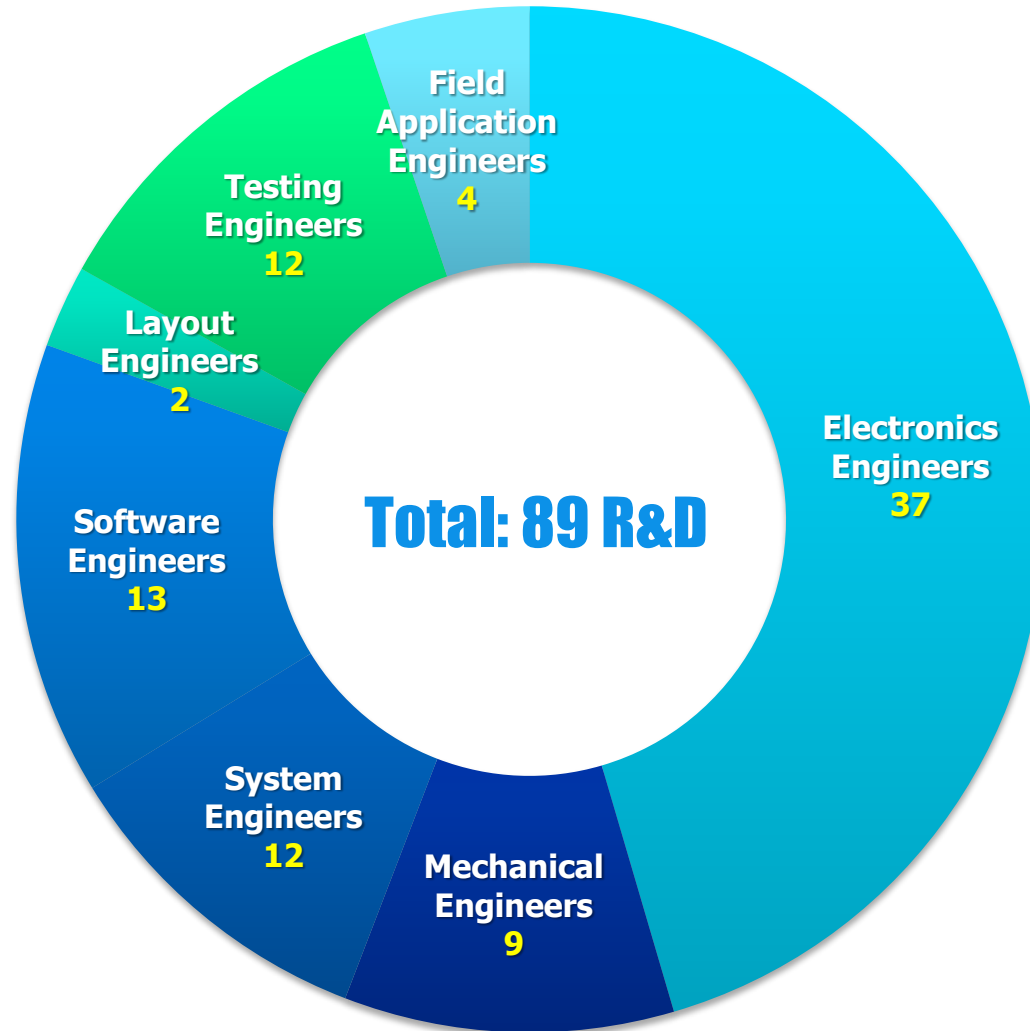
Intelligent Firmware Update



# Solution Integration Services



# R&D Manpower Allocation





# Manufacturing Capabilities

# Manufacturing Strengths



Flexible  
Manufacturing

## Locations



**Sanchung,  
New Taipei  
City**



**Hsinchuang,  
New Taipei  
City**

## Size

**127,270  
square-feet**

## Capacity

### PCBA

45K/month, in-house

30K/month, subcontracted

### Embedded System Assembly

20K/month, in-house

20K/month, subcontracted

### Stand-alone System Assembly

1K/month, in-house

# Advanced Manufacturing Facilities

At **Sanchung** Factory



**HIGH-SPEED PICK AND PLACE MACHINE**



**HOT-AIR REFLOW SYSTEM**



**DIP AOI SYSTEM**



**AOI SYSTEM W/ COLOR CAMERA**

# Advanced Manufacturing Facilities

At **Sanchung** Factory



**LEAD-FREE WAVE SOLDER REFLOW OVEN**



**ALL-IN-ONE PLACEMENT MACHINE**



**SOLDER-PASTE SCREEN PRINTER**



**SOLDER PASTE INSPECTION SYSTEM**

# Advanced Manufacturing Facilities

At **Sanchung** Factory



**DIP ASSEMBLY LINE**



**TOUCH UP LINE**



**SMT LINES**



**ANTI-STATIC & CONDUCTIVE FLOORS**

# Advanced Manufacturing Facilities

At **Hsinchuang** Factory



**CHAMBER FOR SYSTEM LEVEL PRODUCTS**



**CLEAN ROOM**



**SYSTEM ASSEMBLY LINE**



**STAND-ALONE SYSTEM ASSEMBLY LINE**

# Advanced Manufacturing Facilities

At **Hsinchuang** Factory



**MULTI-GROUNDING SYSTEM MONITOR**



**BURN-IN TEST**



**FQC**



**FUNCTION TESTING**



# Reliability Test & Static Monitoring



**Vibration  
Machine**



**Open  
Chamber**


















**Chamber**



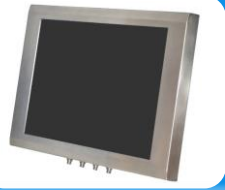
**ESD Testing**

# **IBASE Vertical Solutions**

# IBASE Vertical Solutions

Product Lineup	Products & Services	Vertical Solutions		
Industrial Panel Computers	<ul style="list-style-type: none"> <li>✓X86-Based Panel PC</li> <li>✓RISC-Based Panel PC</li> <li>✓HMI</li> </ul>			
Embedded Products	<ul style="list-style-type: none"> <li>✓Industrial Motherboard</li> <li>✓Single Board Computer</li> <li>✓CPU Card</li> <li>✓CPU Module</li> <li>✓Embedded Systems</li> </ul>			
RISC-Based Products	<ul style="list-style-type: none"> <li>✓ARM-based Panel System</li> <li>✓ARM-based HMI</li> <li>✓ARM-based SBC</li> </ul>			
Digital Signage Players	<ul style="list-style-type: none"> <li>✓Digital Signage Player</li> <li>✓OPS Signage Player</li> </ul>			
Network Appliances	<ul style="list-style-type: none"> <li>✓Networking Motherboard</li> <li>✓Network Security Appliance</li> </ul>			

# Industrial Panel PC Solutions



## INOSP Series – Stainless Steel Industrial Panel PC

- INOSP-151-RE
- INOSP-191-RE



## ASTUT Series – All-in-one Panel PC w/ Riser Card Expansion

- ASTUT-1511S-PC
- ASTUT-1811S-PC



## BYTEM Series – Compact Panel PC

- BYTEM-071-PC
- BYTEM-101-PC
- BYTEM-121-PC



## IPPC Series – Heavy-Duty Industrial Panel PC

- IPPC-15B7/15B9/17B9/19B9-RE
- IPPC-08A7/12A7/15A7/17A7/19A7-RE
- IPPC-17A9/19A9-RE
- IPPC1501/1700-RE

OEM/ODM  
Available



## IDOOH-210-IR Sunlight Readable Outdoor Panel PC



## BST-1850 Multi-Touch Bedside Terminal PC

# Digital Signage Solutions



## Entry-Level

- Intel-based
  - SI-06
  - SI-12
- AMD-based
  - SI-08
  - SI-18
  - SI-22

Fanless

DE3

Compact

iSMART



## Mid-Range

- Intel-based
  - SI-56
  - SI-62
  - SI-83
- AMD-based
  - SI-38
  - SI-38N
  - SI-304

Segregated  
Flow Design

EDID  
Build-in

4K UHD

iAMT/DE3

iSMART



## Extreme Performance

- Intel-based  
w/ AMD GPU
  - SI-58
  - SI-64
  - SI-60E

Multi-Display

4K UHD

iAMT

EDID  
Build-in

iSMART



## Outdoor / In-Vehicle

- Intel-based
  - SE-92
- AMD-based
  - SI-32-N

Fanless

Wide Temp

Wide Range  
Power Input

Power  
Management

iSMART



## OPS

- Intel-based
  - iOPS-76
- AMD-based
  - iOPS-18

OPS Module

iAMT

Flexible  
Expansion

Easy  
Maintenance

# Networking Solutions



Rackmount Network  
Appliances



Desktop Network  
Appliances



Networking  
Motherboards



Expansion Module  
Cards

# RISC Solutions

## ARM-based Panel System



BYARM-181-PC

18.5" All-in-one Panel PC w/  
Android 4.0



MRS-801-RE

8" Power-over-Ethernet  
Panel PC



RIB-106

Tablet PC

## ARM-based HMI



IPPC-  
H04/H07/H10

Resistive Touch HMI

## ARM-based SBC



RM-F600-  
SMC

SMARC Module w/  
Freescale SoC



RP-100-SMC

Carrier Board for SMARC  
Modules



IB113/112/  
110/102

Freescale Industrial Grade  
SBC

# Embedded IoT Solutions



## Industrial Motherboard

Mini-ITX  
ATX  
Micro ATX



## Single Board Computer

3.5" SBC  
5.25" SBC



## CPU Card

Full-Size  
Half-Size  
Backplane



## CPU Module

COM Express  
nanoETXexpress  
ETX



## Embedded System

Fanless System  
SBC System  
Mini-ITX System



**Internet of Things**





# Case Studies

# Digital Signage

Menu Board



Singapore

Signage Board



Japan



UK



Singapore

# Public Kiosk

**Ticket  
Machine**



**Thailand**

**Kiosk  
Station**



**Japan**



**Singapore**



**USA**

# Automation

Machine  
Automation

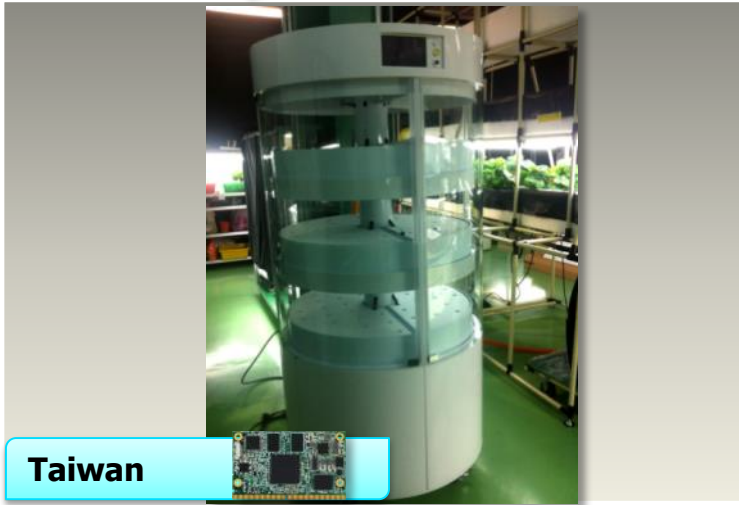


Singapore

Control  
System



Singapore



Taiwan



Singapore

# Transportation

Media  
Player



USA

Sign  
Board



Taiwan

Gate  
Control  
System



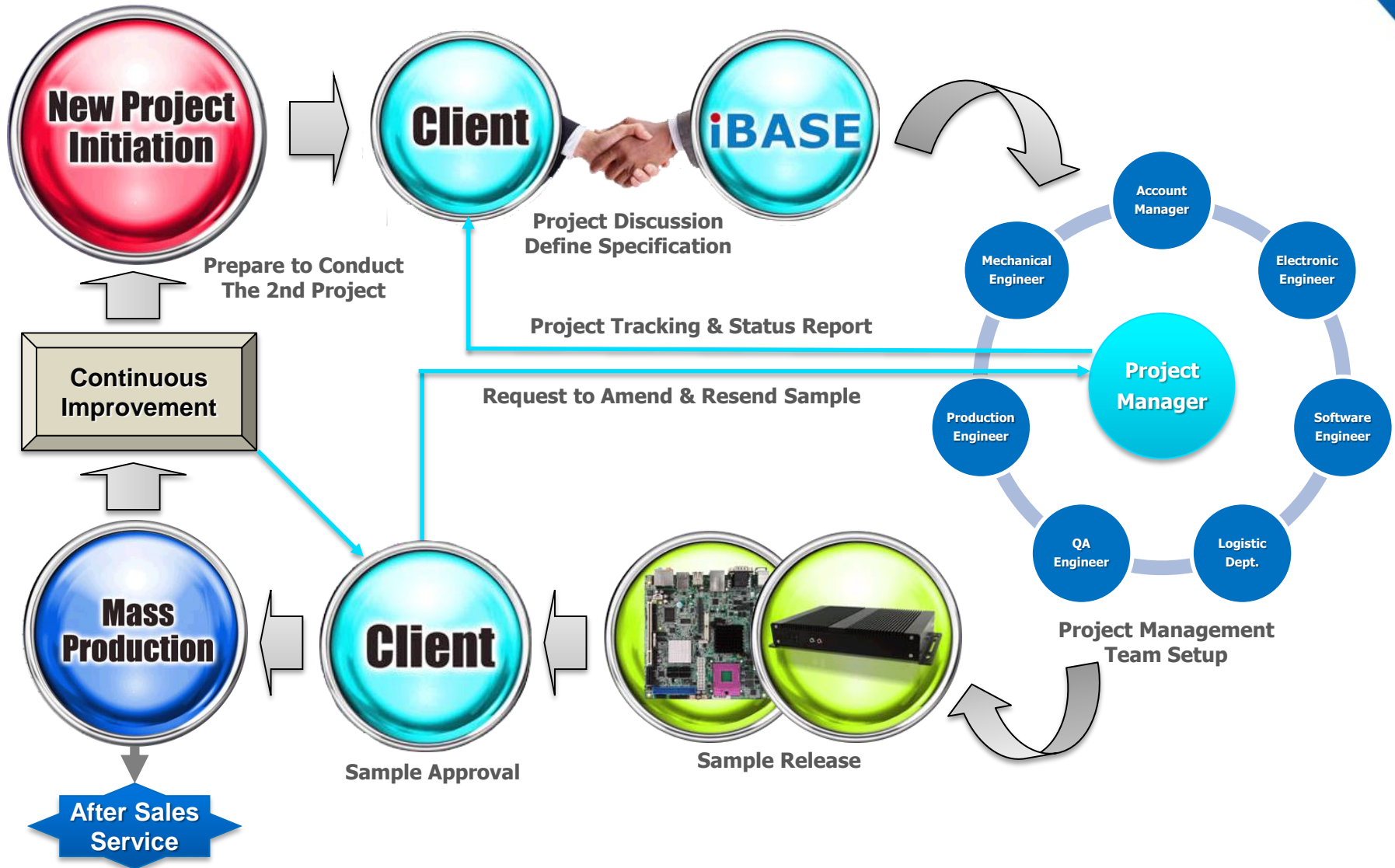
Taiwan



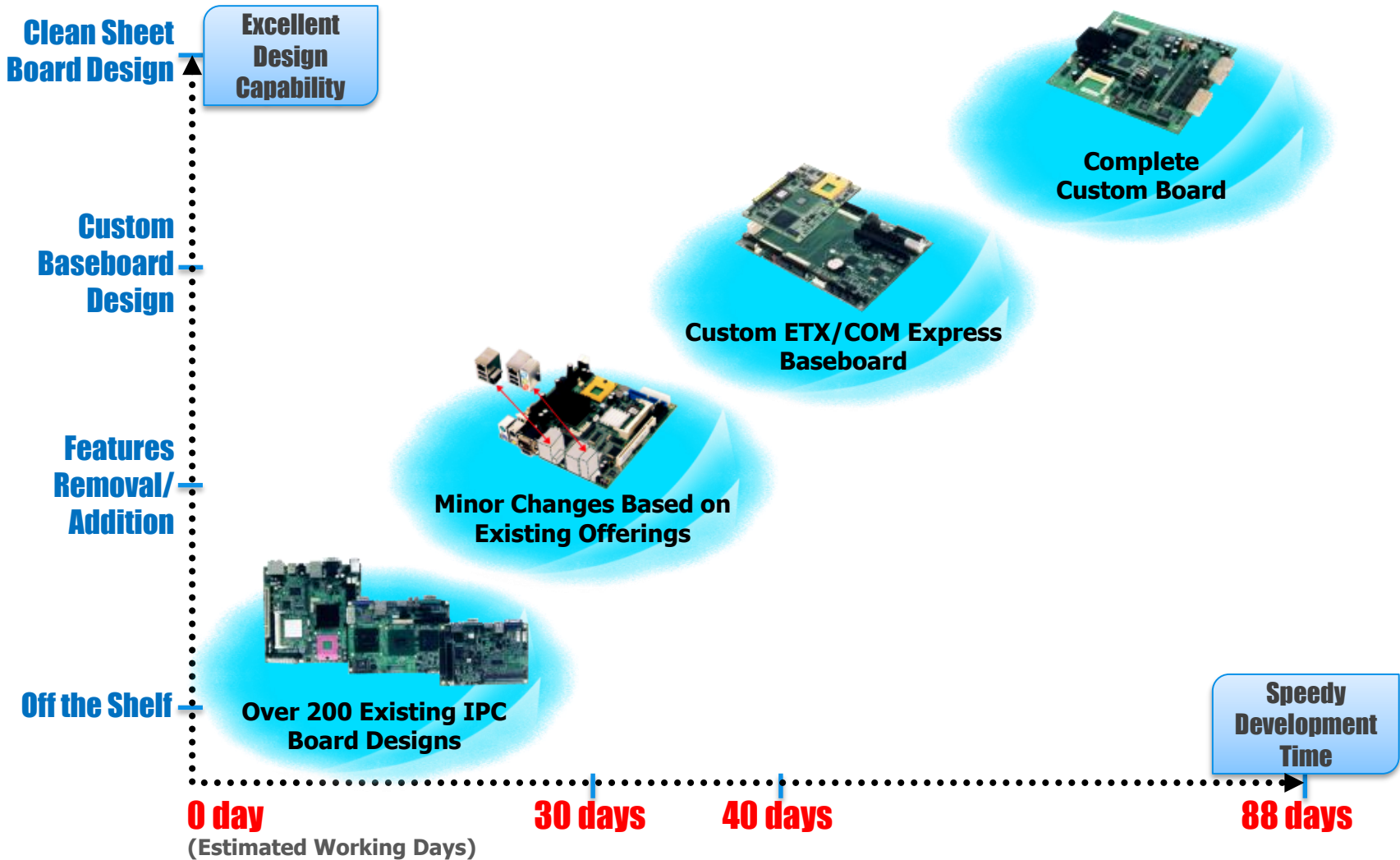
Thailand

# Product Management

# Custom Design Flow Chart

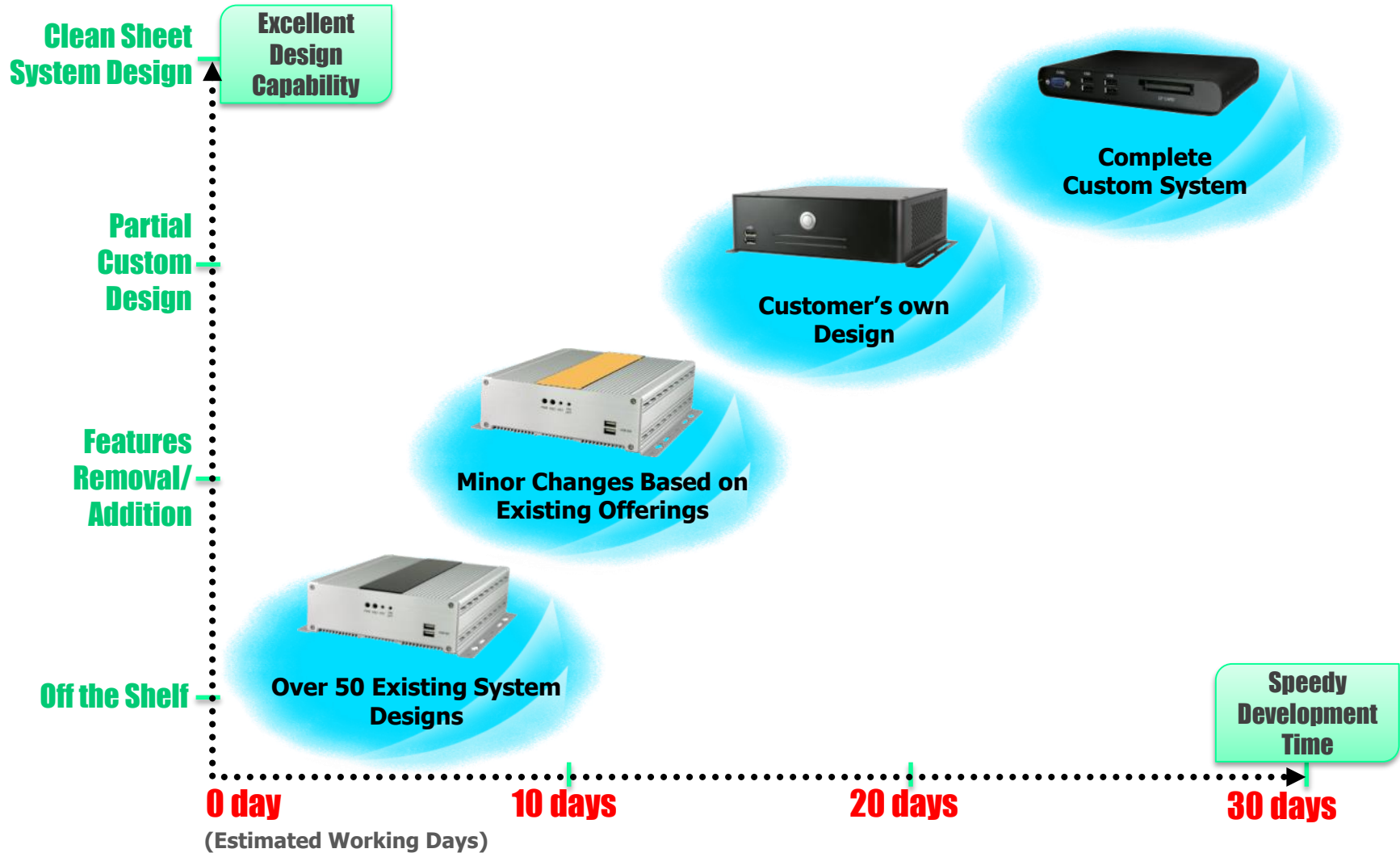


# Board Level OEM/ODM Services

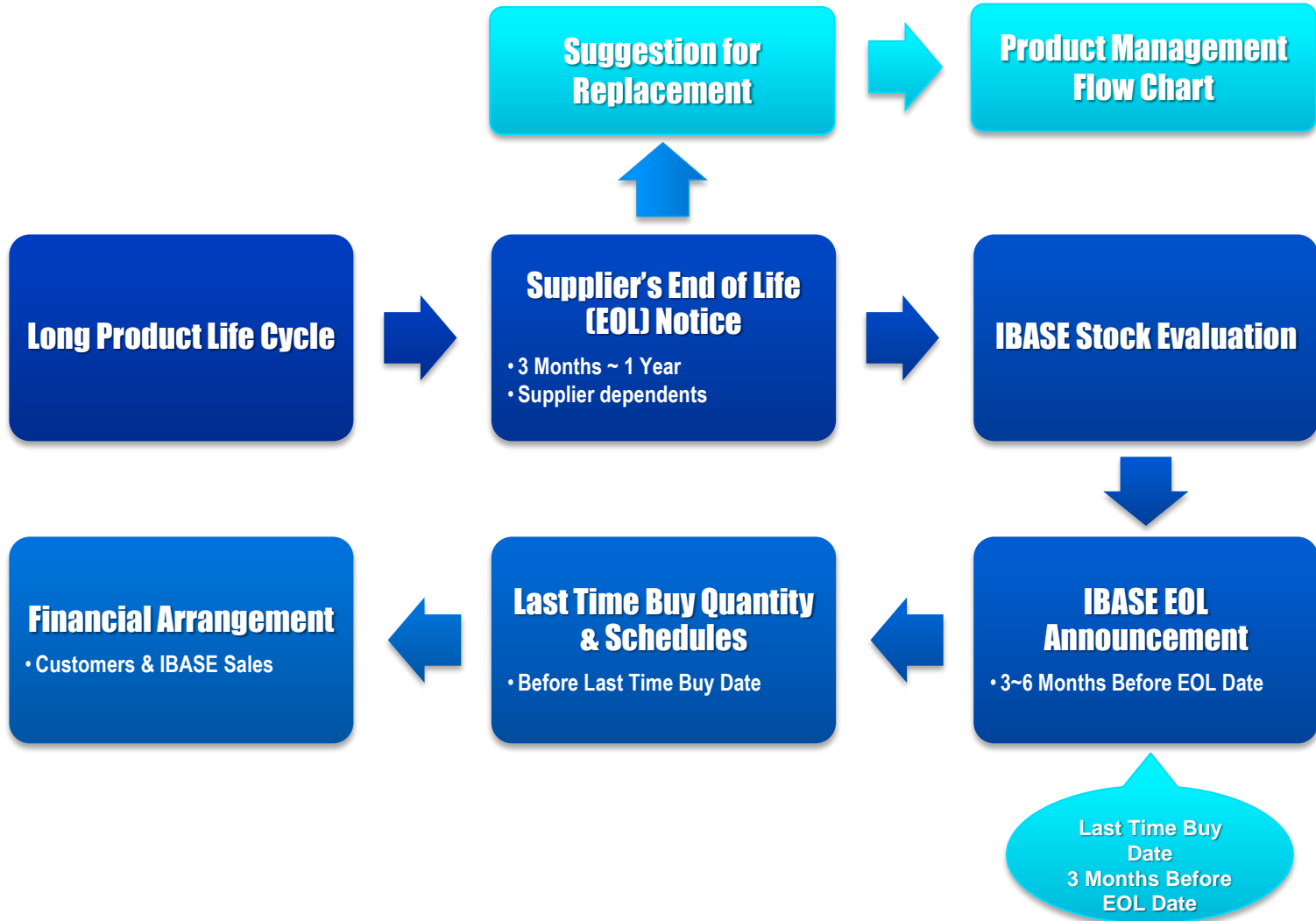




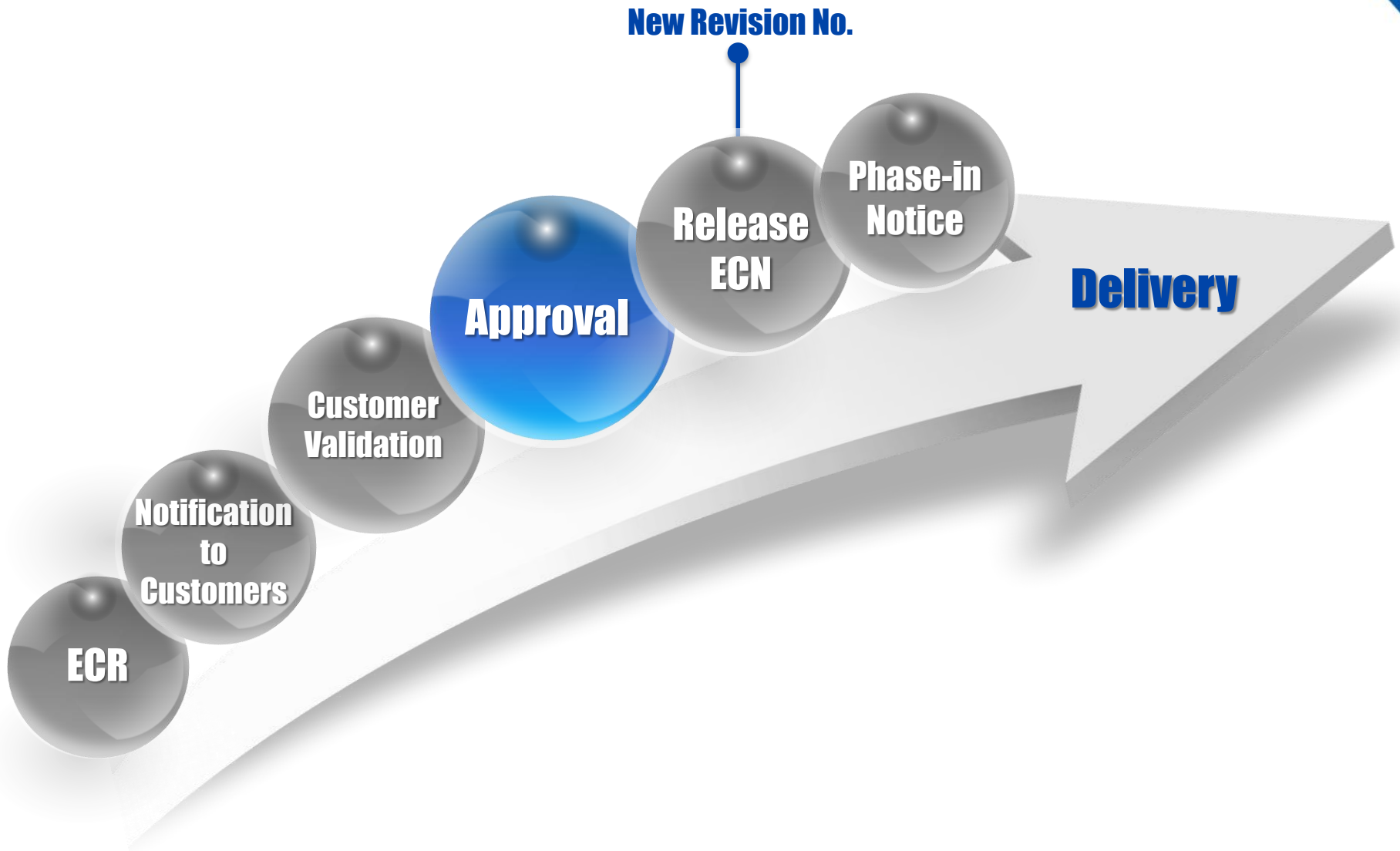
# System Level OEM/ODM Services



# Life Cycle Management



# Revision Control



# Extended Local Services



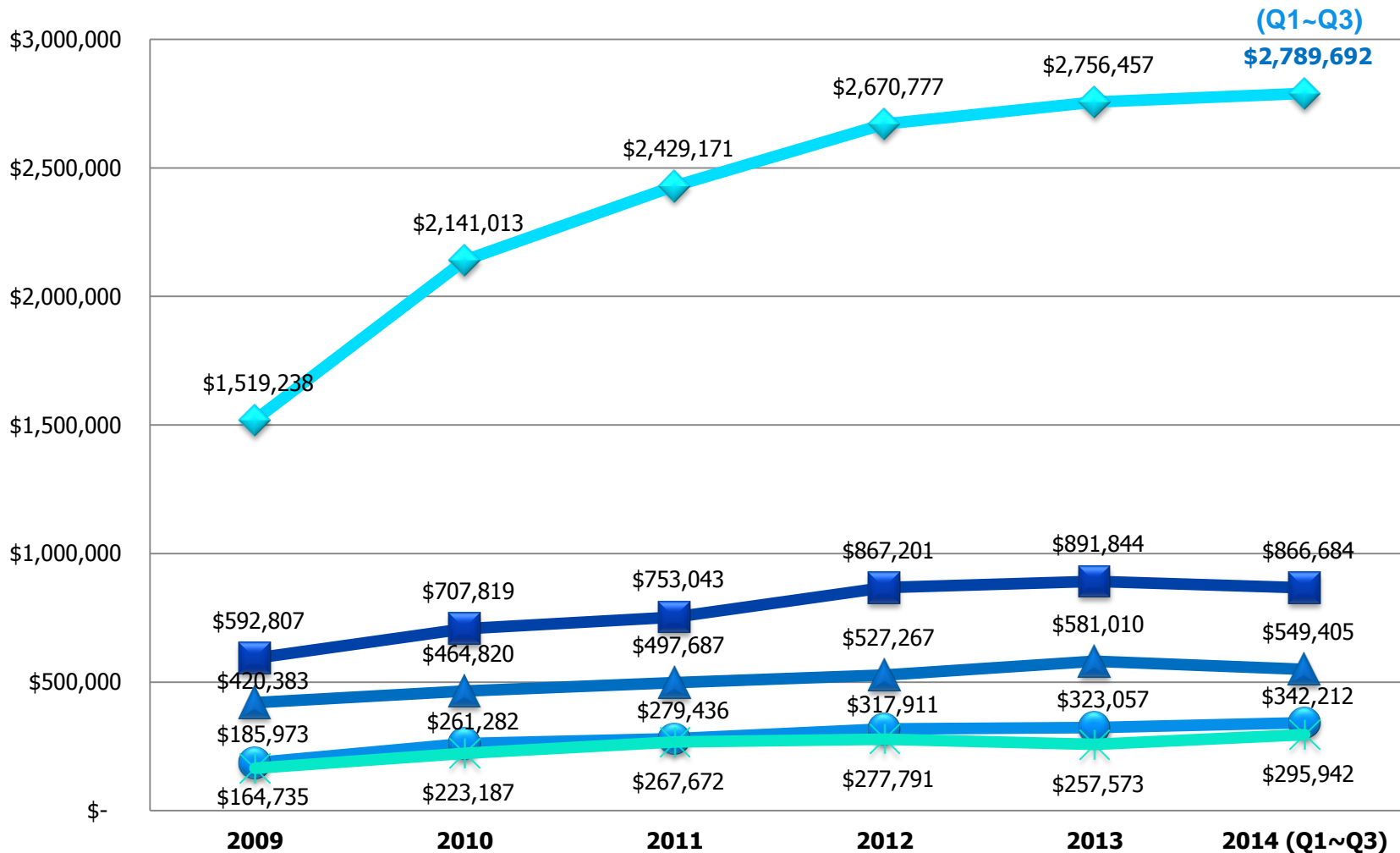
# The Best IPC Solutions



# IBASE Group Combined Numbers

Thousands, NTD

◆ Revenue (Net Sales)    ■ Gross Profit    ▲ Operating Expense    ● Pre-Tax Income    ✦ Net Income



The logo for iBASE features the lowercase letter 'i' in blue with a red dot above it, followed by the uppercase letters 'BASE' in a bold, blue, sans-serif font.

Industry Leader in Embedded Computing

### Contact Us

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