

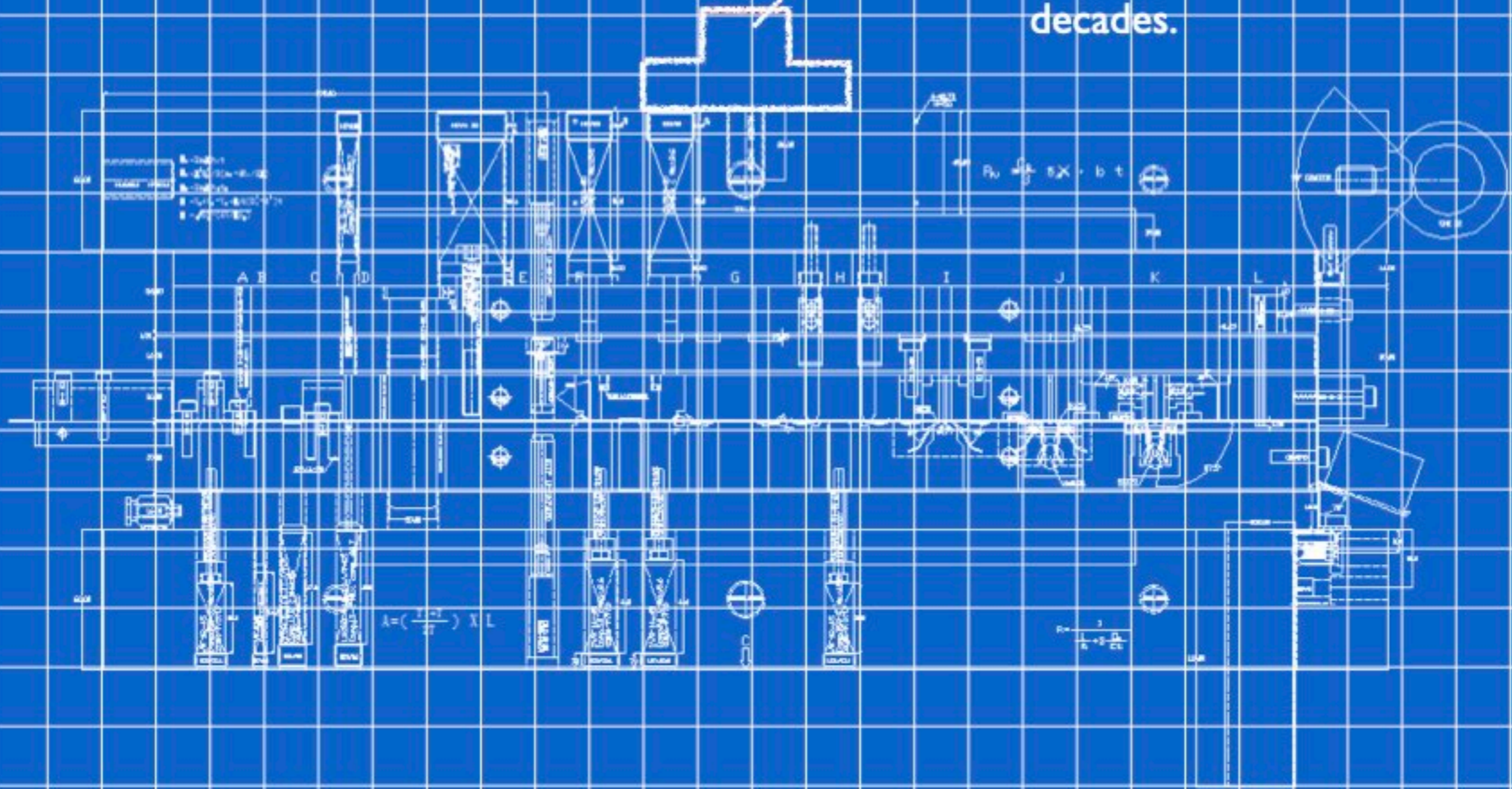


**G-SHANK**  
Enterprise Co., Ltd.  
**SHANGHAI**



# SHANK

Just like a shank stabilizes the die in a stamping machine, G-Shank has been serving as the strongest support for our partners worldwide for more than four decades.



# Who Are We? (TWSE: 2476)



Chairman: Yu-Huang Lin



Group's Capital: **\$67.9M** (USD)



Est. 1973 (Shanghai 1996)



CEO: Ying-Shuo Lin  
Director (China Area): Jia-Rong Zheng



**2,519** (Worldwide)





Employees **538** (Shanghai)

## Group Revenue Percentage

Parts  94%

Die  3%

Merchandise  2% (Transaction within the group)

Toolings  1%

THE LARGEST  
COMPANY  
DEDICATED TO  
PRECISION  
STAMPINGS IN ASIA



# Where Are We?



# Headquarters & Shanghai G-SHANK

World's  
Headquarters

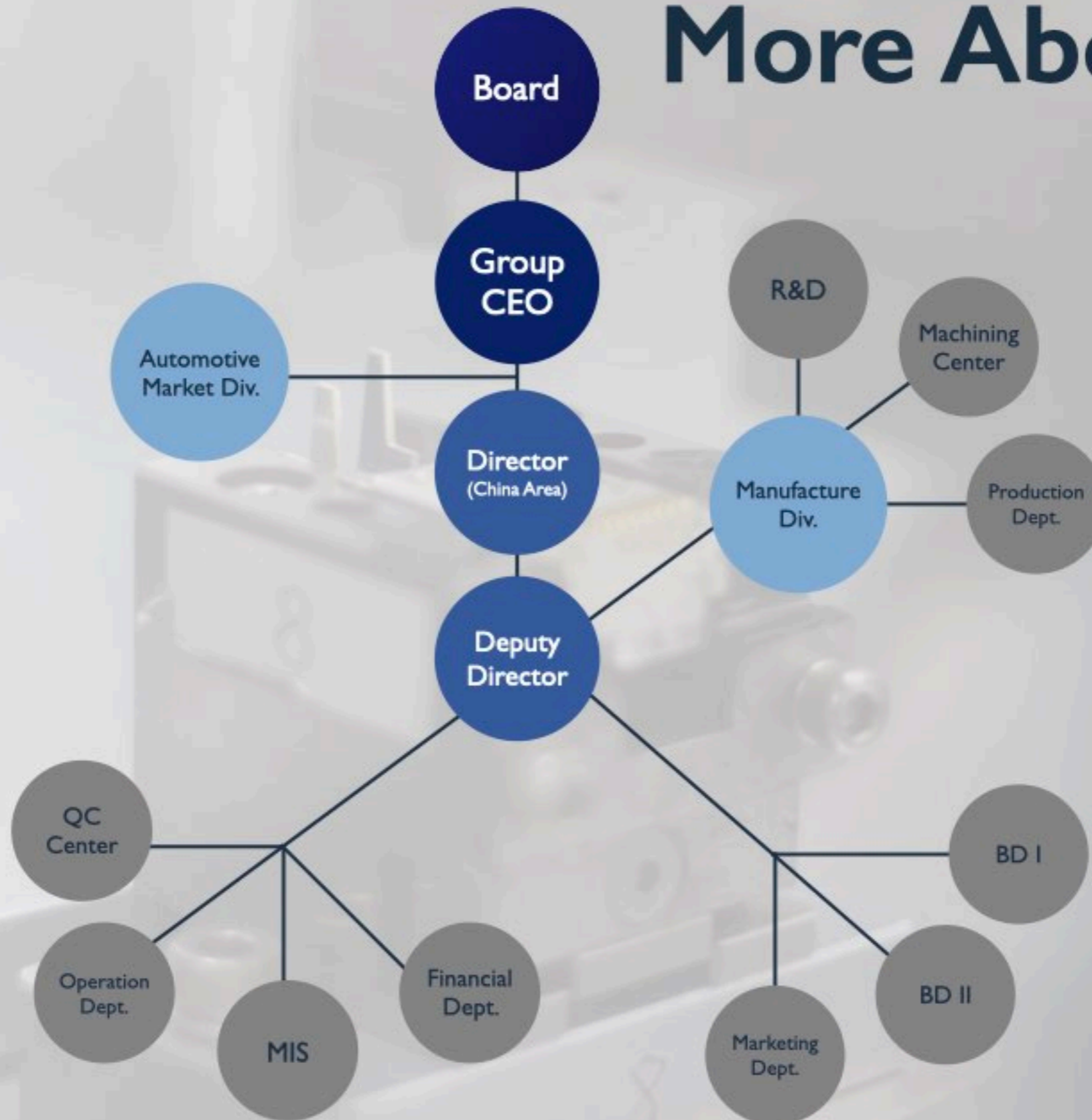


G-Shank Shanghai  
SongJiang Dist

50mins

Shanghai  
Pudong  
International  
Airport

# More About Us



# How Did We Start?

## Stamping

1973 Founded  
 1980 Est. Design Center  
 1984 Est. 6S Policy  
 1989 Est. Malaysia Branch  
 1994 Est. Mexico & the USA branches  
 1996 **ISO 9001 Certified**  
 1996 Est. Shanghai Branch  
 1998 Listed in Over-The-Counter  
 (The First Company in Metal Stamping Industry in TW)  
 1998 Est. Thailand & Taiwan Bade Branches



1973

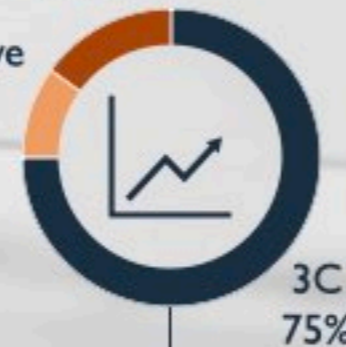
2000

2010

2021

## Vertical Integration

2009 Electroplating Lines Est.  
 2010 Est. Insert-Molding Dept.  
 2012 Est. Japan Branch  
 2012 Est. Wuhan Branch  
 2012 Record High Die PO (209 sets/mo)  
 2012 Stamping, Electroplating, Insert-Molding, Automatic Assembly Vertical Integration  
 2018 Est. Automotive Market Div.



## Global Growth

Industrial & Others 10%

Automotive 10%



2000 Est. Shanghai II Branch  
 2001 Listed in TWSE (2476)  
 2001 Est. Dongguan, Xiamen, Suzhou, Qingdao Branches  
 2002 Est. Indonesia Branch  
 2003 Est. Tianjin Branch  
 2005 **ISO 14001 & ISO/TS 16949 Certified**  
 2006 Est. Shenzhen I Branch  
 2007 Est. Shenzhen II Branch

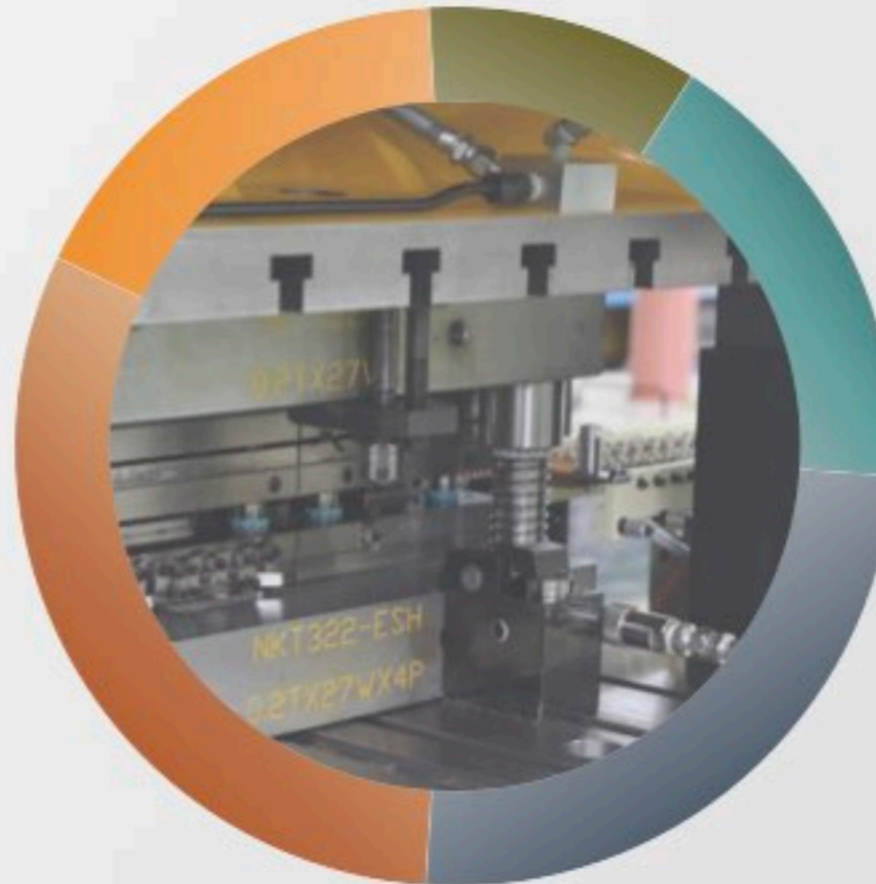
# What Do We Do?

## 16% Automotive

- Regulators
- Transmission Coolers
- GPS/ USB/ Charger Connectors
- Airbag & Seat Belt Connectors
- Air Conditioning
- Fuses
- Button Adaptors
- TPMS
- Headlight Parts
- Anti-theft Systems

## 32% Industrial and Others

- Sensors
- Relays
- No Fuse Breakers/ Switches
- PLC
- Timers
- Blood Sugar Testers
- Scalpels
- Semiconductor Lead Frames
- Furniture Parts
- Electronic Cigarettes



## 11% Communications

- Mobile Phones
- ADSL
- Internet Related

## 17% PC/NB

- I/O
- Type C
- USB
- HDMI
- FPC/ FFC
- Memory Cards
- Board-to-board

## 24% Consumer Electronics

- Appliances
- Digital Cameras
- Gaming Parts
- Switches
- Video Recorders



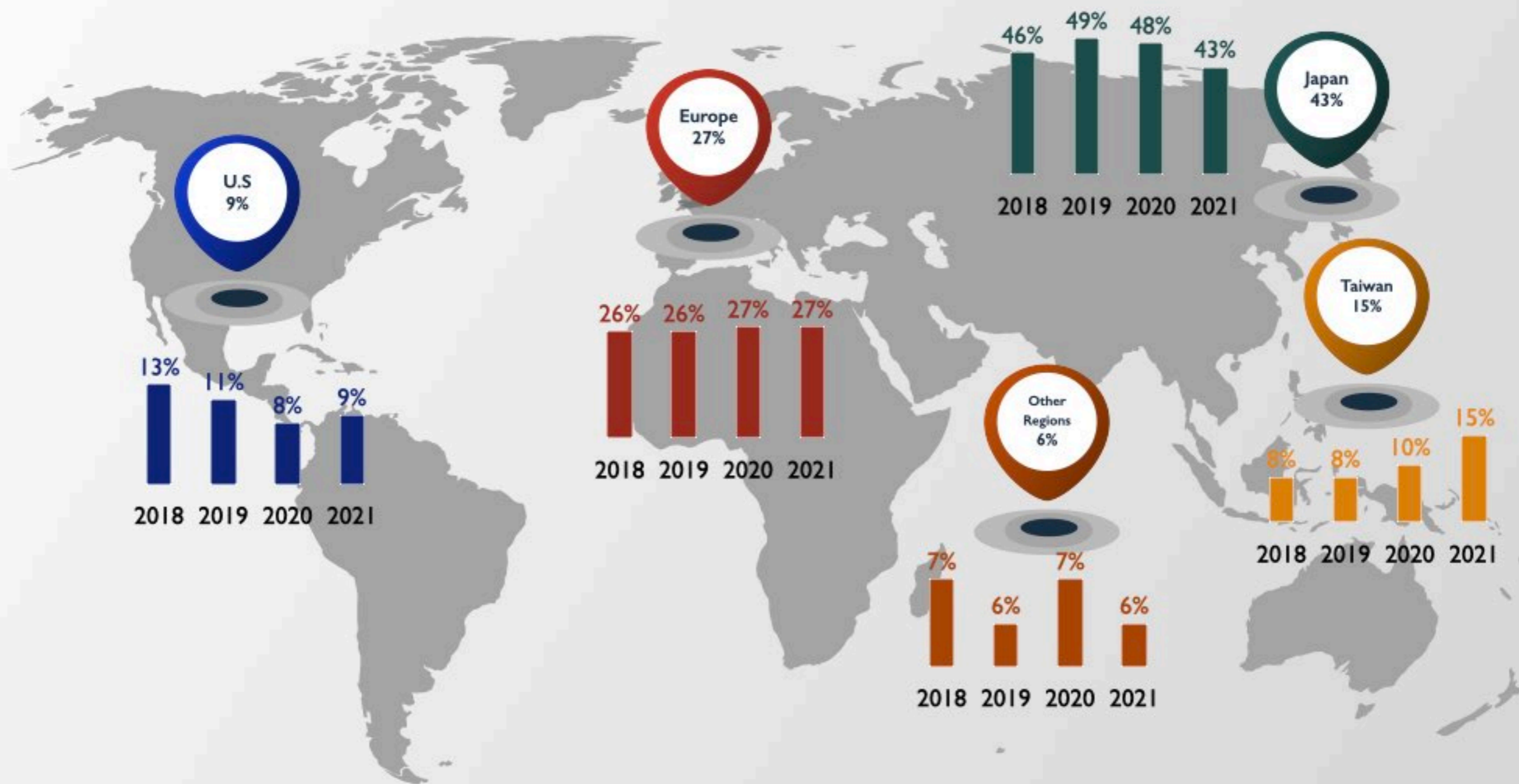
# Group Fiscal Revenue



※Exchange Rate

# Total Sales by Region

(based on customer's region)




# One Stop Solution

## Die Design

 **x110** sets  
(Monthly Capacity)


- 3D/CAD Design
- Design Database System

## Stamping

 **x745**  
(10 - 400T)


- Servo Feeds
- AOI Machine Inspection

## Insert-molding

 **x37**  
(35 - 110T)

- AOI Machine Inspection
- Vertical, Horizontal Insert-molding Machine

## Machining

 **x543**

- Vertical CNC Machine
- Jig Grinder
- Profile Grinder
- Wire E.D.M
- Grinder
- Lathe
- Milling Machine
- Sawing Machine
- E.D.M
- Drilling E.D.M
- Precision E.D.M
- Horizontal Profile Grinder

## Electroplating

 **4** Machines  
**8** Lines(Hoop)

Au (Gold)

Sn (Tin)



Ni (Nickel)

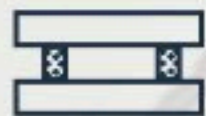
## Automated Assembly



- R J 45 Connector
- D-SUB Connector
- Automatic Laser Welding Machine
- Automatic Silver Brazing Assembly
- Automotive Safety Device Assembly

# Shanghai Capabilities

## Tool & Die Design



**40** set(Monthly)

- 3D/CAD Design
- Design Database System

## Slitting Machines



**x2**

- W: 3mm min.
- T: 0.05mm-1.5mm

## Laser Cutting



**x1**

## Machining



**x131**

- Vertical CNC Machine
- Jig Grinder
- Profile Grinder
- Wire E.D.M
- Grinder
- Lathe
- Milling Machine
- Sawing Machine
- E.D.M
- Drilling E.D.M
- Precision E.D.M
- Horizontal Profile Grinder

## Stamping



**x189**  
(10 - 400T)

- Servo Feeds
- AOI Machine Inspection

## Assembly



**x40**

- Semi-automated copper rod riveting machines
- Semi-automated silver contacts riveting machines
- Automated screw machines
- Hot press FOG machines
- 300W laser welding machines
- ERW
- BSW multi-purpose welding machines
- Automated arc extinguisher assembly



CNC



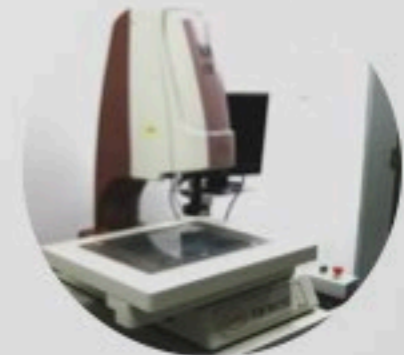
Automatic Assembly



Automatic Screw  
Machines



RoHS XRF Analyzer



3D CMM



CMM



Press Machines



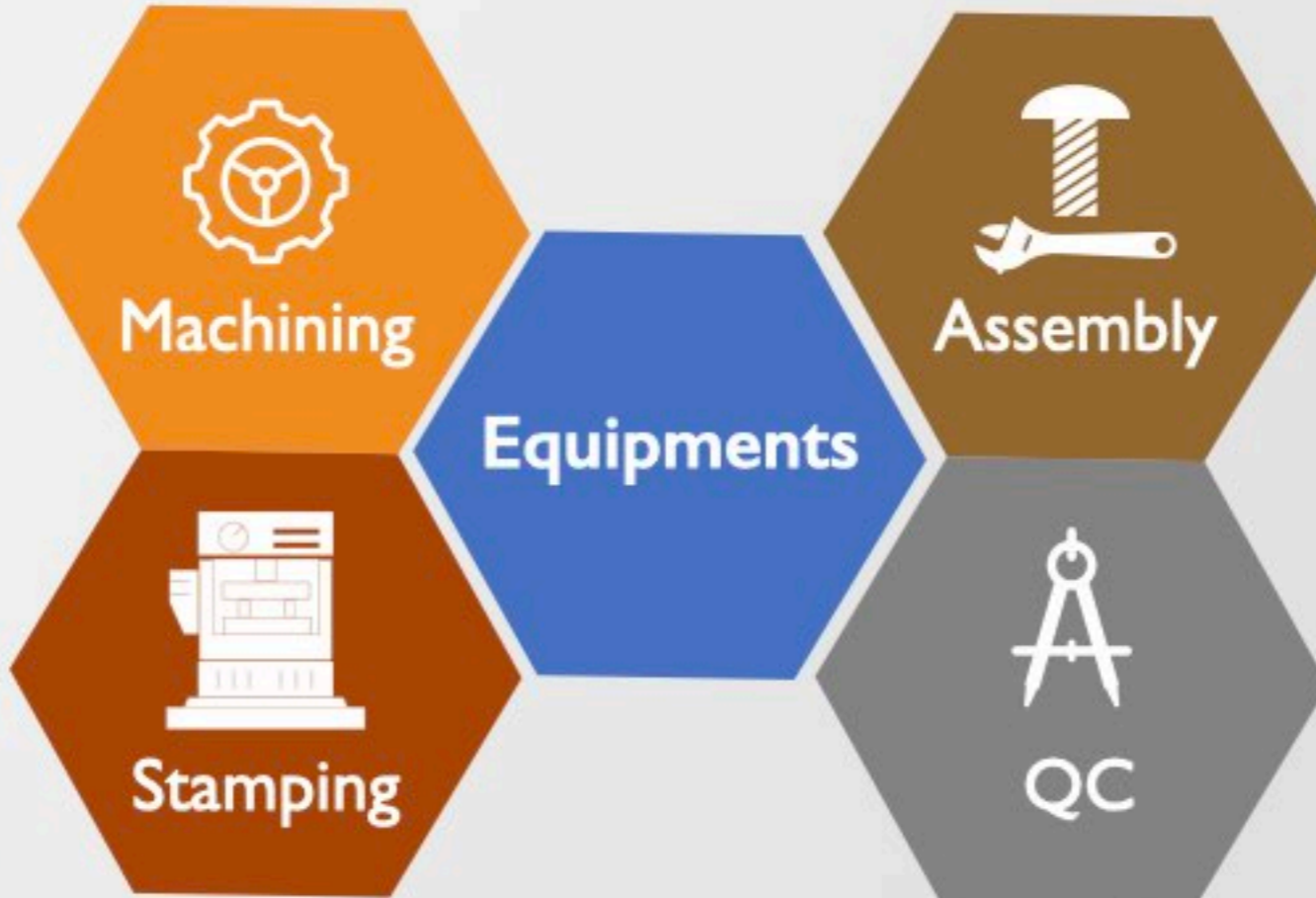
Grinders



Slitting Machines



Press Machines



# Creating Solutions



Case III : AC Power Plugs and Sockets



## Customer's Previous Process



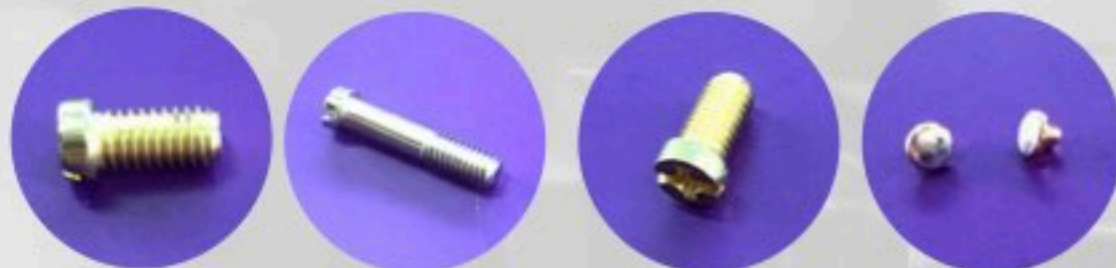
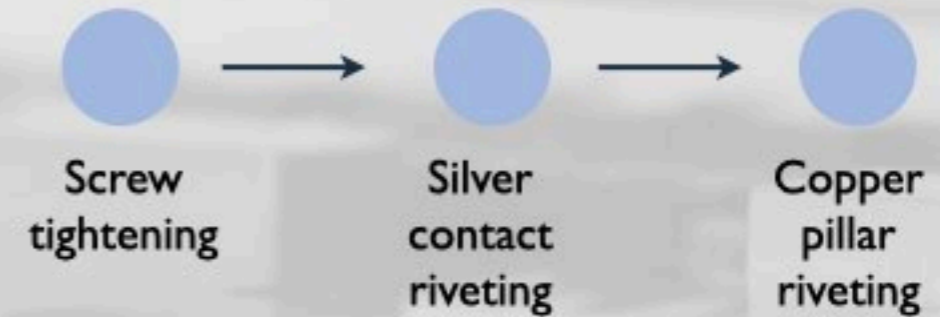
Stamping Part Supplier



Copper Pillar Supplier



### In-House 3 Stops Manual Assembly



Screw/ Silver Contact Supplier



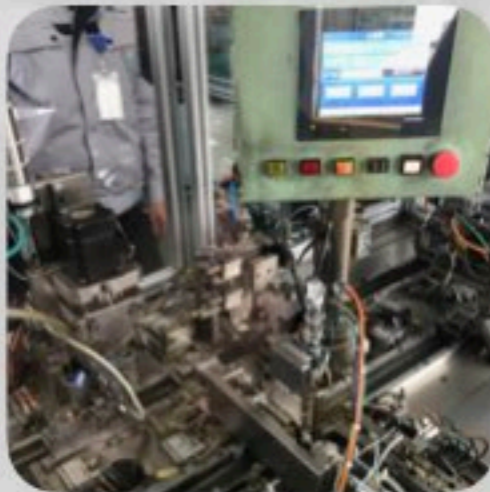
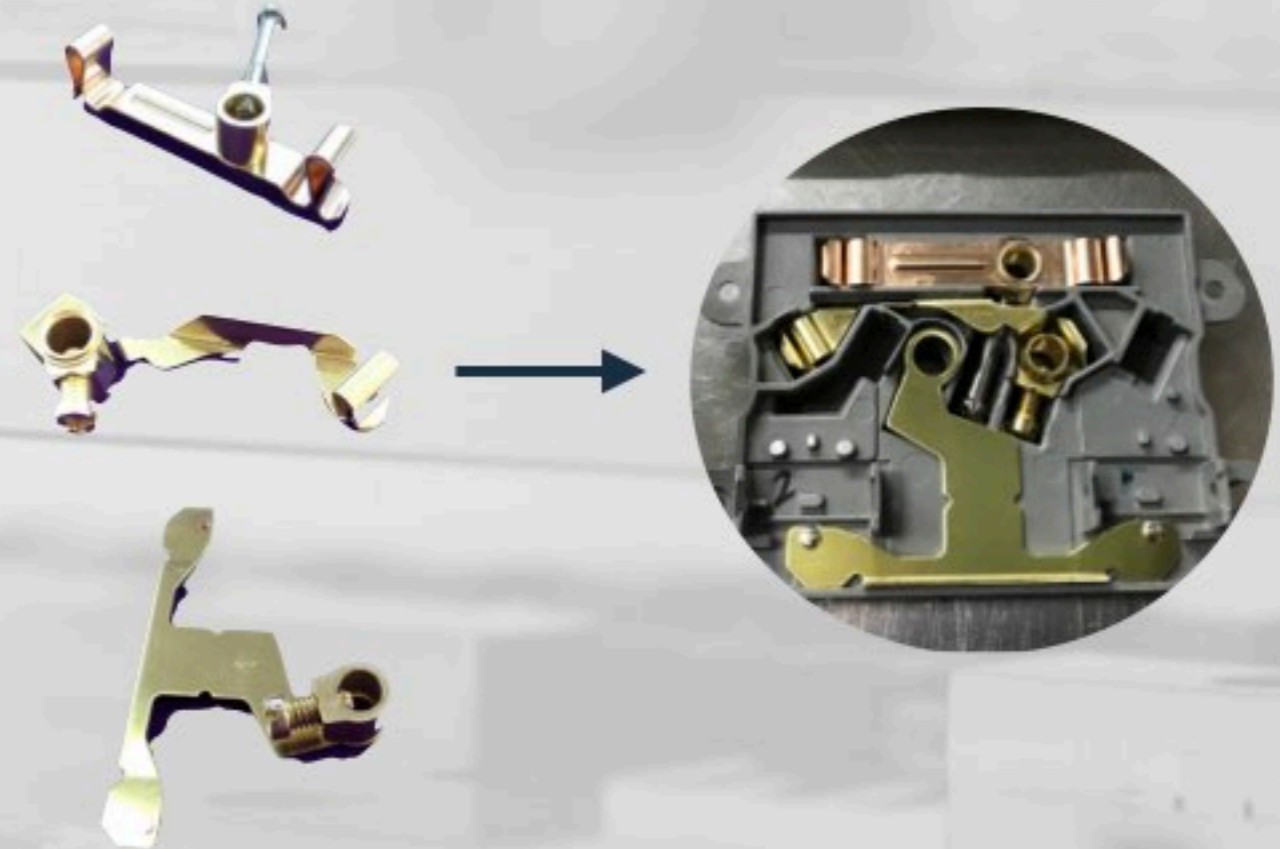
- 10 parts need to be managed
- 4+ suppliers
- 3+ stops manual assembly

## Create One Stop Solution for Customer

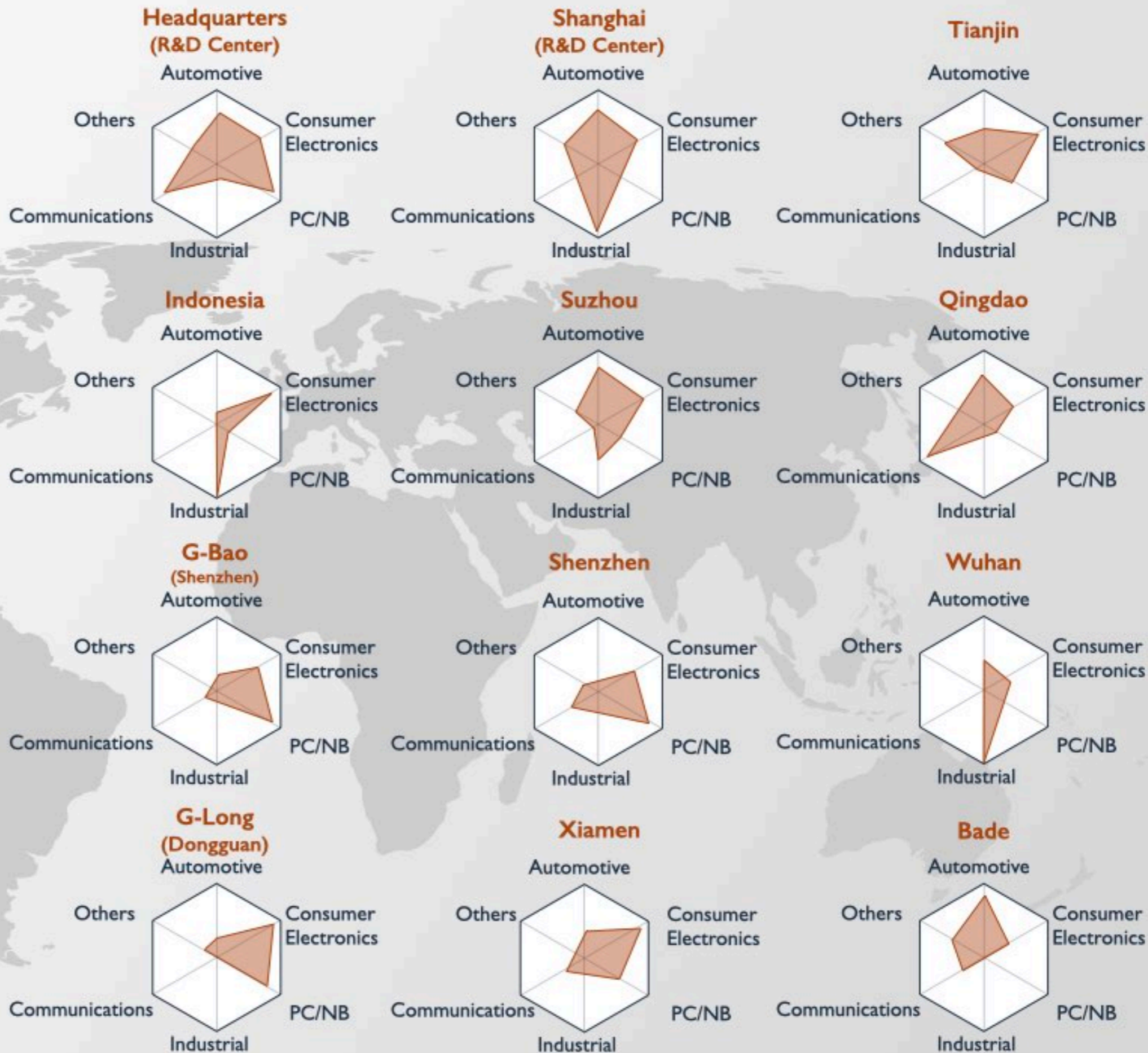
### **G-SHANK** the **ONLY** supplier

- Stamping
- + ▸ Automatic screw tightening
- + ▸ Semi-automatic copper pillar riveting
- + ▸ Semi-automatic silver contact riveting

→ **SPM 30**



# Regional Expertise



# Quality Assurance



**ISO 14001**



**IATF 16949**



**ISO 9001**



**Sony  
Green Partner**



**ISO26000**

# Quality Assurance

## Design

- 20,000 Die Design Experience
- Design Database
- 48 Years of Experience

## Customer Service

- Complaints acknowledge in 3 days
- Report complaints & solutions to design & production divisions
- 8D Report
- On-going improvement plans
- Visit our clients periodically to cultivate long-term relationship & discuss quality improvement solutions



## Production

- Big data monitors product measurements
- XBar-R & CPK
- AOI machine inspection
- Maintain the die periodically through computerized system
- Die Change Point Management System
- Voluntary Inspection, FAI, QC Inspection

# Why G-SHANK?



## R&D Talents

**80+** R&D Engineers

**10+** Avg. Length of Service

**5** Languages: Chinese/English/  
Japanese/Korean/Spanish

**3D** Design & Database System

**3** Industry-University Collaboration  
Training Center



## Costs

Localized Purchasing  
Economies of Scale  
TQM  
Integrated Services



## Quality

**49** Years of Experience

**3** Quality Certifications  
AOI Machine Inspection



## Lead Time

**90%** of Die Parts  
Manufactured Internally

**17+** Global Locations

**1** Stop Solution



## Core Values

**Integrity:** We strive to create an environment builds on trust in which our employees are treated equally and as valued team members.

**Commitment:** We make it our aim to develop relationships with our customers that create a positive impact on their lives.

## Our Vision

G-SHANK is dedicated to precision manufacturing, with the intention of becoming the leading brand of the industry.

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**G-SHANK**

**Thank you**