



# STARTEAM

Exceeding Manufacturing

## EXCEEDING MANUFACTURING

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STARTEAM is a leading Printed Circuit Boards (PCB) manufacturer, technology and solution provider. Established in 2021 through the merger of CML, CIA, and Jiangyou STARTEAM, we bring together more than 35 years of experience in the PCB industry. We expanded our operations by opening new facilities in Prachinburi, Thailand (PST) in September 2023, and in Flero, Italy (FST) in June 2024, complementing our existing operations in Jiangyou, China (JST). STARTEAM helps corporations and small-to-medium enterprises (SMEs) to provide impactful solutions by Exceeding Manufacturing.

## VISION

STARTEAM is a globally recognized manufacturer delighting by exceeding customer expectations through advanced and sustainable solutions for everything that we do.

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## MISSION

WE CARE ABOUT

## RELIABLE CONNECTIONS

We are in the 'connection business' because the products and solutions we offer to our customers help to create connections within their products. The concept of 'Reliable Connections' is not limited to our products and solutions but extends to the human level as well.

## VALUES

Our company values are the beliefs and principles that drive STARTEAM business. They give us a common purpose and explain 'how' we work towards and achieve our vision.

RESPONSIBILITY

TEAMWORK

HONESTY

DETERMINATION

# GLOBAL PRESENCE



1000+ employees globally



Production facilities in Jiangyou, CHINA, Prachinburi, THAILAND and Flero, ITALY



Over 1.5M m<sup>2</sup> production capacity per month




Group turnover 2023 – 218M USD  
Est. turnover 2024 – 230M USD


● Main offices ○ Sales offices


● Prototype & quick turn facilities

## OUR CHINA FACTORY - JST




 Jiangyou, Sichuan, China

 1-10 layers, aluminum, special materials, heavy copper up to 105µm, z-axis depth routing

 600+ employees

 German / Chinese management

 30,000 m<sup>2</sup> of production area


 Smart Manufacturing with integrated AI use cases to drive efficiency, quality, traceability and sustainability


 Capacity 2024: 70,000 m<sup>2</sup>/month

 100% of our automotive part numbers are assured by AVI

## OUR THAILAND FACTORY - PST





 304 Industrial Park, Prachinburi Thailand


 2-16 layers within 2024  
HDI within 2025


 150+ employees

 German, Chinese, Hong Kong & Thai PCB expert management

 10,000m<sup>2</sup> of production area

 Smart Manufacturing set-up with integrated AI use cases

 Target capacity end of 2024: 25,000 m<sup>2</sup>/month

 'China + 1' strategy for supply risk management

# OUR ITALY FACTORY - FST



# OUR FOCUS

## Automotive 60%



- Auto lighting
- Control units
- Heating system
- Battery management for e-mobility
- Telematics

## Industrial 12%



- Test & measurement
- Process control & automation
- Safety equipment
- IoT & smart products

## Telecommunication 9%



- LTE & 5G devices
- 5G signal station
- Server comms units
- IoT & mobile devices

## Energy & Lighting 8%



- Energy generating
- Heating system
- Solar power
- Emergency power

## Consumer 6%



- White goods
- Weighing scale
- Home automation
- Office equipment
- Audio & video

## Medical 5%



- Ventilator
- Thermometer
- Dialysis machine
- Diagnostic device

# FROM PROTOTYPES TO VOLUME MANUFACTURING

Flero, Bresica, Italy

Experienced team in place, backed by our European branches

1,000 m<sup>2</sup> of production area

Capacity 2024: 500 m<sup>2</sup>/month  
Capacity 2025: 1,000 m<sup>2</sup>/month

1-2 layers, starting Q1/2025  
1-6 layers, PTFE base material (teflon) for high-frequency applications

German / Italian management

Production & Leadtime:

Prototype	0,01 m <sup>2</sup> to 2 m <sup>2</sup>	LT 8 days
HMLV	up to 12 m <sup>2</sup>	LT 3 weeks
Quick Turn	HASL-LF	LT 5 days
Standard Leadtime		LT 4 weeks



Our engineers are your engineers



Global data management with Insight, InCAM Pro and Genesis



Prototypes supplied locally from our dedicated prototype facilities



Cooperation throughout the entire PCB product lifetime

- German-owned PCB Manufacturer in China and Thailand, German quality combined with Asian efficiency
- All technologies supplied by our factory and our manufacturing partners

# OUR SERVICES & EXPERTISE

- We utilize a centralized PCB Gerber data management system with Insight, InCAM Pro & Genesis
- Full traceability of data to ensure that there is synchronization of the latest revisions distributed to all our locations
- Every process step is controlled by our experienced engineers



## MANUFACTURING DATA CONTROL



## DFM & PROTOTYPE SERVICE

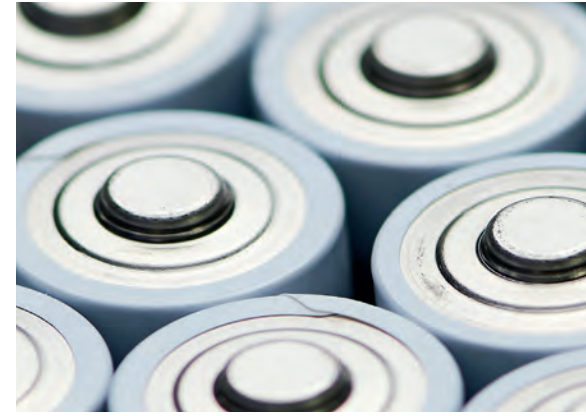
- Feasibility analysis and visualization of data prior to quotation and manufacture
- Design rule verifications to international standards by our PCB experts
- Utilization check and panelization proposals
- Full engineering for cost optimization
- Global prototype manufacturing locations

- Full cooperation throughout the entire PCB product lifetime
- Prototypes, NPI, small, medium and volume production
- Our global quality teams are ready for any eventuality locally
- End of Life support available



## COMPLETE PCB SERVICE

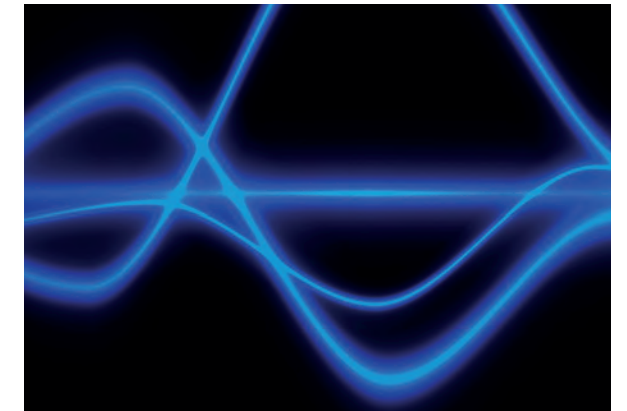
# CUSTOM PRODUCTS



## POWER SOLUTIONS

- **Rechargeable Battery:**  
Ni Mh, Li ION, Li Polymer, LiFePO4, Pb Acid
- **Primary Batteries:**  
LiMnO2, LiSOCl2, Zinc, Carbon, Alkaline etc.
- **Custom Made:**  
Power Packs, Mobile power units, etc.

- **Antenna GPS & GSM antenna:**  
assemblies, PCB mount Antenna Patches, SMT Chip component antennas (Standard & Custom)
- **Audio Devices & Sounders:**  
Piezo, Magnetic Buzzers, Transducers, Mems, etc.
- **Filters:**  
Chokes, Ferrite Coils, Inductors, etc.



## TRANSMISSION SOLUTIONS



## INTERCONNECTIONS SOLUTIONS

- **Connectors:**  
Custom Made
- **Cable Assemblies:**  
Custom Made
- **Keypad & Touch Panels:**  
Membrane, Dome Switch panels, Silicon Keypads
- **Coaxial Cables:**  
RTK31, RG174, RG58 and RTK44  
Plus HSD & Ethernet

# WE'RE DIFFERENT

## 01 PCB MANUFACTURING AND SUPPLY

Beside our own manufacturing, we exceed the capabilities of factory through our global network of sample shops and strategic manufacturing partners.

## 02 SECURE AND RELIABLE

Traceable and accountable: our STARTEAM UL logo can be found on all our PCBs. We provide international product and reliability insurance with legal certainty, no matter where you are.

## 03 GLOBAL PRESENCE

Rooted in Europe, our presence is felt around the globe. With our Main Offices and Sales network, we ensure local relationships. Our technical experts develop your projects together with you, face to face, and in your native language.

## 04 AUTOMOTIVE QUALITY MIND-SET

Product quality and just-in-time: we deliver more than 200 million PCBs each year and we have never had a line stop. This is only possible through the efficiency of our global team and full control in the front end and production processes.

Global Product  
Civil Liability &  
Recall Insurance

**Gothaer**

# SUSTAINABILITY & ESG

## STARTEAM General

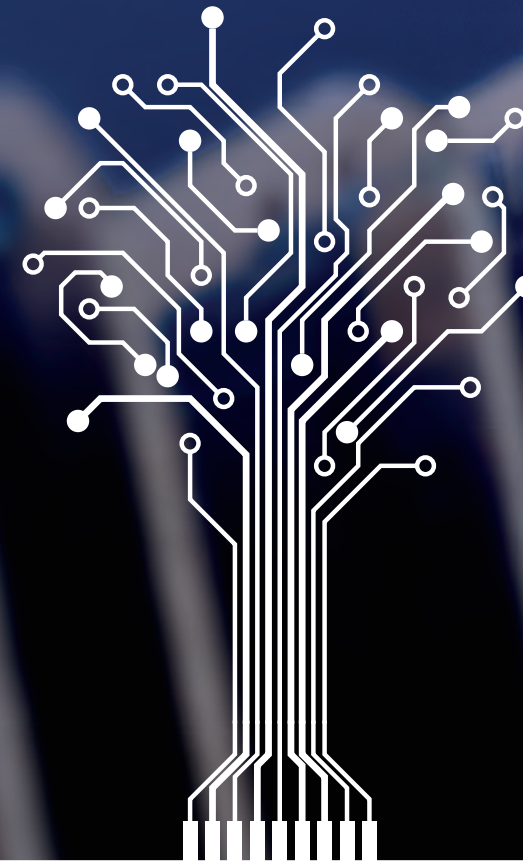
- Dedicated Sustainability Manager
- 1st ESG Report issued in May 2023
- ISO 27001 certification for Information security, cybersecurity and privacy protection – Information security management systems

## JST Factory

- ISO 9001 and ISO14001 (Environmental) certified
- ISO 45001 certified (Occupational Health and Safety)
- ISO 14064 certified (Carbon Footprint)
- ISO 50001 certified (Energy Management)
- Low carbon electricity mix: 65% of purchased electricity mix is generated from renewable energy sources such as solar panels and hydropower
- Solar energy project with target to surpass 90% green energy in 2025
- Audit process review according to German Supply Chain Due Diligence Act

## PST Factory

- ISO 9001 and ISO 14001 (Environmental) certified
- IATF 16949 certification in Q1 2025
- Forecast (10%) electricity from solar energy
- 70% of local materials will be used within 2024, up from 30% now
- Smart factory with high-tech machines from Schmolz, Cedral and Universal
- 50% of the wastewater recycled to production line
- Increasing the use of recycled packing material, starting 10% (target to 30%)



[www.starteam.global](http://www.starteam.global)