

The logo for PRIMEIIC, featuring the word "PRIMEIIC" in a bold, blue, sans-serif font. A registered trademark symbol (®) is positioned to the upper right of the final "C".

**PRIMEIIC<sup>®</sup>**

# COMPANY PROFILE

High Precision Electronic Product Design Manufacturing

2023/12

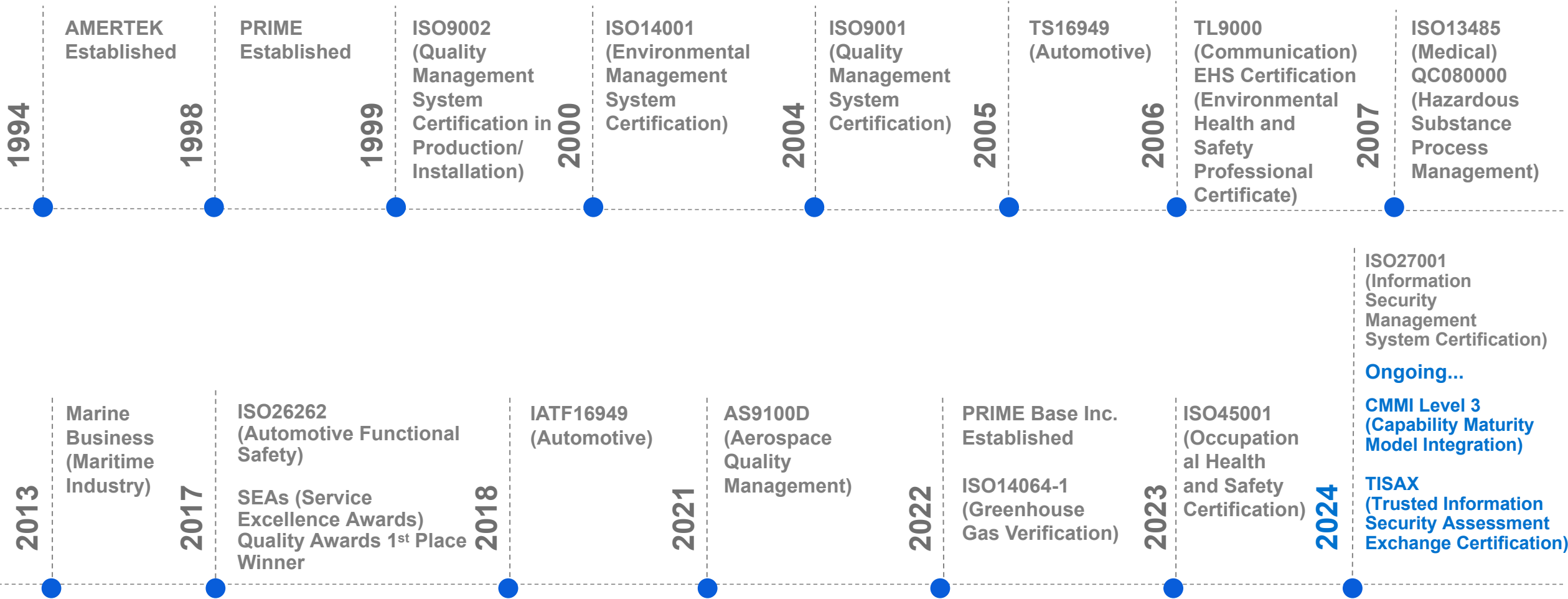
# INTRODUCTION



PRIME TECHNOLOGY (GUANGZHOU) INC provides 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, our dedicated engineering team focuses on independent research and transformative upgrades.



# 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

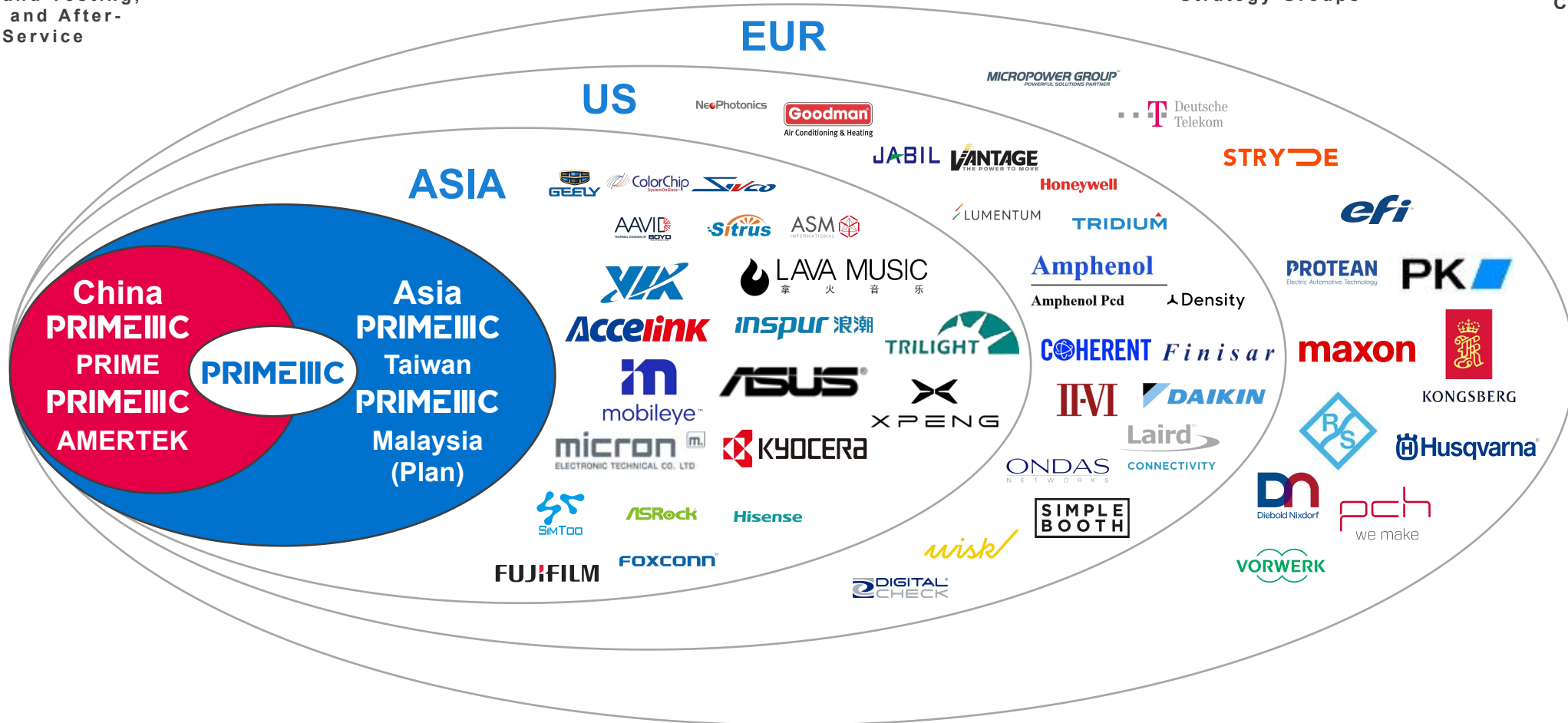
On-Time Delivery of High-Quality Products

## Project Management

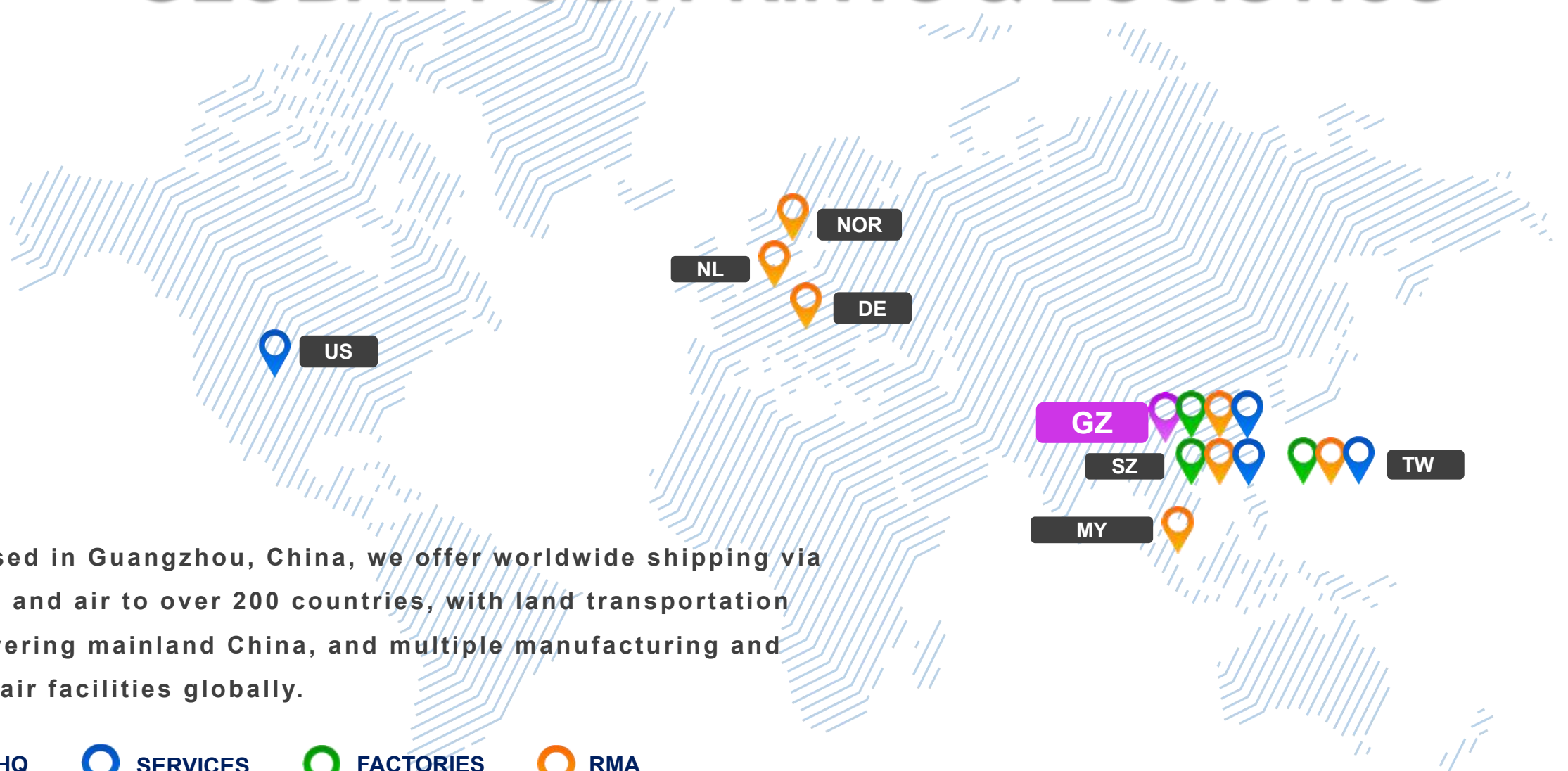
Independent Services for Industrial Device, Optical Communication, IPC, and Automotive Strategy Groups

## Global Influence

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



# GLOBAL FOOTPRINTS & LOGISTICS



Based in Guangzhou, China, we offer worldwide shipping via sea and air to over 200 countries, with land transportation covering mainland China, and multiple manufacturing and repair facilities globally.

-  HQ
-  SERVICES
-  FACTORIES
-  RMA



# 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

- 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.

## AMERTEK

### Shenzhen

SMT Lines: 37  
SMT Capacity: 2.57 kkk/m  
Assembly Lines: 5  
Assembly Capacity: 110k/m  
DIP Lines: 11  
DIP Capacity: 1092k/m  
Employees: 4,000

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

## PRIME BASE INC

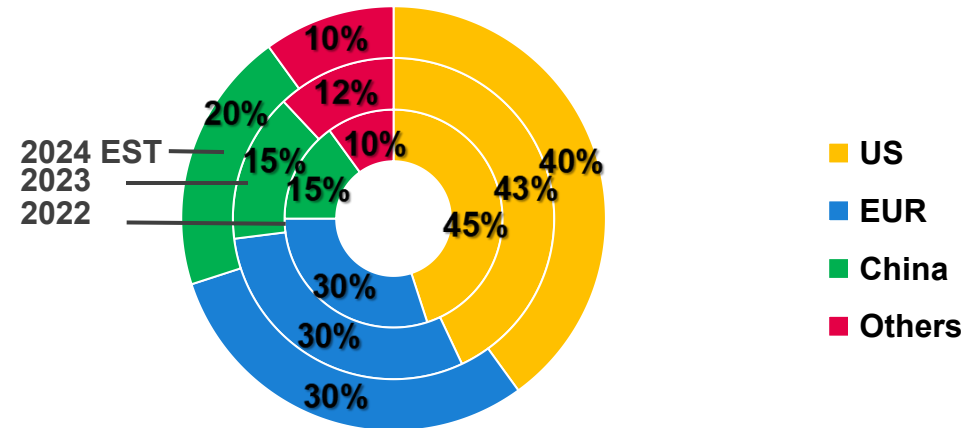
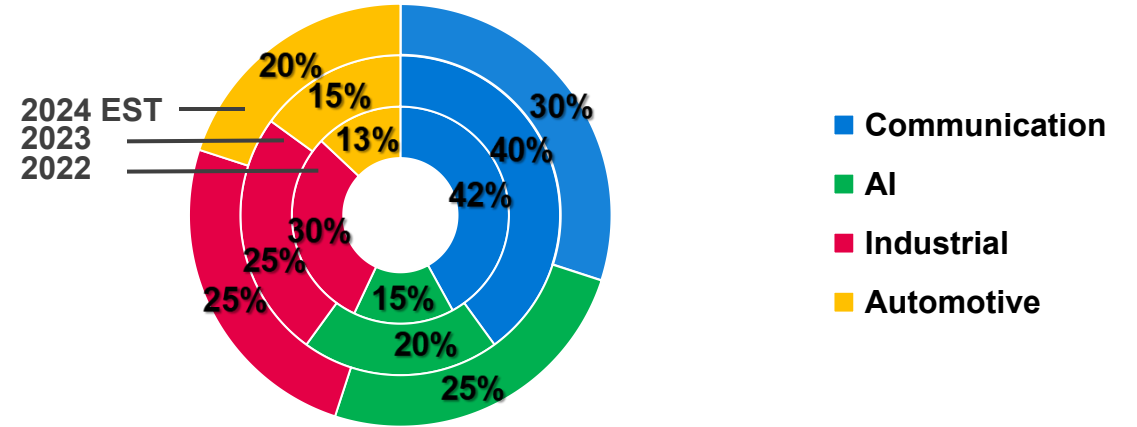
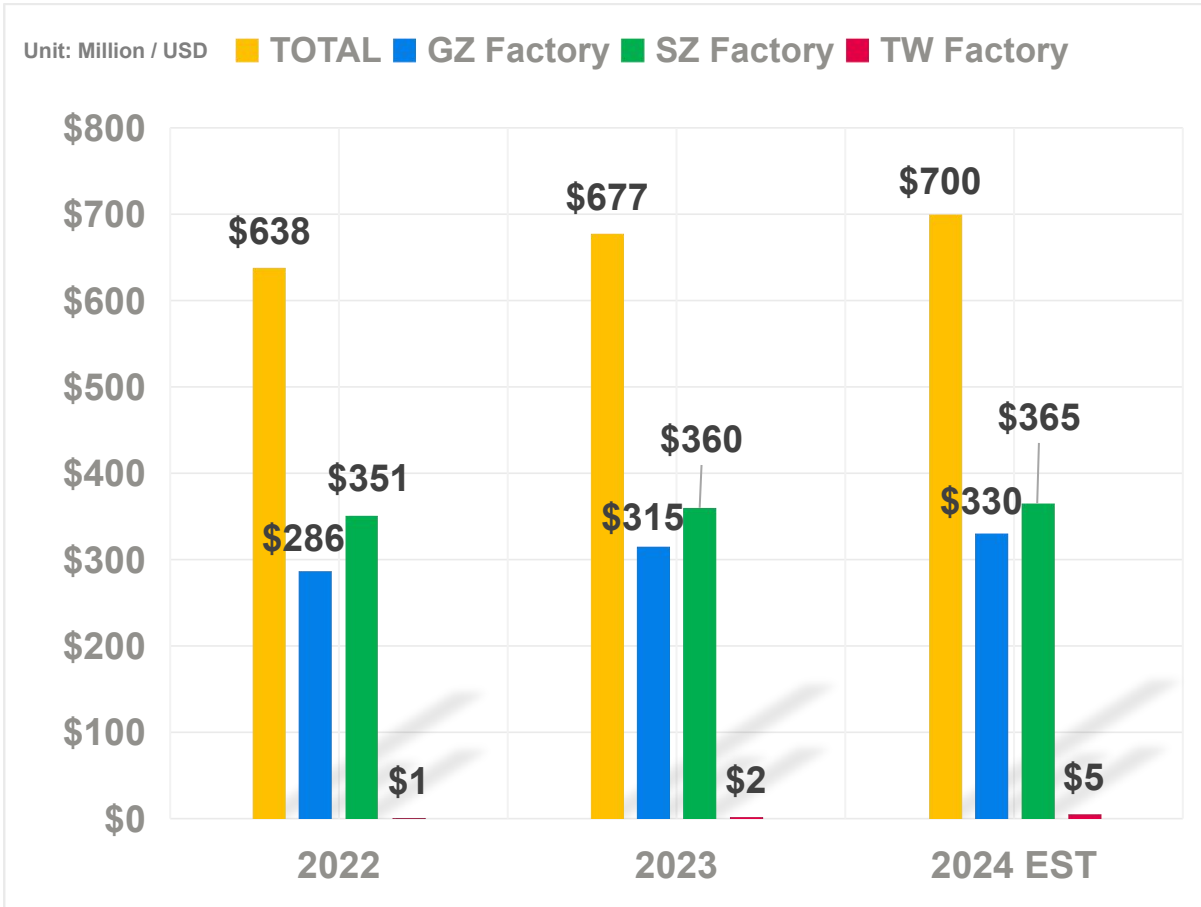
### Taiwan

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

- Industry Focus: Automotive, Industrial, Communication, Consumer and Medical Electronics.
- Key Products: Intelligent Building, ATMs, Security Systems, and Industrial Products, etc.



# REVENUE & MARKET



# PRODUCTS

## AUTOMOTIVE



- ECU
- ADAS
- Charger
- Digital Cluster 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 Charter

## CONSUMER & MEDICAL

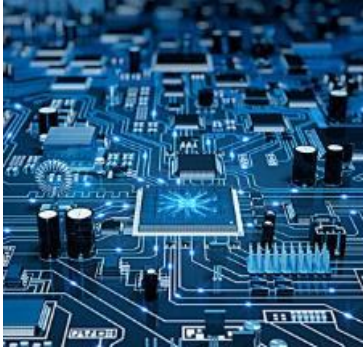


- Drone / UAV
- Gaming Computer / Mini MB
- Smart Wearable Device
- Guitar Pickup
- Facial Massager
- Cardiac Measurement
- Glucose Meter
- Fitness Belt





# 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



# EQUIPMENT

## 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

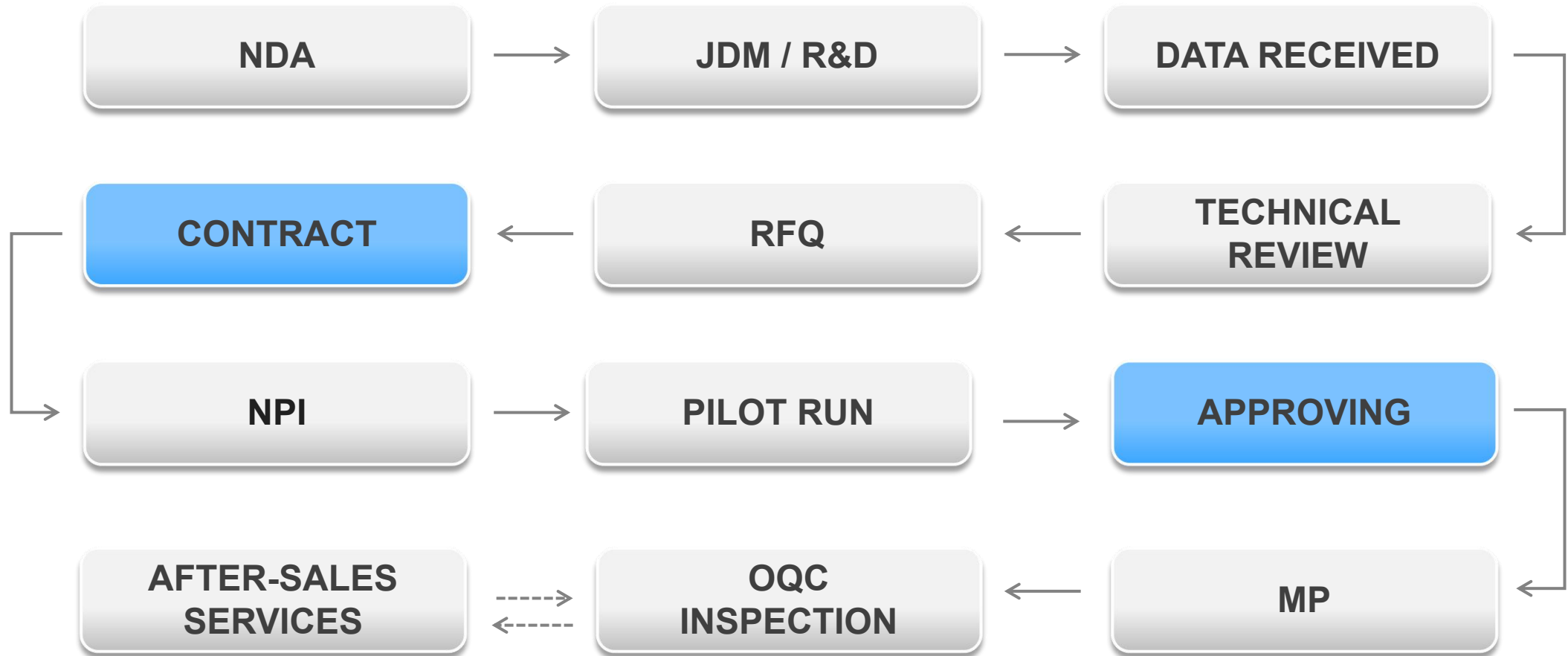
- PCB Appearance Check Machine
- OGP Image Measuring Instrument
- Solder Paste Thickness Tester
- ICT/X-ray
- FAI Tester
- Flying Probe
- Boundary Scan
- Customized ATE

## Reliability

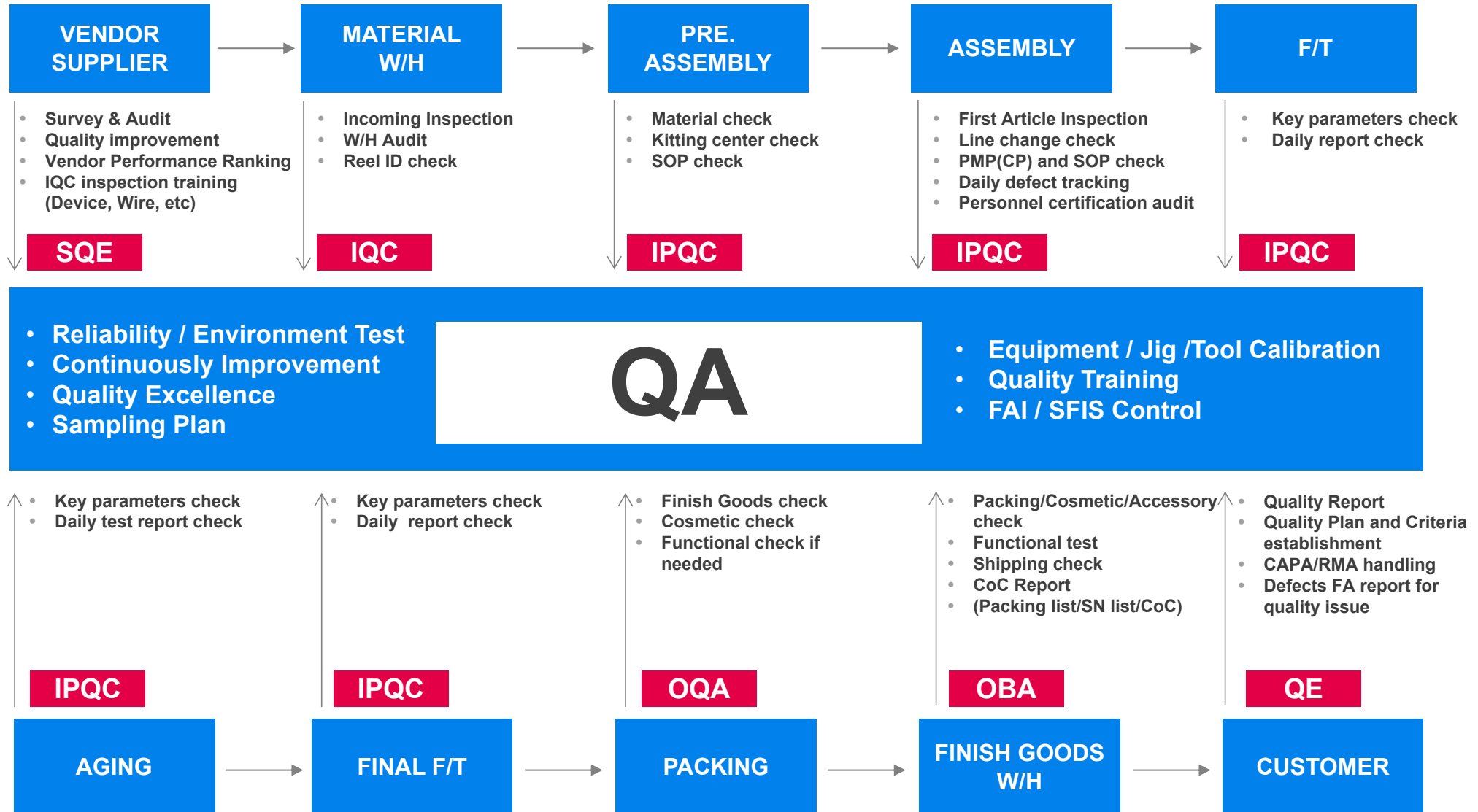
- Burning Room
- Salt Spray Tester
- Temperature & Humidity Chamber
- Vibration Tester
- Thermal Shock
- Drop Tester
- ESD Simulator
- Cross Section Inspection
- Dye and Pry



# SERVICE FLOW



# QUALITY ASSURANCE SYSTEM



# CERTIFICATIONS & PATENTS

## bsi. Certificate of Registration

质量管理体系 - ISO 9001:2015

地址: 广州科技(广州)股份有限公司  
15-18 号, 南岗大道, 广州自由贸易区, 广州  
广东  
广州南岗  
邮编: 510770  
中国

Prime Technology (Guangzhou) Inc.  
No. 15, Baiyang South Road  
Guangzhou Free Trade Zone  
Guangzhou  
Guangdong  
510770  
China

证书号: **FW 734025**  
发证日期: 2020-09-20 有效期至: 2024-09-20

认证范围: ISO 9001:2015 体系覆盖管理, 认证范围如下:  
印制电路板设计、组装、成品组装 (含车体群总装及附件产品)、  
移动通讯终端产品。  
The manufacturer of printed circuit board assemblies, cable assemblies, box build products (including vehicle and mobile communication terminal products),  
The manufacturer of mobile communication terminal products.

环境管理体系符合:  
ISO 14001:2015 标准  
认证范围: ISO 14001:2015 标准覆盖管理, 认证范围如下:  
印制电路板设计、组装、成品组装 (含车体群总装及附件产品)、  
移动通讯终端产品。  
The manufacturer of printed circuit board assemblies, cable assemblies, box build products (including vehicle and mobile communication terminal products),  
The manufacturer of mobile communication terminal products.

认证依据: 2019-11-02  
最新发证日期: 2024-09-20

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## DNV 管理体系认证证书

质量管理体系符合:  
ISO 14001:2015 标准  
认证范围: ISO 14001:2015 标准覆盖管理, 认证范围如下:  
印制电路板设计、组装、成品组装 (含车体群总装及附件产品)、  
移动通讯终端产品。  
The manufacturer of printed circuit board assemblies, cable assemblies, box build products (including vehicle and mobile communication terminal products),  
The manufacturer of mobile communication terminal products.

此证书对下列产品及服务范围有效:  
印刷电路板设计、组装及成品组装, 车灯/电视零件的制造、成品组装 (包括车载移动终端产品的制造)

认证依据: 2019-11-02  
最新发证日期: 2024-09-20

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严格遵循 ISO 9001:2015  
温室气体核算声明  
产上科技(广州)股份有限公司  
温室气体核算声明  
产上科技(广州)股份有限公司  
地址: 中国广东省广州市南岗大道南岗自由贸易区 15-18 号  
15-18 号, 南岗大道, 广州自由贸易区, 广州  
广东  
广州南岗  
邮编: 510770  
中国

SGS  
ISO 14064-1:2018  
温室气体核算标准  
产上科技(广州)股份有限公司  
认证范围: ISO 14064-1:2018 标准覆盖管理, 认证范围如下:  
印制电路板设计、组装、成品组装 (含车体群总装及附件产品)、  
移动通讯终端产品。  
The manufacturer of printed circuit board assemblies, cable assemblies, box build products (including vehicle and mobile communication terminal products),  
The manufacturer of mobile communication terminal products.

认证依据: 2024-05-19  
最新发证日期: 2024-05-19

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## bsi. Certificate of Registration

职业健康安全管理体系 - ISO 45001:2018

地址: 广州科技(广州)股份有限公司  
15-18 号, 南岗大道, 广州自由贸易区, 广州  
广东  
广州南岗  
邮编: 510770  
中国

Prime Technology (Guangzhou) Inc.  
No. 15, Baiyang South Road  
Guangzhou Free Trade Zone  
Guangzhou  
Guangdong  
510770  
China

证书号: **ONS 793618**  
发证日期: 2024-05-19 有效期至: 2027-05-19

认证范围: ISO 45001:2018 标准覆盖管理, 认证范围如下:  
印制电路板设计、组装、成品组装 (含车体群总装及附件产品)、  
移动通讯终端产品。  
The manufacturer of printed circuit board assemblies, cable assemblies, box build products (including vehicle and mobile communication terminal products),  
The manufacturer of mobile communication terminal products.

认证依据: 2024-05-19  
最新发证日期: 2024-05-19

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发明专利证书

发明名称: 一种车载移动终端产品  
发明人: 潘志华  
专利号: ZL 2018 2 1460034.0  
专利申请日: 2018年09月13日  
专利公告日: 2019年05月01日  
专利权人: 产上科技(广州)有限公司  
地址: 510770 广东省广州市南岗大道南岗15-18号

专利权人: 潘志华  
专利权人: 潘志华  
专利权人: 潘志华  
专利权人: 潘志华

证书号: 2019R100552

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实用新型专利证书

发明名称: 一种车载移动终端产品  
发明人: 潘志华  
专利号: ZL 2018 2 1460034.0  
专利申请日: 2018年09月13日  
专利公告日: 2019年05月01日  
专利权人: 产上科技(广州)有限公司  
地址: 510770 广东省广州市南岗大道南岗15-18号

专利权人: 潘志华  
专利权人: 潘志华  
专利权人: 潘志华  
专利权人: 潘志华

证书号: 2019R100552

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中华人民共和国国家版权局  
计算机软件著作权登记证书

软件名称: 产上科技(广州)有限公司  
V1.0  
著作权人: 产上科技(广州)有限公司

开发完成日期: 2018年05月01日  
首次发表日期: 2018年05月20日  
权利取得方式: 原始取得  
权利范围: 全部权利  
登记号: 2019R100552

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证书号: 2019R100552

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ISO9001    ISO14001    ISO14064-1    ISO45001

Green Mark    REACH    RoHS COMPLIANT    ISO    TÜV SÜD    UL    CCC    CE    IPC    ECCC    SGS

bsi. Certificate of Registration

质量管理体系 - IATF 16949:2016

地址: 广州科技(广州)股份有限公司  
15-18 号, 南岗大道, 广州自由贸易区, 广州  
广东  
广州南岗  
邮编: 510770  
中国

Prime Technology (Guangzhou) Inc.  
No. 15, Baiyang South Road  
Guangzhou Free Trade Zone  
Guangzhou  
Guangdong  
510770  
China

证书号: **USC 19243**  
发证日期: 2020-09-20 有效期至: 2024-09-20

认证范围: IATF 16949:2016 标准覆盖管理, 认证范围如下:  
印制电路板设计、组装、成品组装 (含车体群总装及附件产品)、  
移动通讯终端产品。  
The manufacturer of printed circuit board assemblies, cable assemblies, box build products (including vehicle and mobile communication terminal products),  
The manufacturer of mobile communication terminal products.

环境管理体系符合:  
ISO 9001:2015 AND TL 9000:2016 (9001) (含车体群总装及附件产品)  
(产品类别: 7.7.2)  
认证范围: ISO 9001:2015 AND TL 9000:2016 (9001) (含车体群总装及附件产品)  
(产品类别: 7.7.2)

认证依据: 2024-09-20  
最新发证日期: 2024-09-20

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Certificate of Approval  
This is to certify that the Quality Management System of  
PRIME TECHNOLOGY (GUANGZHOU) INC.  
15-18, Baiyang South Road, Guangzhou Free Trade Zone, Guangzhou, P.R. China  
has been audited in accordance with the requirements of EN 9100:2017 by Bureau Veritas  
Certification and conforms to the following Quality Management System Standard approval level:  
Standard:  
BS EN ISO 9001:2015  
EN 9100:2016  
(Technically equivalent to AS9100)  
Scope of certification:  
MANUFACTURE OF PRINTED CIRCUIT BOARD ASSEMBLIES AND BOX BUILD FOR  
AIRCRAFT INDUSTRY.

Bureau Veritas Certification

认证依据: 2024-09-20  
最新发证日期: 2024-09-20

BSI BUREAU VERITAS  
PRIME TECHNOLOGY (GUANGZHOU) INC.  
No. 15, Baiyang South Road Guangzhou Free Trade Zone, Guangzhou, China

Bureau Veritas has a BSI licence for the Management System of the above organisation. This licence allows Bureau Veritas to issue certifications in accordance with the requirements of BS EN ISO 13485:2016.

ISO 13485:2016  
Scope of certification:  
The Manufacture of Printed Circuit Board Assemblies and Box Build for Medical Device

认证依据: 2024-09-20  
最新发证日期: 2024-09-20

bsi. Certificate of Registration

信息安全管理体系 - ISO/IEC 27001:2022

地址: 广州科技(广州)股份有限公司  
15-18 号, 南岗大道, 广州自由贸易区, 广州  
广东  
广州南岗  
邮编: 510770  
中国

Prime Technology (Guangzhou) Inc.  
No. 15, Baiyang South Road  
Guangzhou Free Trade Zone  
Guangzhou  
Guangdong  
510770  
China

证书号: **IS 806152**  
发证日期: 2024-09-20 有效期至: 2024-09-20

认证范围: ISO/IEC 27001:2022 标准覆盖管理, 认证范围如下:  
印制电路板设计、组装、成品组装 (含车体群总装及附件产品)、  
移动通讯终端产品。  
The manufacturer of printed circuit board assemblies, cable assemblies, box build products (including vehicle and mobile communication terminal products),  
The manufacturer of mobile communication terminal products.

认证依据: 2024-09-20  
最新发证日期: 2024-09-20

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

IATF16949    TL9000    AS9100D    ISO13485    ISO27001

# 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



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



**Corporate Governance**  
VOCs Reducing



**Green Manufacturing**  
Packaging Design and  
Recycling



**Occupational Health and Safety**  
Safety Training



**Talent Growth**  
Staff ESG Training





# PRIMEIIC<sup>®</sup>

High Precision Electronic Product Design and Manufacturing Service Provider

