



# COMPANY PROFILE

High Precision Electronic Product Design Manufacturing



# INTRODUCTION

31

Year  
Celebration

5,600

Professional  
Employees

42

MMI  
World  
Ranking

107,000

sqm ESD  
Standard Factory  
Building

PRIME TECHNOLOGY (GUANGZHOU) INC, guided by Mr. Leo Chien, Chairman of FICG, and current Chairman Mr. Andy Lo, offers a one-stop solution that includes **flexible material strategy**, **high standard manufacturing**, **reliability and testing capability**, **efficient logistics** and **quality after-sales service**. Committed to "Innovation knows no bounds; technology wins the future. Forge ahead in unity," we ensure outstanding product quality. Additionally, we have a specialized **R&D team** that provides **software and hardware development solutions**, precisely tailored to meet the custom needs of our clients.

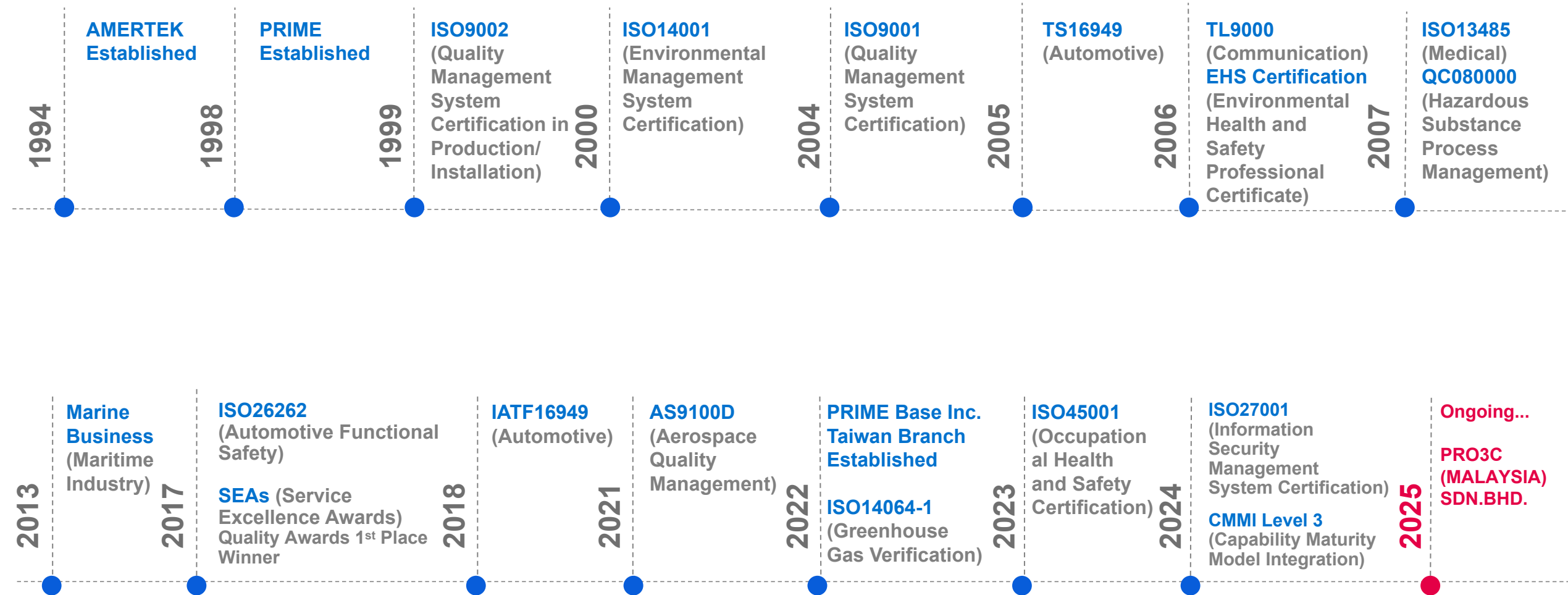
广上科技

PRIMEIIIIC





# HISTORY





# VALUES

## Efficient Cost Control

Competitive Pricing & One-stop Solution for Material, Manufacturing, Reliability and Testing, Logistics and After-sales Service

## Production Flexibility

4-Week Rapid Trial Manufacturing

## Engineer Design Capability

Advanced Equipment and Expert Engineering Design Team

## On-Time Delivery

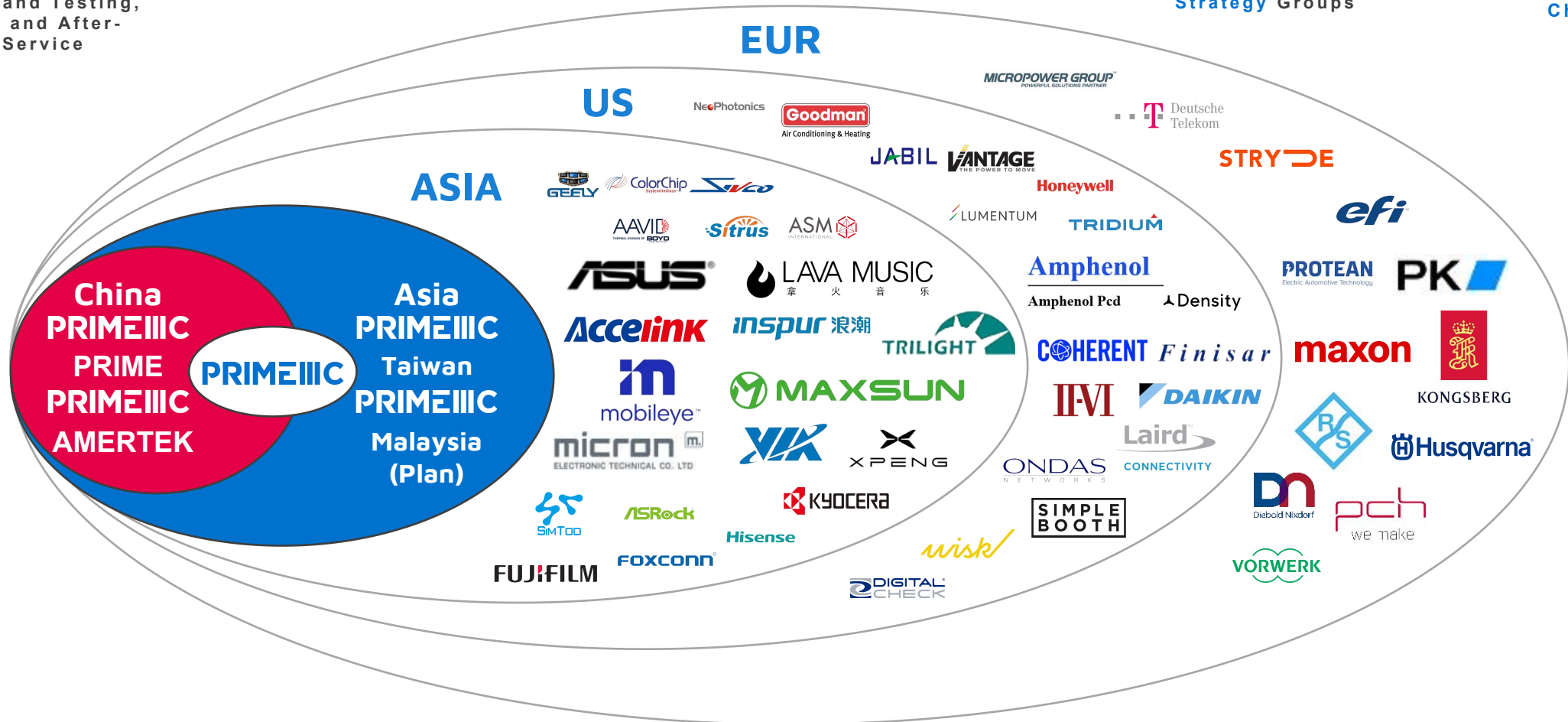
On-Time Delivery of High-Quality Products

## Project Management

Independent Services for Industrial Device, Optical Communication, IPC, and Automotive Strategy Groups

## Global Influence

Collaborative Operations in the US, Europe, Asia, and China





# GLOBAL FOOTPRINTS & LOGISTICS

PRIME3C has multiple manufacturing sites in Taiwan, Guangzhou, Shenzhen and **Malaysia(plan)**, enabling global shipping by sea and air to over 200 countries for enhanced supply chain support.



Taoyuan  
Airport

Zhongli  
Factory



# MANUFACTURING SITES

## PRIME

### Guangzhou

SMT Lines: 13  
SMT Capacity: 802 kk/m  
Assembly Lines: 8  
Assembly Capacity: 240k/m  
DIP Lines: 11  
DIP Capacity: 1080k/m  
Employees: 1,400

## AMERTEK

### Shenzhen

SMT Lines: 30  
SMT Capacity: 1082k/m  
Assembly Lines: 3  
Assembly Capacity: 56k/m  
DIP Lines: 14  
DIP Capacity: 1172k/m  
Employees: 4,000

## PRIME BASE INC

### Taiwan

SMT Lines: 3  
SMT Capacity: 7.25 kk/m  
Assembly Lines: 2  
Assembly Capacity: 50k/m  
DIP Lines: 2  
DIP Capacity: 200k/m  
Employees: 200

## PRO3C MALAYSIA (PLAN)

### Malaysia

SMT Lines: 6  
Assembly Lines: 3  
DIP Lines: 3  
Employees: 300

- Industry Focus: Automotive, Communication, Industrial, Avionic, Maritime, Consumer and Medical Electronics.

- Key Products: ADAS, ECU, Optical Transceiver, Test Measurement, Bridge Systems, Tower Transceiver, Computing MB, etc.

- Industry Focus: Communication and Consumer Electronics.

- Key Products: AI (Servers & Computers), Motherboards, Liquid Cooling Fans, Graphics Cards, Operators and IoT Products, etc.

- Industry Focus: Automotive, Industrial, Communication, Consumer and Medical Electronics.

- Key Products: Intelligent Building, ATMs, Security Systems, and Industrial Products, etc.

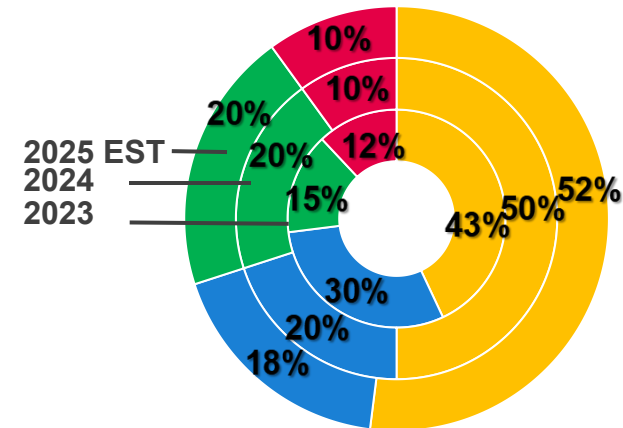
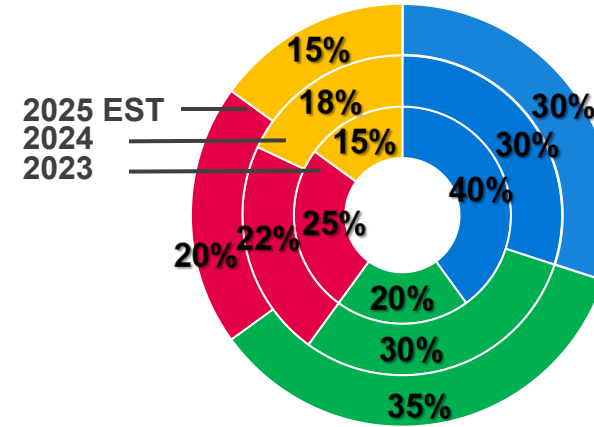
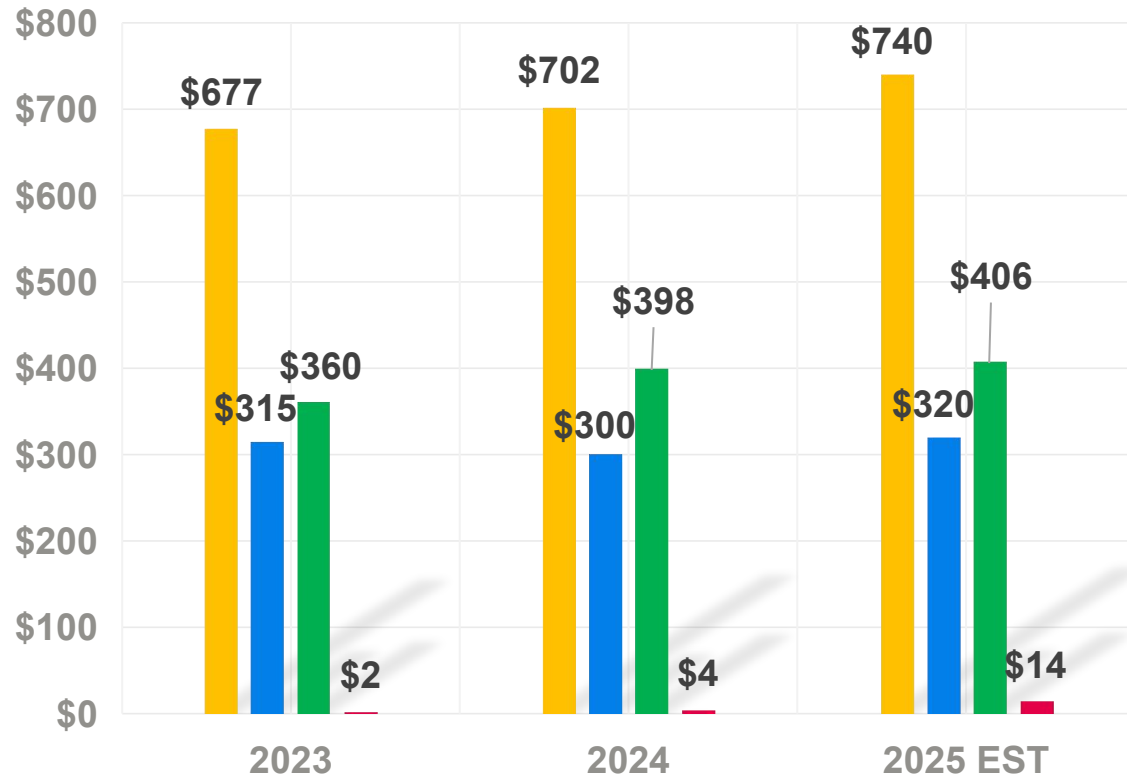
- Industry Focus: Communication, Industrial and AI Electronics.





# REVENUE & MARKET

Unit: Million / USD    ■ TOTAL ■ GZ Factory ■ SZ Factory ■ TW Factory





# PRODUCTS

## AUTOMOTIVE



- ECU
- ADAS
- Charger
- Digital Cluster
- Infotainment System
- BMS

## INDUSTRIAL



- Smart Building Controller
- Test Measurement
- Wireless Sensor
- POS
- ATM
- Security Controller
- Precision Motor

## COMMUNICATION



- Optical Transceiver
- EDFA (Erbium Doped Fiber Amplifier)
- Line Card
- Mega / Data Center
- Embedded System
- Network Processor
- Server
- RF Module

## AVIONIC



- Tower Transceiver
- Space Micro-Motor
- LEO (Low-Earth Orbit) Satellite

## MARITIME



- Bridge System
- Fish Finder
- Oceanographic Chart

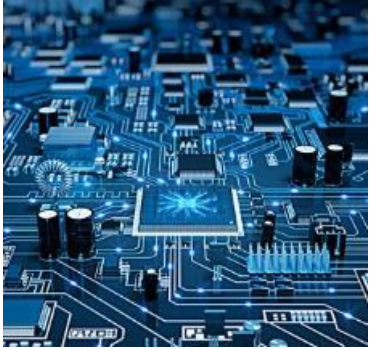
## CONSUMER & MEDICAL



- Drone / UAV
- Gaming Computer / Mini MB
- Smart Wearable Device
- Guitar Pickup
- Facial Massager
- Cardiac Measurement
- Glucose Meter
- Fitness Belt



# CAPABILITIES



## COMPONENT

- Solder Paste Printing
- SMT BGA/uBGA/PoP
- SMT 01005, 008004
- BGA/CSP/CBGA
- CCGA/PBGA (down to 0.27mm pitch)
- Flip Chip with die size of 0.5~50mm
- COB, PoP, Multi-Chip (SMT+COB for 800G/1.6T with minimum 0.110mm pitch)
- Chip on FPC
- Component Traceability



## MANUFACTURING

- PCB Assembly/Box-Build IPXX Assembly
- System Build/System Integration/Programming
- Die Bonding/Wire Bonding
- Selective Wave Soldering
- Conformal Coating (UV-Curable)
- Chip Underfill/Glob Top
- Ultrasonic Welding/Laser Marking
- FMEA System (PFMEA)



## TESTING

- Circuit/Functional Test by JTAG
- Boundary Scan
- Flying Probe
- 2D/3D AOI, AXI
- 2D/3D X-ray
- ATE, DFT, RF, HASS, Burn in, ESD Check
- Hi-Pot Test



## RESEARCH & DEVELOPMENT

- Software Development: Embedded Software Development
- MCU/SoC
- Hardware Development: Schematic/PCB Design
- Structural Design: Product Appearance and Internal Structure Design
- ODM/JDM Services





# EQUIPMENT

Prime utilizes advanced PCBA production equipment, including high-speed placement machines handling 35,000 components per hour,  $\pm 0.1^{\circ}\text{C}$  precision reflow soldering equipment, and 3D AOI optical inspection systems to ensure defect detection. Our flexible production lines meet diverse customer demands, ensuring high performance and reliable delivery.

## Production (SMT+DIP+Assy)

- Solder Paste Printing Machine
- 2D/3D SPI
- High Speed Mounting Machine
- Reflow Oven
- 2D/3D AOI
- Underfill/Glob Top Machine
- Routing Machine
- Wave Soldering Machine
- Selective Wave Soldering Machine
- Coating Machine
- Ultrasonic Welding Machine
- Press Fit Machine

## Testing

- PCB Appearance Check Machine
- OGP Image Measuring Instrument
- Solder Paste Thickness Tester
- ICT/X-ray
- FAI Tester
- Flying Probe
- Boundary Scan
- Customized ATE

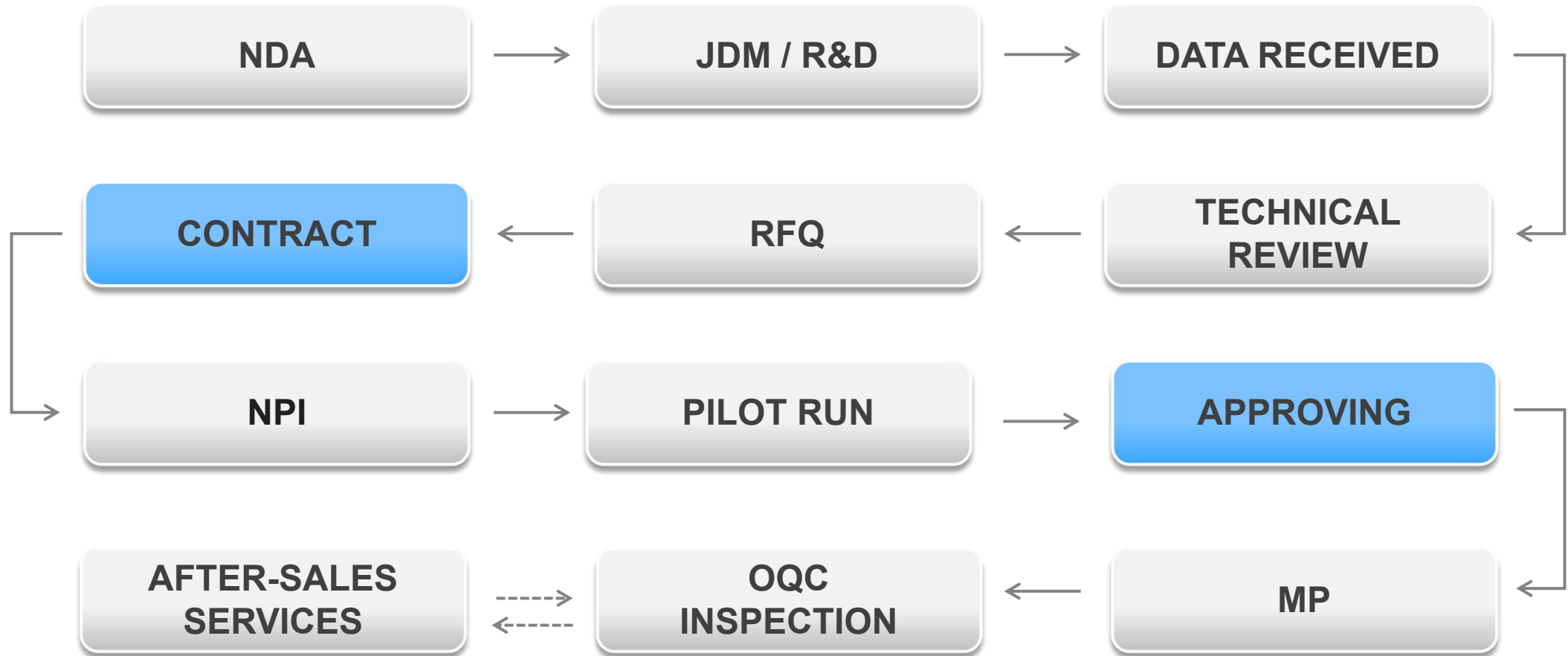
## Reliability

- Burning Room
- Salt Spray Tester
- Temperature & Humidity Chamber
- Vibration Tester
- Thermal Shock
- Drop Tester
- ESD Simulator
- Cross Section Inspection
- Dye and Pry



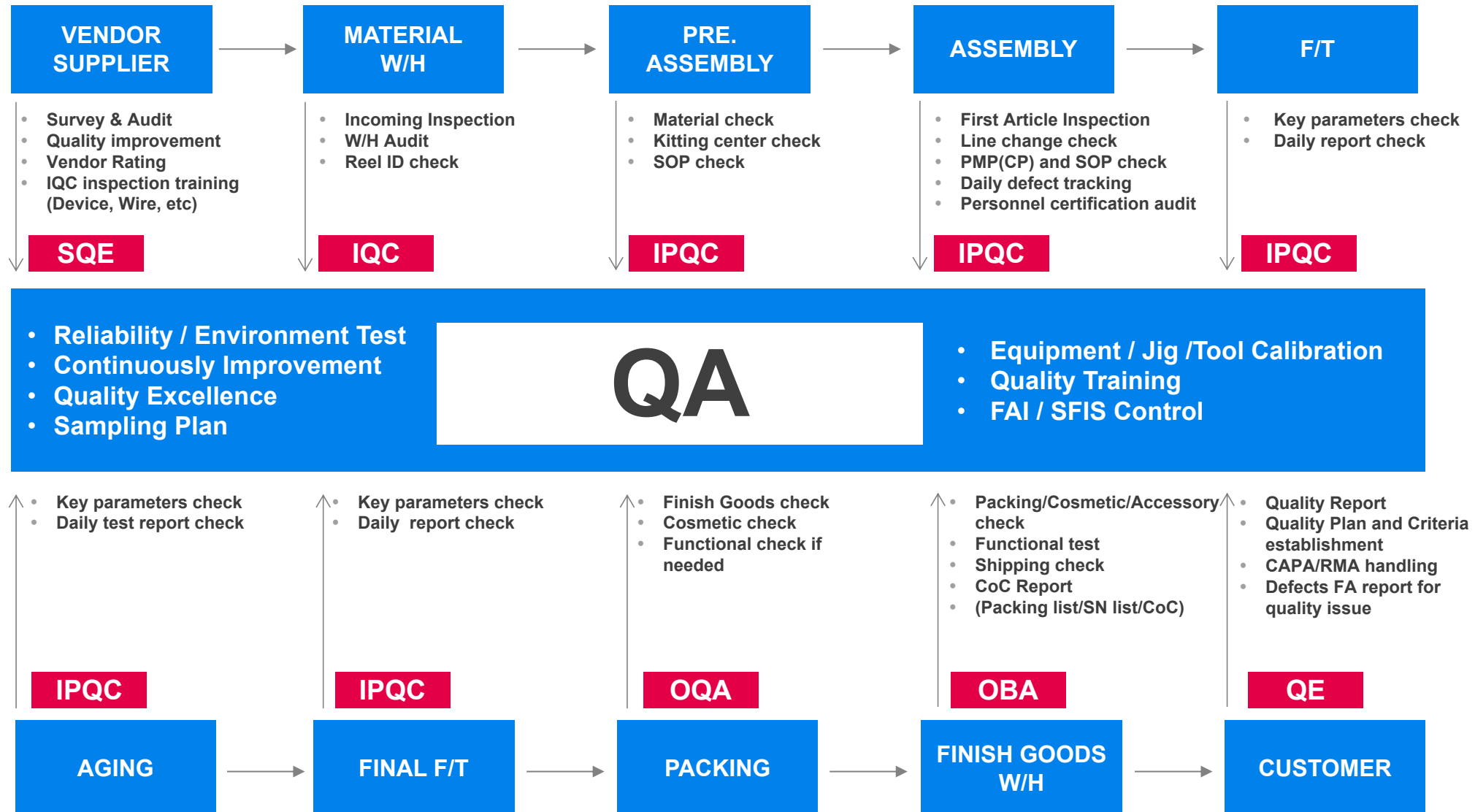


# SERVICE FLOW





# QUALITY ASSURANCE SYSTEM







- **6 invention patents**
- **35 utility model patents**
- **10 software copyrights**
- **9 quality system certifications**
- **UL/TUV/CCC/CE, REACH/RoHS compliant**



# AWARDS



High-Tech Enterprise



IPC Member



Service Excellence  
Award 1st Place  
Winner



NEPCON  
Electronic  
Manufacturing  
Excellence Award



Clean Production  
Enterprise in  
Guangzhou



Coherent  
GARNET  
Supplier Award



R&S  
Top Supplier



Kongsberg Maritime  
Appreciation for the  
Excellent  
Contribution Award



Accelink Excellent  
Quality Award



Finisar  
Special Recognition  
for Outstanding  
Effort



# GLOBAL PARTNERS

## AUTOMOTIVE



## INDUSTRIAL MARITIME AVIATION



## COMMUNICATION



## MEDICAL CONSUMER





# CSR

We firmly believe in responsibly serving all stakeholders, including shareholders, customers, suppliers, employees, the nation, environment and resources, communities, and society, ultimately fostering the company's long-term growth and profitability.



**Sustainability  
Management**  
PV Power



**Green Manufacturing**  
Packaging Design and  
Recycling



**Social Welfare**  
Qinghai Earthquake Relief  
Donation & Community  
Charity Organization  
Donation



**Occupational Health and  
Safety**  
Safety Training



**Corporate Governance**  
VOCs Reducing



**Talent Growth**  
Staff ESG Training







High Precision Electronic Product Design and Manufacturing Service Provider

