# MIJOINT

专注于AI高速线束、精密连接器、光纤、光模块等多个领域智能制造装备定制

**集销售、研发、生产、售后于一体的制造智能化解决方案提供商**

Specializing in customized smart manufacturing equipment for AI high-speed cables, precision connectors, fiber optics, optical modules, and other related fields.

**One-stop smart manufacturing solution provider integrating sales, R&D, production, and after-sales services.**



**敏匠智能科技（广东）股份有限公司**

*MIJOINT INTELLIGENT TECHNOLOGY (GUANGDONG) CO., LTD.*




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MIJOINT

01. PART ONE

# 公司简介

## Company Overview




*Mijoint Intelligent Technology*

# Company Overview

**Vision: To be the global leader in smart manufacturing turnkey solutions for the electronics and high-speed interconnect industries.**

Founded in 2018 and headquartered in Songshan Lake, Dongguan — a key innovation hub in China — MIJOINT specializes in custom smart manufacturing equipment for AI high-speed cables, connectors, fiber optics, optical modules, etc. We are a one-stop solution provider integrating R&D, manufacturing, and global after-sales services.

Driven by four core strengths—leading R&D technology, lean project management, built-to-spec flexibility, and scalable & efficient delivery—We empowers global leaders in consumer electronics, AI servers, data centers, 5G communications, and NEVs to reduce costs, boost capacity, ensure uncompromised quality, and stay ahead in the market.

With the mission of "Chinese Technology, Global Service, Empowering the Digital World," we are committed to delivering excellence worldwide.





**35000 ㎡**
Modern Facility Area

**5000+**
Equipment Units Delivered

**80+**
Global Customers

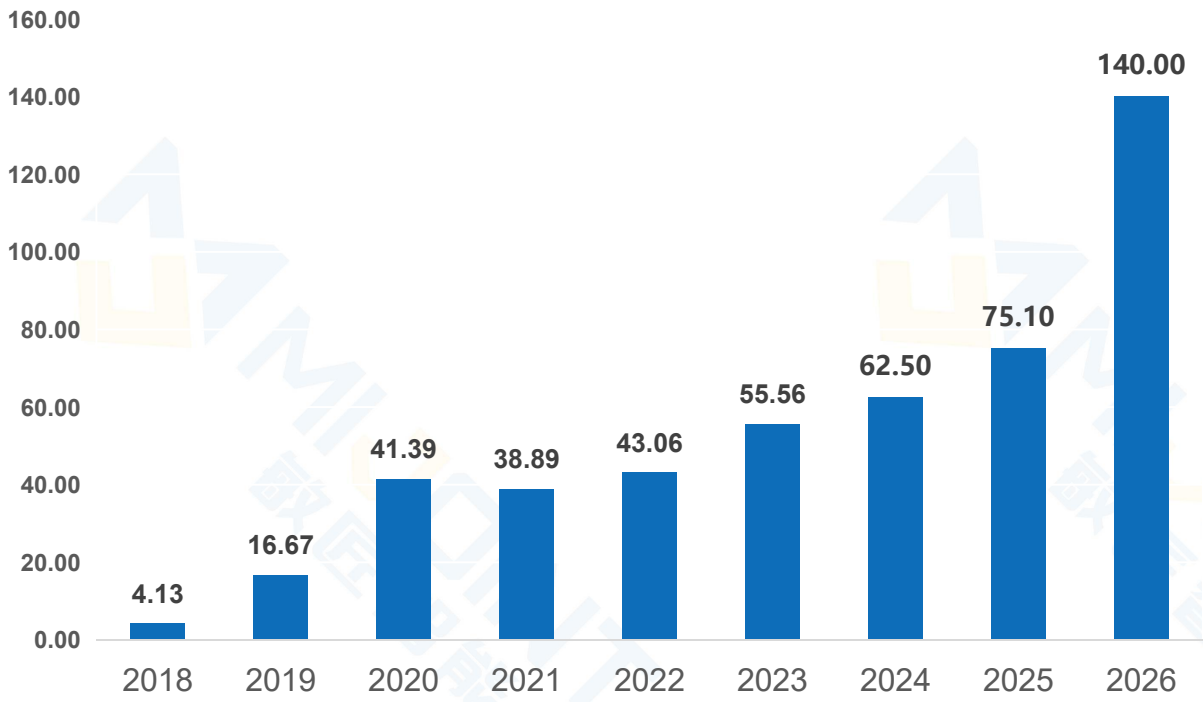
**150+**
Core Patents & Software Copyrights

**600+**
Total Workforce

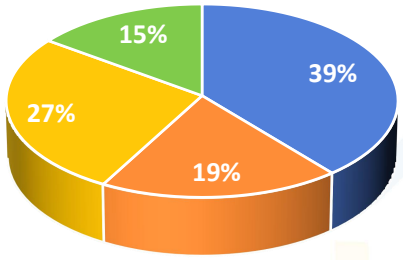
**200+**
R&D Engineers

# Mijoint Revenue Overview

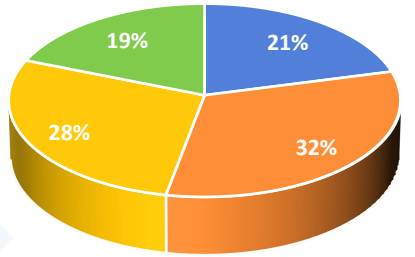
## Revenue (in Million USD)



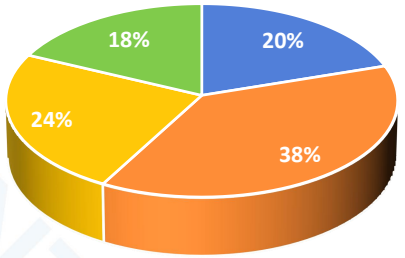

## Revenue Share



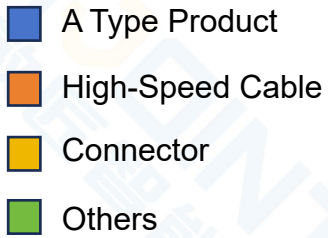

2024 Revenue Share




2025 Revenue Share




2026 Revenue Share

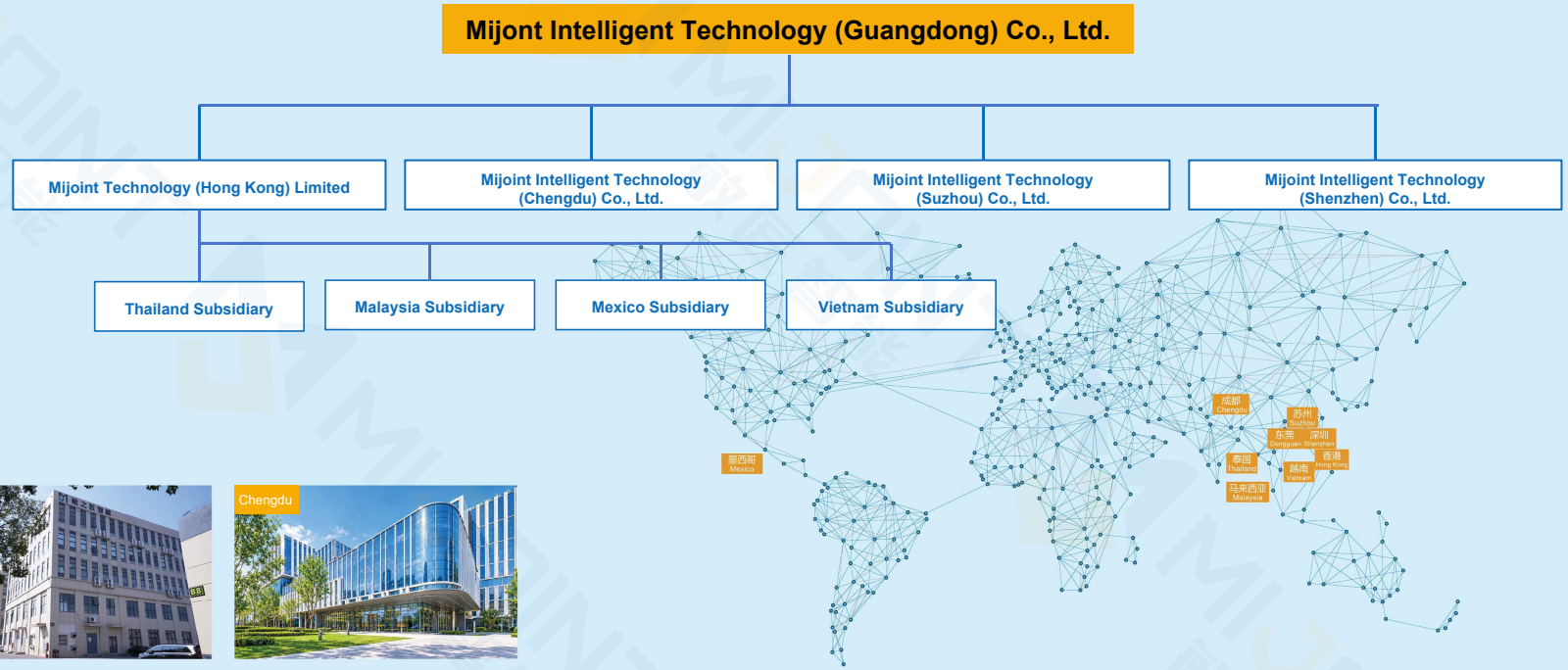



| Year | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 (FCST) |
|---|---|---|---|---|---|---|---|---|---|
| Revenue (in Million USD) | 4.13 | 16.67 | 41.39 | 38.89 | 43.06 | 55.56 | 62.50 | 75.10 | 140.00 |

| | | | |
|---|---|---|---|
| High-Speed Cable Revenue Share | 19% | 32% | 38% |
| Other Business Revenue Share | 81% | 68% | 62% |

# Global Footprint

Anchored in China with an expanding global footprint, MIJOINT has established overseas subsidiaries and regional offices in **Mexico**, **Vietnam**, **Malaysia**, and **Thailand**. By continuously broadening our global sales and field service network, we deliver responsive, localized support—ensuring seamless equipment operation and maximizing equipment ROI for international customers.
















# Major Global Client

TE connectivity
molex
LUXSHARE ICT
Amphenol
蓝思科技
BYD
Rosenberger
乾德电子 LINKCONN
FOXLINK
华丰 HUAFENG
SUNWODA 欣旺达
ELECTRIC CONNECTOR TECHNOLOGY
FOXCONN 富士康
中航光电 JONHON
IRISO
ShunSin
minzefen
colinker
VSO
ACES
ASK
OMRON
DESAY
Hisense
Goertek
LOTES
Blueway
金信诺 KINGSIGNAL

# Business Scope

MIJOINT delivers highly competitive, **customized smart manufacturing solutions** across key sectors — including **AI high-speed cables**, **precision connectors**, **fiber optics**, and **optical modules** — helping customers reduce costs, improve efficiency, expand capacity, and enhance quality to stay ahead in the market.

## Wire Harness Field


Paladin


Whisper


EXMAX

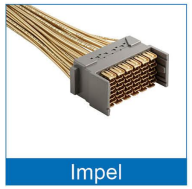

PCIe


CDFP


OTB


MCIO


QSFP-DD


Impel


Fakra


UBC


DSFP


Sliver

**Major Clients**

TE connectivity · molex · LUXSHARE ICT · 华丰 HUAFENG · Amphenol Industrial · AVIC 中航光电 JONHON

## Vision Inspection Machine (2D / 3D)

Dimensional Inspection + Vision Guidance + AI Deep Learning + Cosmetic Defect Inspection

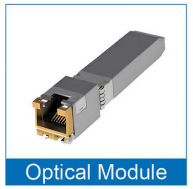
## Connector Field


Type-C

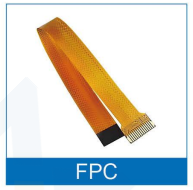

BTB


High-Speed Backplane


Fakra


Optical Module


I / O


FPC


Sim Card

**Major Clients**

Amphenol Industrial · FOXCONN 富士康 · LUXSHARE ICT · FOXLINK · LCN 乾德电子 LINKCONN · ELECTRIC CONNECTOR TECHNOLOGY

# Company Milestones

## 2018 Launching in Dongguan

1. Officially established in Dongguan;
2. Initiated strategic partnership with Foxlink.

## 2019 Driving Innovation

Partnered with industry leader Komax to successfully develop the company's first automatic FAKRA harness assembly machine.

## 2020 Expanding to Chengdu

1. Established Chengdu subsidiary;
2. Qualified for Apple's APAC supply chain, while simultaneously establishing partnerships with Luxshare, Foxconn, Amphenol (Changzhou), etc.

## 2021 Deepening Diversification

1. Partnered with LOTES and Luxshare on high-speed cable projects;
2. Worked with Goertek on automation for Apple acoustic products;
3. Collaborated with IRISO (Japan) on an automotive I/O projects.

## 2022 Establishing East China Footprint

1. Suzhou subsidiary officially commenced operations;
2. Partnered with Molex on high-speed external cable projects, optimizing domestic industrial footprint.

## 2023 Forging Strategic Alliances

1. Collaborated with TE on high-speed cable assembly and related projects;
2. Partnered with Amphenol (Chengdu);
3. Established partnership with Rosenberger.

## 2024 Venturing Overseas

1. Officially began collaboration with ASK and FCI;
2. Established overseas offices in Mexico and Vietnam.

## 2025 Scaling Global Ecosystem

1. Mijoint acquired Shenzhen Synteda Automation Equipment Co., Ltd.;
2. Established subsidiaries in Malaysia and Hong Kong;
3. Steadily advancing the establishment of Thailand subsidiary, building an international industrial ecosystem.

MIJOINT

# 02. PART TWO →

# 核心优势

## CORE ADVANTAGES




*Mijoint Intelligent Technology*

# Four Core Advantages



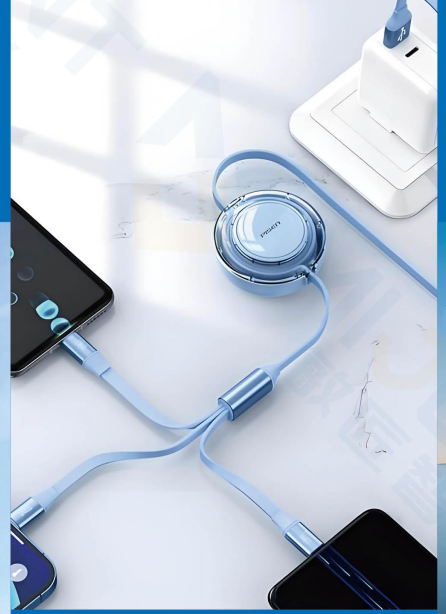

AI 服务器
AI Server



数据中心
Data Center



5G 通讯
5G Communication



消费电子
Consumer Electronics



新能源汽车
New Energy Vehicle



工业自动化
Industrial Automation

## (1) Leading R&D Technology

- A professional R&D team of **200+** members, with most of core members hailing from **Fortune Global 500 companies** and averaging **15+** years of engineering experience in the industry.
- **Exploration and application of cutting-edge technologies:** resistance welding, laser welding, and solder ball jetting processes; high-speed maglev systems; AI deep learning-based intelligent inspection technology...

## (2) Lean Project Management

- We've established a rigorous, lifecycle-wide project management system delivering strict oversight across **confidentiality**, **R&D**, **machining**, **quality**, **supply chain**, and **after-sales service**.

## (3) Built-to-Spec Flexibility

- With years of industry experience, we've established **four technology pillars** centered on **high-precision component assembly**, **modular flexible manufacturing integration**, **fully automated auxiliary tooling processes**, and **intelligent electrical/software control systems**.
- Our engineering practices extensively cover core processes including **wire harness processing**, **precision assembly**, **high-precision welding**, and **intelligent inspection**.

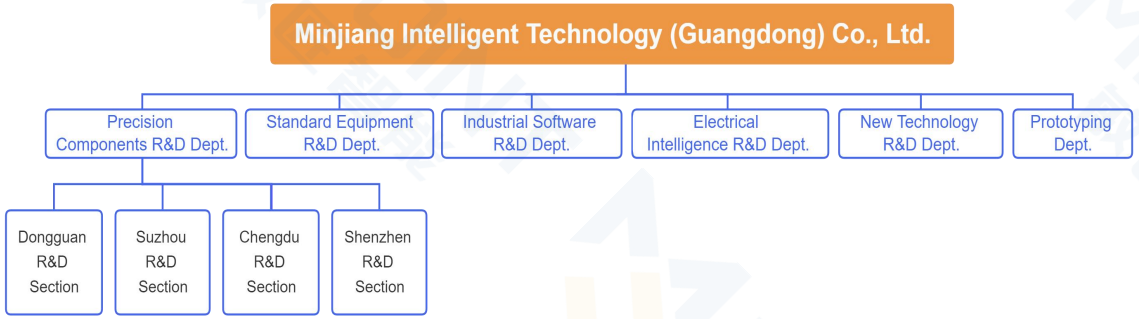
## (4) Scalable & Efficient Delivery

- Through **standardized workflows**, **mature assembly techniques**, and **efficient scheduling**, we've significantly shortened manufacturing, integration, and debugging cycles without compromising quality or performance.
- Boasting a **35,000 m²** modern production facility with world-class precision machine tools, we're fully capable of delivering turnkey lines **on a large scale**, with **high efficiency** and **rapid response times**.

# Leading R&D Technology

## Core R&D Team Strength

MIJOINT R&D Center operates **six specialized departments**: **Precision Components**, **Standard Equipment**, **Industrial Software**, **Electrical Intelligence**, **New Technology**, and **Prototyping**. Our professional R&D team consists of **over 200 members**, with mid-to-senior engineers accounting for **50%**. Most core R&D personnel come from **Fortune Global 500 companies**, and **possess an average of over 15 years of industry experience**.




### Engineering Track Record

Team members have long developed automated and intelligent equipment for **Fortune Global 500 companies** (such as Apple, Molex, Amphenol, and TE Connectivity), totaling nearly thousands of units.

### Professional Background

Core members mostly hail from **Fortune Global 500 companies**, bringing an average of **over 15 years** of industry experience.

**200+**
R&D Team Members

**50%**
Mid-to-Senior Engineer

MIJOINT

**150+**
Core Patents & Software Copyrights

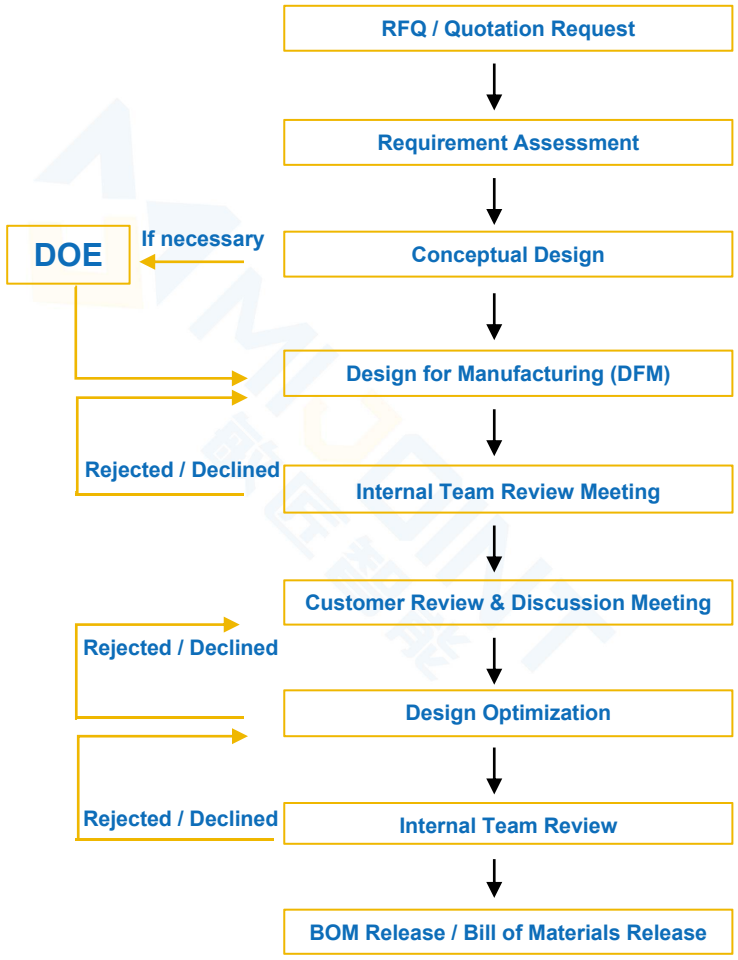
**6**
Specialized R&D Teams



# Leading R&D Technology

## Engineering & Design Capabilities

### General Process of Design for Manufacturing (DFM)




### Review Evaluation Sheet / Design Management Process / Design Change Management



敏匠智能科技（广东）股份有限公司 MIJOINT INTELLIGENT TECHNOLOGY (GUANGDONG) CO., LTD. 四级文件编号：MJZN. 80-4-001（A0）

市场项目评估单

表单编号：

一、需求部分（营销中心填报）

1.1 客户与项目基础信息

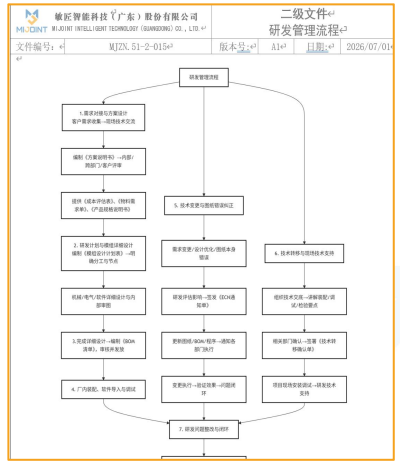
| | | | |
|---|---|---|---|
| 客户名称 | 东莞艾讯电线电缆有限公司 | | |
| 客户类型 | ☑新客户 □新行业新客户 □老客户新项目 □老客户派发项目 | | |
| 客户对接人 | 袁根 | 联系电话 | 15015368125 |
| 销售工程师 | 彭柱波 | 销售经理 | 付凯 |
| 项目名称 | MCIO 8X半自动线 | | |
| 项目类型 | ☑全新整线自动化设备 □全新单机设备 □旧设备改造升级<br>□专用工装治具定制 □模组单元开发 | | |
| 项目描述 | 客户是新跨入高速线行业，需要采购2条MCIO 8X的设备 | | |
| 项目预估等级 | □常规普通项目 ☑重点项目 □重大特殊项目 | | |

1.2 商务与预算信息

| | |
|---|---|
| 客户预算区间 | □10 万元以内 □10-50 万元 □50-100万元 ☑100万元以上<br>□客户无明确预算，需我方报价 |
| 价格限制要求 | ☑无价格上限 □客户明确限价（上限金额：_____万元） |
| 付款方式要求 | □预付 30%+ 尾款 70% □预付 50%+ 尾款 50%<br>□月结 ☑其他（填写：____预付款30%出货款40%尾款20%，1年质保10%） |

1.3 竞争对手情况

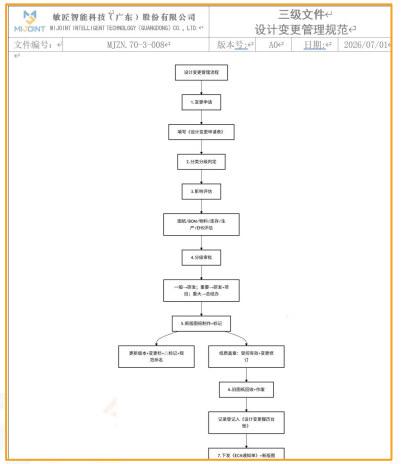
| | |
|---|---|
| 主要竞争对手 | □无明确竞争对手 □客户现有合作供应商<br>☑国内同行（_____厦斯特、_____、_____）<br>□国际品牌（_____） |
| 客户对竞品关注点 | ☑价格 ☑技术方案 ☑交付周期 □品牌口碑 ☑售后能力 |
| 我方竞争优势 | 服务态度好，一直为提供行业最优服务 |
| 我方竞争劣势 | 1.6m芯线处理设备设计不够完善存在一定缺陷，现有设计模组只支持1出1，不足以满足1出2，需要调整设计。价格比对手（最低）高14.7% |



敏匠智能科技（广东）股份有限公司 MIJOINT INTELLIGENT TECHNOLOGY (GUANGDONG) CO., LTD.

二级文件
研发管理流程

文件编号：MJZN. 51-2-015 版本号：A1 日期：2026/07/01



敏匠智能科技（广东）股份有限公司 MIJOINT INTELLIGENT TECHNOLOGY (GUANGDONG) CO., LTD.

三级文件
设计变更管理规范

文件编号：MJZN. 70-3-008 版本号：A0 日期：2026/07/01

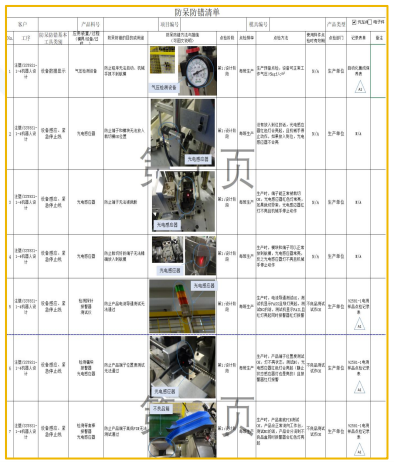
### Design of Experiments (DOE) / Design Failure Mode and Effects Analysis (DFMEA) / Error-Proofing (Poka-Yoke) / Safety Checklist



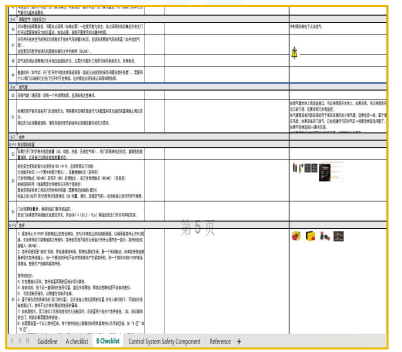
结论

敏匠智能科技(广东)股份有限公司

| 检测项 | 结论 | 风险点 |
|---|---|---|
| 工位一检测产品正反。 | 1.产品1：可检测正反。<br>2.产品2：不可检测。（正反是一样）<br>3.产品3：可检测正反。<br>4.产品4：可检测正反。<br>（兼容4款产品，分4个工程） | 备注：<br>1. 设备需静态检测，保证来料稳定，成像清晰。<br>2. 产品无翘起、变形，正反特征无污染或损伤，需要保证产品来料的一致性。<br>（由于产品高度不同，2轴需要可升降。） |
| 工位二检测xx叶有无和有无孔。 | 1.产品1：可检测xx叶和卡扣有无孔。<br>2.产品2：可检测xx叶和卡扣有无孔。<br>3.产品3：可检测xx叶和卡扣有无孔。<br>4.产品4：可检测xx叶和卡扣有无孔。<br>（兼容4款产品，分4个工程）<br>（只能检测铜箱明显的没粘上的产品） | |



防呆防错清单



# Leading R&D Technology

## Team R&D Strength

**Mijoint Intelligent Technology (Guangdong) Co., Ltd.**

### Precision Components R&D Dept.

- Type-C Series Equipment
- AirPods Series Equipment
- BTB (Board-to-Board) Connector Series Equipment
- FPC (Flexible Printed Circuit) Series Equipment
- Flexible PCB Series Equipment

### Standard Equipment R&D Dept.

- Laser Wire Stripping Series Equipment
- Cutting Series Equipment
- Mechanical Wire Stripping Series Equipment
- Crimping Series Equipment
- Soldering Series Equipment
- Welding Series Equipment
- Wire Harness Equipment Turnkey Line Integration
- Fiber Optics Equipment Turnkey Line Integration

### Industrial Software R&D Dept.

- Host Computer Software
- Machine Vision Algorithms
- Motion Control Software
- MES Integration

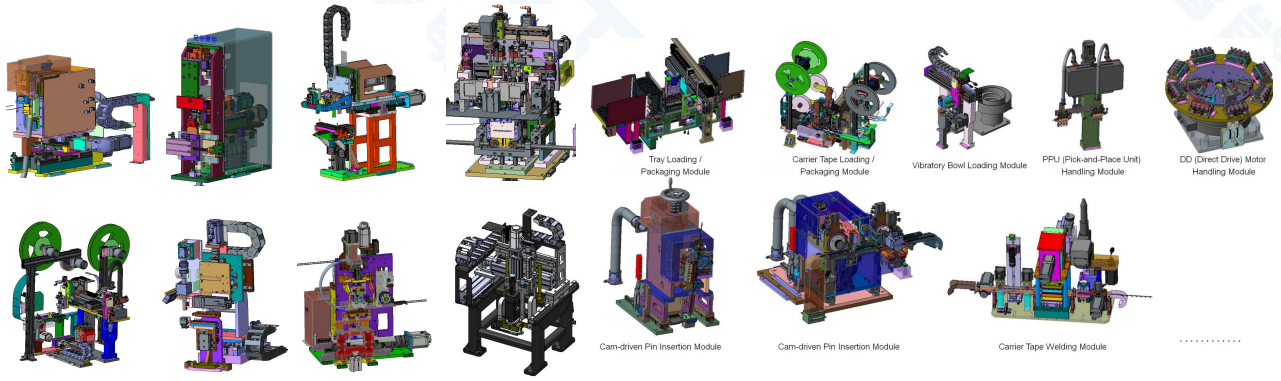
### Intelligent Electrical Control R&D Dept.

- Motion Control Systems
- PLC Programming Development
- Servo Drive Systems
- Sensor Integration Application
- Electrical Control Cabinet Design

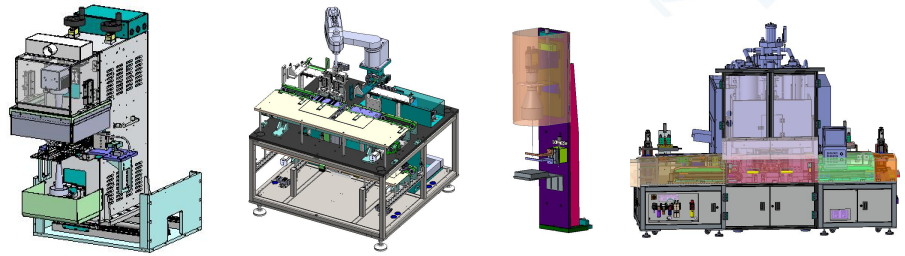
### New Technology R&D Dept.

- AI Intelligent Inspection
- High-precision Inline Inspection
- New Material Processing Applications
- Frontier Technology Pre-Research

### Assembly Modules (Cables / Connectors / Others)




### Integrated Modules (Laser / Robot / Vision / Molding)



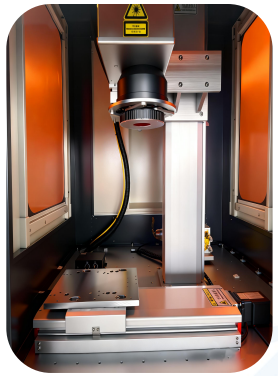
# Leading R&D Technology

## Advanced Exploration of Cutting-Edge Technologies



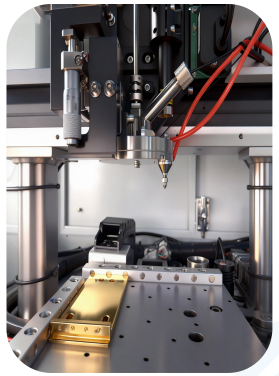
### Resistance Welding

Covers single-point, multi-point, and single-sided resistance welding processes, and includes technical research on post-welding height measurement feedback, and welding joint parameter logging and inspection.



### Laser Welding

Implements both infrared and green laser welding technologies, and explores diverse process applications including butt welding, lap welding, and brazing.



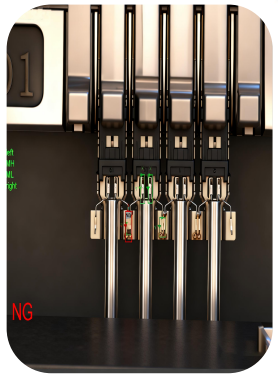
### Solder Ball Jetting

Conventional solder ball diameters of 0.2/0.25/0.35/0.4/0.5 mm are already in mature application, with concurrent exploratory applications of millimeter-level ball diameters for the semiconductor industry.



### Magnetic Levitation Track

In partnership with leading manufacturers, magnetic levitation has been extensively utilized in Project A for various stages including handling, reflow, and loading—accumulating rich, practical project expertise.




### AI Deep Learning

Driven by a dedicated R&D team, AI deep learning algorithms are maturely applied in solder joint inspection, surface contamination, and defect detection—significantly improving inspection accuracy and efficiency.

### Continuous Innovation, Leading the Future of Manufacturing

# Leading R&D Technology

## FAT | Factory Acceptance Test

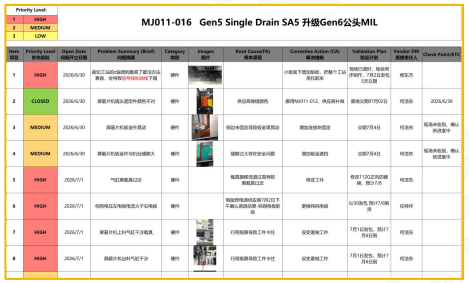
- Customer provides large-batch raw materials.
- Customer on-site / First Article Inspection (FAI)
- Pilot run validation: Verifying Overall Equipment Effectiveness (OEE), cycle time, yield, Measurement Systems Analysis (GRR), Mean Time Between Failures (MTBF), and safety performance.
- Shipment after customer FAT approval
- Equipment installation & setup at customer site
- FAI / Pilot run / Ramp-up to target capacity

## SAT | Site Acceptance Test

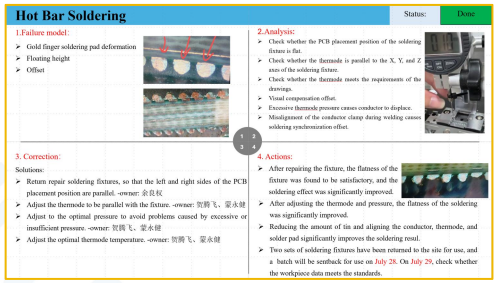
- Customer provides small-batch raw materials.
- Customer inline inspection
- FAI
- Shipment after customer SAT approval
- Equipment installation & setup at customer site
- FAI / Pilot run / Ramp-up to target capacity

## Validation Implementation / Related Quality Activities

### Material Batch Tracking Sheet



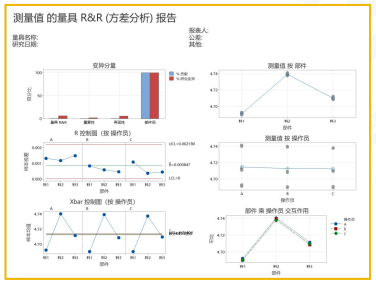

### Failure Analysis (FA) Report



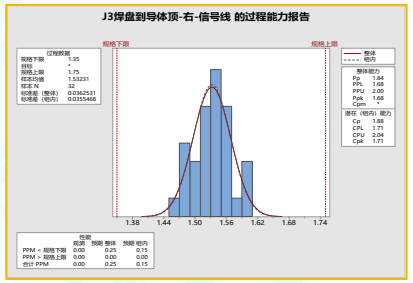

### Lessons Learned Summary




### GRR Analysis




### Process Capability Study




## Delivery Documentation (Customer Deliverables)

| | | | | | |
|---|---|---|---|---|---|
| 1.Operator Manuals | 2026/8/2 18:14 | 6. Assembly drawings and sub-assembly ... | 2026/8/12 15:13 | 11.Mexican calibration materials | 2026/8/12 21:42 |
| 2.Equipment Maintenance Plan | 2026/8/2 18:32 | 7、All programmable devices with annot... | 2026/7/13 11:48 | 12.Statistics of computer system models | 2026/8/2 18:13 |
| 3.Equipment circuit diagram and pneum... | 2026/5/22 10:39 | 8.layout | 2026/8/2 18:59 | 13.3D machine(OK) | 2026/6/1 18:41 |
| 4. Mechanical drawings (manufacturing ... | 2026/8/12 15:07 | 9.Wear-prone parts | 2026/8/13 8:43 | CDFP Belt List 20260610 | 2026/6/10 14:05 |
| 5.List of spare parts | 2026/8/12 15:12 | 10.Fixture | 2026/7/31 20:08 | CDFP Belt | 2026/6/10 9:59 |

# Lean Project Management

A lifecycle-based project management system has been established, with key controls over confidentiality, R&D, manufacturing, quality, supply chain, and after-sales service—ensuring safe, efficient, and high-quality delivery for every project.

## Confidentiality Control

- Designated, single point-of-contact (SPOC)
- Strict workshop access control
- Document encryption and Non-Disclosure Agreements (NDAs) signed by all staff
- Tailored confidentiality measures based on customer requirements

## R&D Control

- Process experience guidance and detailed Design for Manufacturing (DFM)
- DOE validation and a multi-round review mechanism for optimal solution
- Platform-based and modular design principles to enhance system adaptability
- Highly reusable proven module library to improve design efficiency

## Machining Control

- Rigorous inspection of critical specifications and dimensions for machined parts
- Additional pre-assembly verification step for high-precision module components
- In-house precision machining of core components (e.g., cutting tools)

## Quality Control

- A closed-loop quality system covering prevention, control, and review
- Strict quality control systems across all stages, from incoming raw materials to final shipment
- Completion of equipment validation and testing as per customer requirements

## Supply Chain Control

- Digitized warehouse and inventory management
- Regular supplier audits and performance evaluations
- Standard parts sourced strictly from first-tier authorized distributors and original equipment manufacturers (OEMs)

## After-Sales Control

- Dedicated on-site support for 3-6 months during the early delivery stage
- 24/7 on-call engineer response for technical support
- Specialized hands-on training for customer O&M (Operation & Maintenance) teams

# Built-to-Spec Flexibility

## In-house R&D

### The core engine driving Mijoint's rapid growth

### Four Technology Pillars

**01**

**High-precision Component Assembly**

In-house R&D of core precision parts with micron-level assembly processes

**02**

**Modular Flexible Manufacturing Integration**

Modular architecture design for flexible line reconfiguration and expansion

**03**

**Fully Automated Auxiliary Tooling Processes**

End-to-end automation across tooling upstream and downstream operations, minimizing manual intervention

**04**

**Intelligent Electrical/Software Control Systems**

Full-stack, self-developed control systems and industrial software driven by real-time data

### Industry Applications

**Wire Harness Processing · Precision Assembly · High-Precision Welding · Intelligent Inspection**

### Full-Stack In-House Standardized Platform

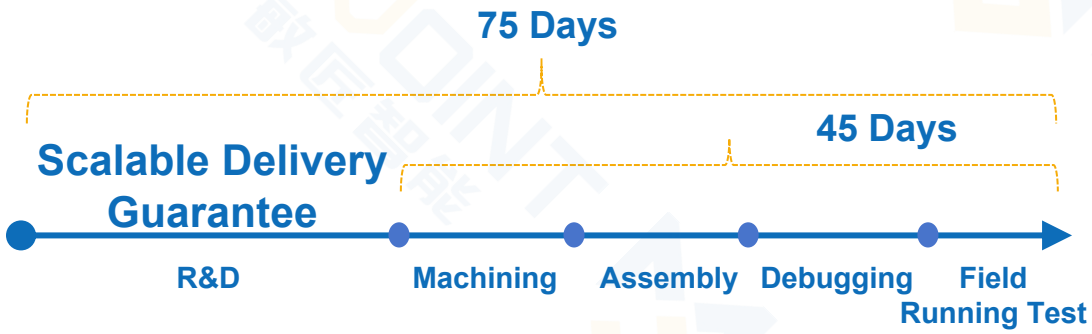
**Functional modules can be assembled and disassembled quickly with high flexibility** like **" buding LEGO bricks,"** and **can be customized to meet specific needs**, providing customers with highly competitive customized solutions and standardized products.

### Co-Development with Premium Customer

We closely follow **the new product development trends of global leading customers**. By actively participating in **early-stage feasibility studies** involved in their production, we continuously strengthen **the development and reserve of matching cutting-edge technology resources**.

# Scalable & Efficient Delivery

Boasting a **35,000 ㎡** standardized manufacturing base equipped with international high-end precision machine tools, Mijoint offers **scalable, efficient, and responsive turnkey line delivery**. The delivery cycle for **non-standard development orders is controlled within 75 days**, while **replicated production line orders can be delivered in just 45 days**. For customized production scenarios, **we provide fully tailored, end-to-end on-demand custom services—from initial concept design to final deployment**—supporting various orders including **individual non-standard stand-alone machines**, **customized complete lines**, and **batch custom equipment**.







**35000㎡**
Modern Facility Area

**330+**
Skilled Manufacturing Staff

**260+**
After-Sales Technical Staff

**200+**
R&D Team Members

**80+**
Mature Supplier Partners

# Scalable & Efficient Delivery

## Quality Control System

### Three-sphere Quality Control System

#### Standard Framework

Strictly complys with relevant standards and specifications defined by national, industry, and customer quality control documents.

#### Process Control

Establishes quality control systems for key stages from project initiation to closure.

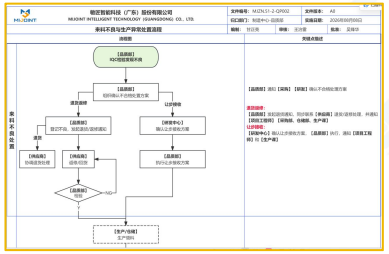
#### Project Requirements

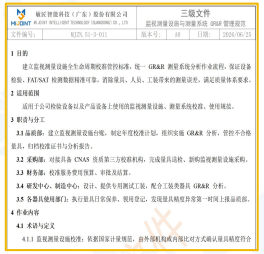
Adheres to the principle of "project customization," implementing quality control measures specific to customers and projects.

### Quality Control Documentation

- MJZN.51-2-QP001 制造中心-品质部-品质管理流程
- MJZN.51-2-QP001 制造中心-品质部-品质管理流程
- MJZN.51-2-QP002 制造中心-品质部-来料不良与生产异常处置流程
- MJZN.51-2-QP002 制造中心-品质部-来料不良与生产异常处置流程
- MJZN.51-3-007 机加工件来料检验标准 A0 20260612
- MJZN.51-3-008 加工件收货管理规范 A0 20260615
- MJZN.51-3-009 不合格及纠正预防措施管理规范 A0 20260625
- MJZN.51-3-010 设备 FAT&SAT 验证管理规范 A0 20260625
- MJZN.51-3-011 监视测量设施与测量系统 GR&R管理规范 A0 20260625

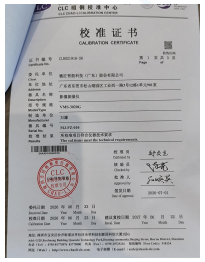
### Corrective Guidance / Rectification Guidelines





### Regular Equipment Calibration



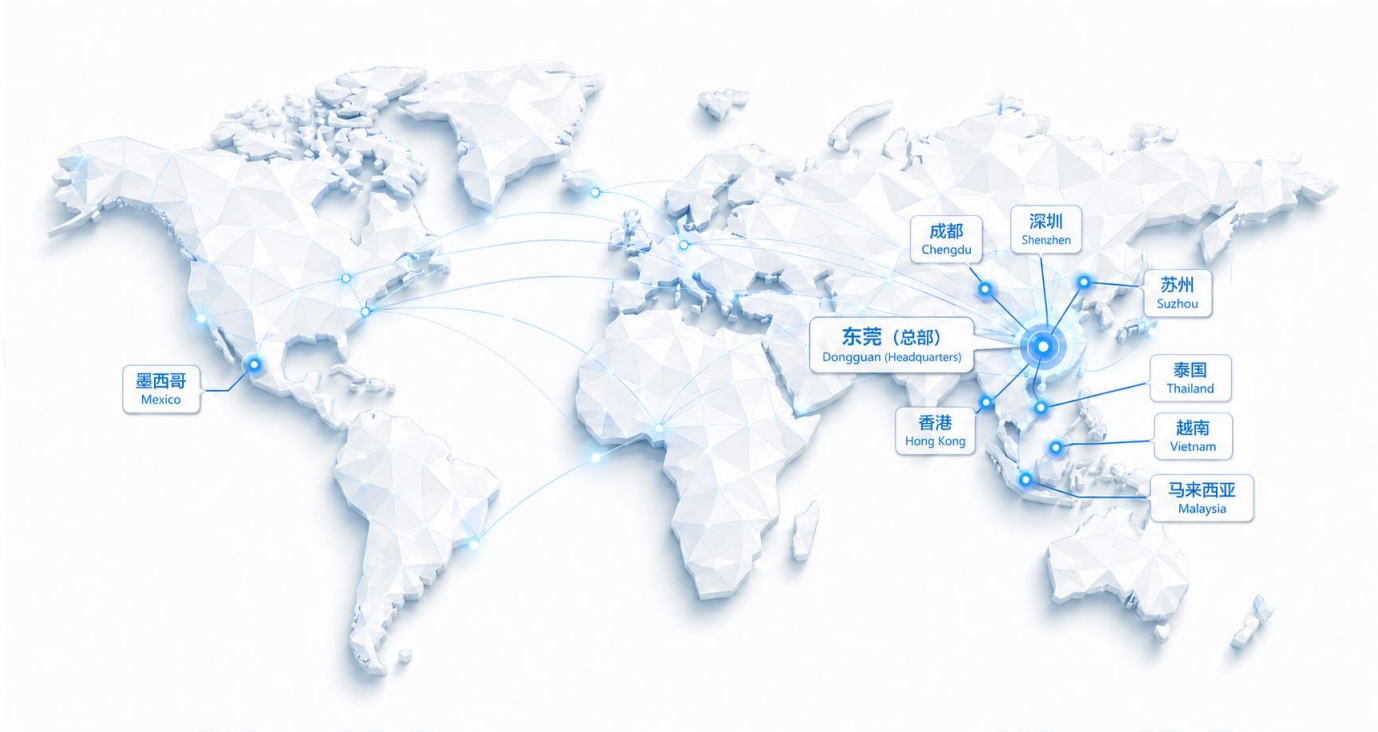





# Scalable & Efficient Delivery

## Global Sales & Service Network

Established subsidiaries and after-sales service centers in **China**, **Malaysia**, **Vietnam**, **Thailand**, **Mexico** to build a borderless sales and service network—**ensuring faster cross-regional service and O&M response**.




### Fault Repair & Response Mechanism

**Phone / Instant Messaging Remote Response:** Reply within 30 mins.
**Remote Assistance:** Prioritize remote resolution.
**On-Site Support:** 2-hour dispatch response, 24-hour on-site arrival.

### Comprehensive After-Sales Coverage

**Domestic Field Team:** A dedicated team of **260+** after-sales engineers, with dedicated follow-up for each project, ensuring rapid on-site dispatch for any anomalies.
**Overseas After-Sales Team:** Dedicated after-sales teams established based on actual customer and project needs to guarantee timely response to customer O&M requirements.

### Dedicated Delivery Services for Leading Customers

Mijoint has become a core supplier for world-leading brands such as **TE Connectivity**, **Molex**, and **Amphenol**, while establishing close strategic partnerships with top Apple supply chain manufacturers like **Foxconn** and **Luxshare Precision**. We have served **80+** industry customers, with a cumulative delivery of **5,000+** equipment units spanning across **10+** countries and regions worldwide.

# Scalable & Efficient Delivery

## Precision Manufacturing Capability

Equipped with domestic and international high-end machining equipment—including Japanese wire EDM centers, Beijing precision engraving machines, Taiwanese CNC surface grinders, large-scale CNC milling centers, and high-precision measuring instruments—achieving micron-level machining accuracy to guarantee superior product manufacturing quality.



Japanese Wire EDM Center



Beijing Precision Engraving Machine



Taiwanese CNC Surface Grinder



Large-Scale CNC Milling Center



MAZAK



DMG



MAKINO



YASDA



2D Image Measuring Instrument



3D Vision Measuring System



Contact Coordinate Measuring Machine (CMM)



MITUTOYO High-Precision Height Gauge

MIJOINT

Linkedin

Youtube

Facebook

微信公众号
WeChat Official Account

抖音号
Douyin

海外官网
Overseas Official Website

# 感谢聆听

# THANK YOU FOR LISTENING


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