



CHAIN-RAY



CHAIN-RAY, the most reliable partner of mechanical solution !



Revenue in 2019: TWD1.77 Billion (SEK 564 Million)

- Founded in 1976 and being profitable in every single year
- Headquartered in Taiwan, service center in Sweden(2013) and US(2018)
- 425+ employees (Apr. 2019)

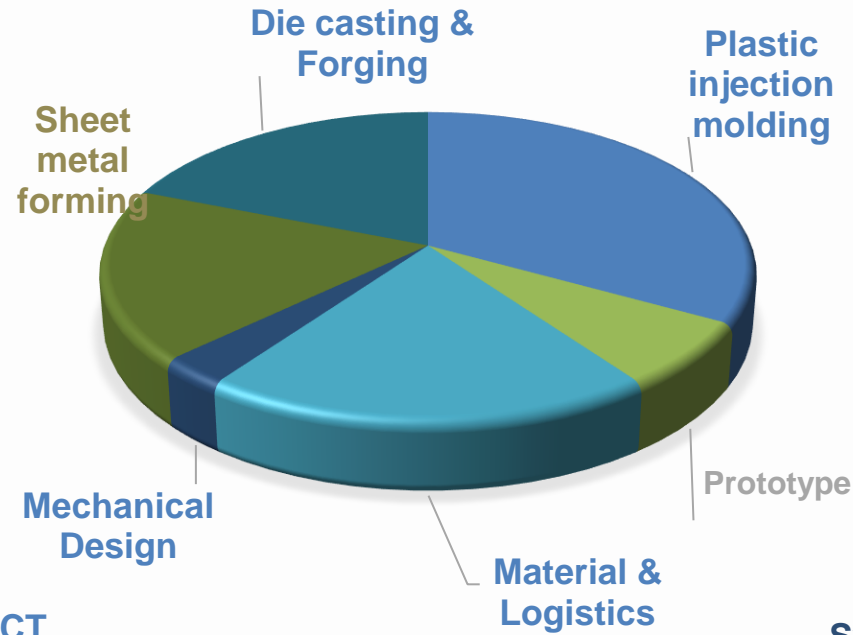
120 Customers in 16 countries

- 2.5 million parts delivered to 16 countries in 2019
- Delivery to Customer request performance – 98.4%
- Reaction time from 3 sec. to 3 days

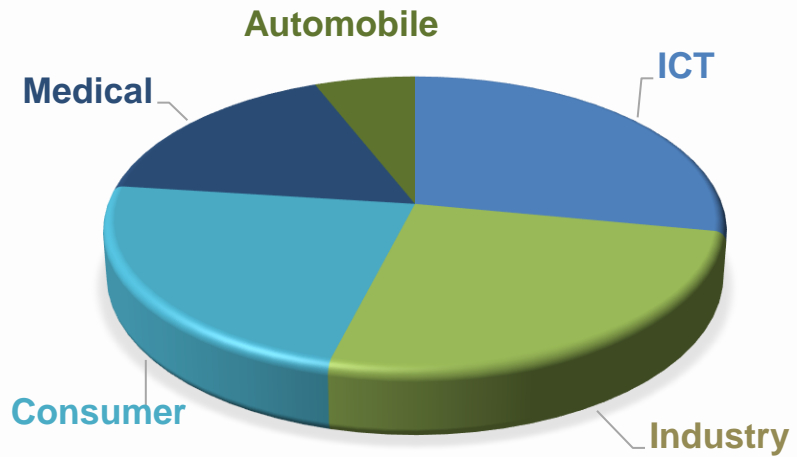
Key performance

- Planned Productivity by year over year – 2.9 %
- Customer satisfaction: 96.2%

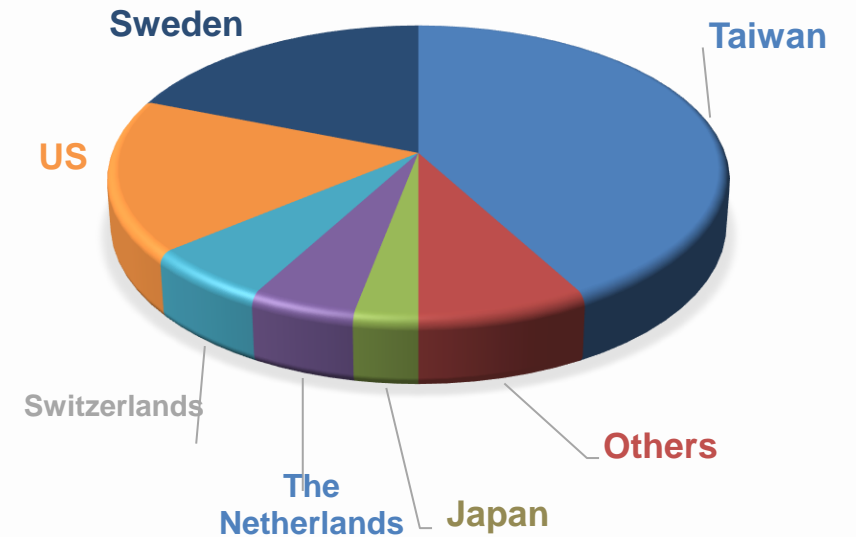
OFFERINGS



APPLICATION



COUNTRIES





San Francisco
USA



Meraki

- **Who:** Global Top 1 provider in cloud controlled WiFi, routing, and security.
- **When:** Collaborated since 2010.
- **What:**
 - Mechanical Design
 - Prototype
 - Plastic parts
 - Metal parts
 - Others



Stäfa
Switzerland

sonova
HEAR THE WORLD

- **Who:** Global Top 1 provider in hearing aid
- **When:** Collaborated since 2013
- **What:** Mechanical Design
 - Prototype
 - Plastic parts
 - Metal parts
 - Others



Stockholm
Sweden

- **Who:** Global Top 1 provider in photography flashlight system.
- **When:** Collaborated since 2012.
- **What:**
 - Mechanical Design
 - Prototype
 - Plastic parts
 - Metal parts
 - Others



Chatillon
France



- **Who:** Global Top 1 provider in industrial safety equipments.
- **When:** Collaborated since 2007
- **What:**
 - Mechanical Design
 - Prototype
 - Plastic parts
 - Metal parts
 - Others

14 plastic parts

3 metal parts

5 customized parts

2 owned factories

2 partner factories

3 assemblers in 2 countries

ONE Team!

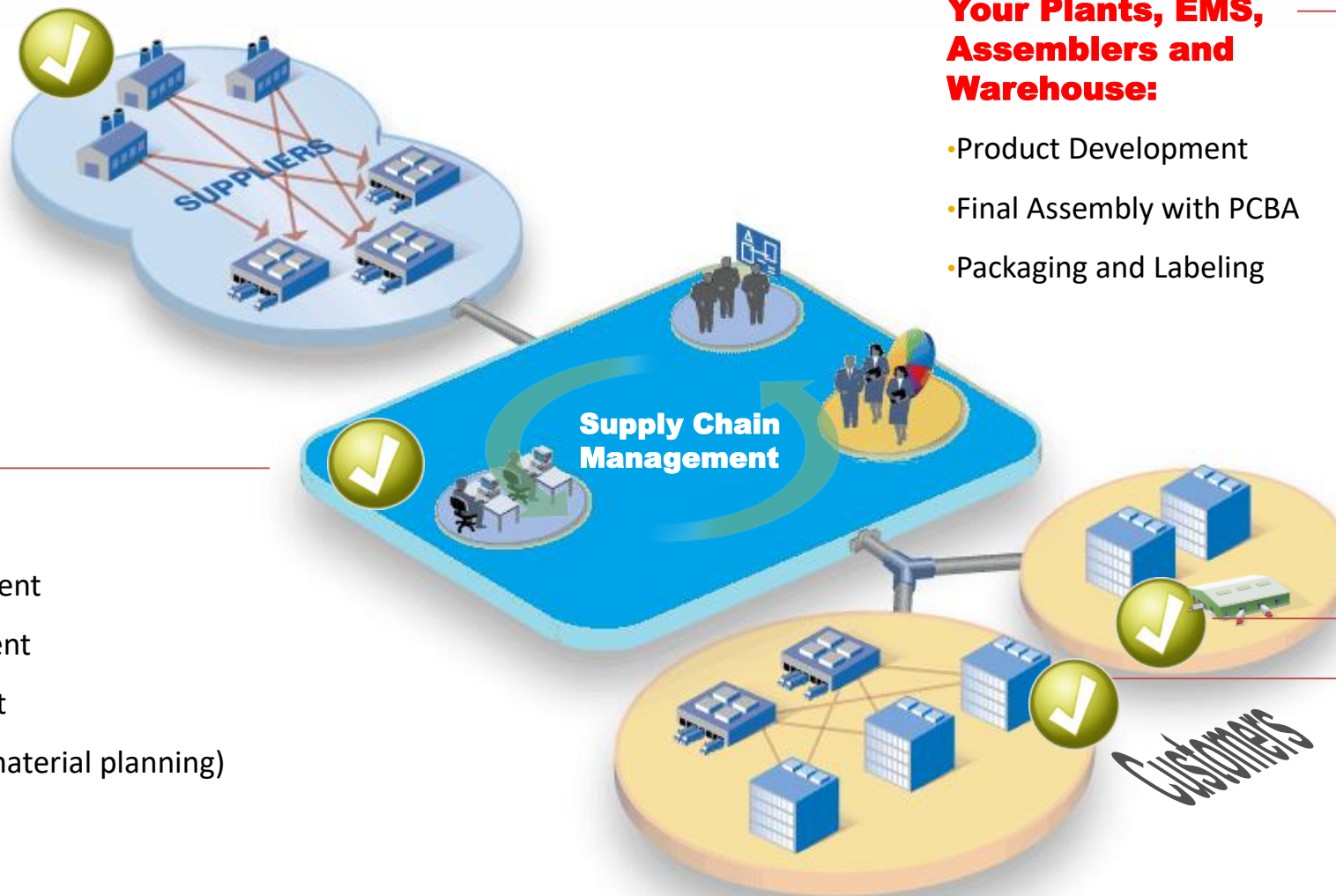


6 owned Factories and 30+ partners

- Quality improvement
- Productivity Improvement

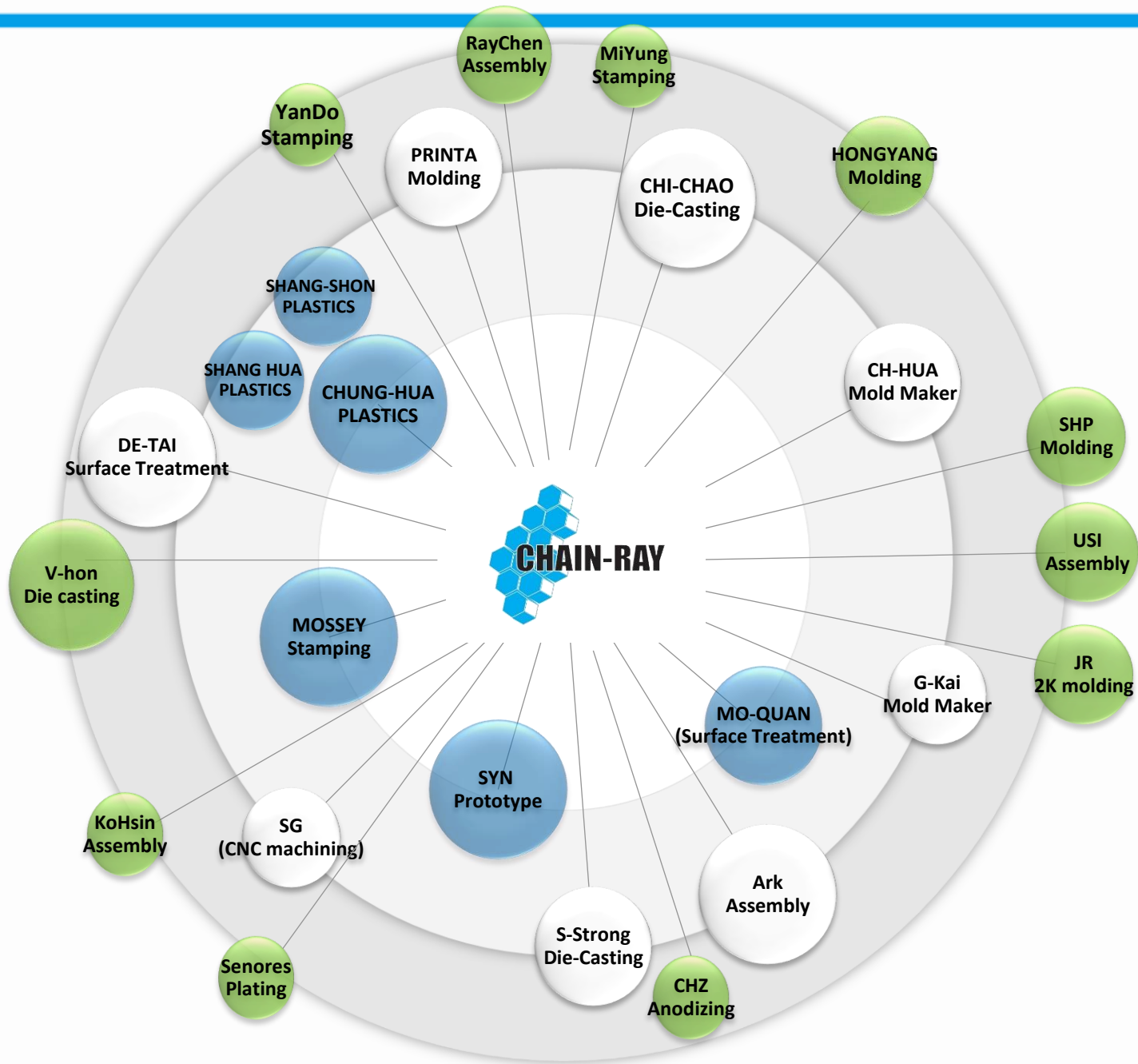
CHAIN-RAY

- Product development
- Project management
- Engineering & Cost
- QA and Logistics(material planning)



Your Plants, EMS, Assemblers and Warehouse:

- Product Development
- Final Assembly with PCBA
- Packaging and Labeling



One Team!!

- Fully-Owned Factories x 6
- Joint-Venture Factories x 8
- Strategic Partners x 30+

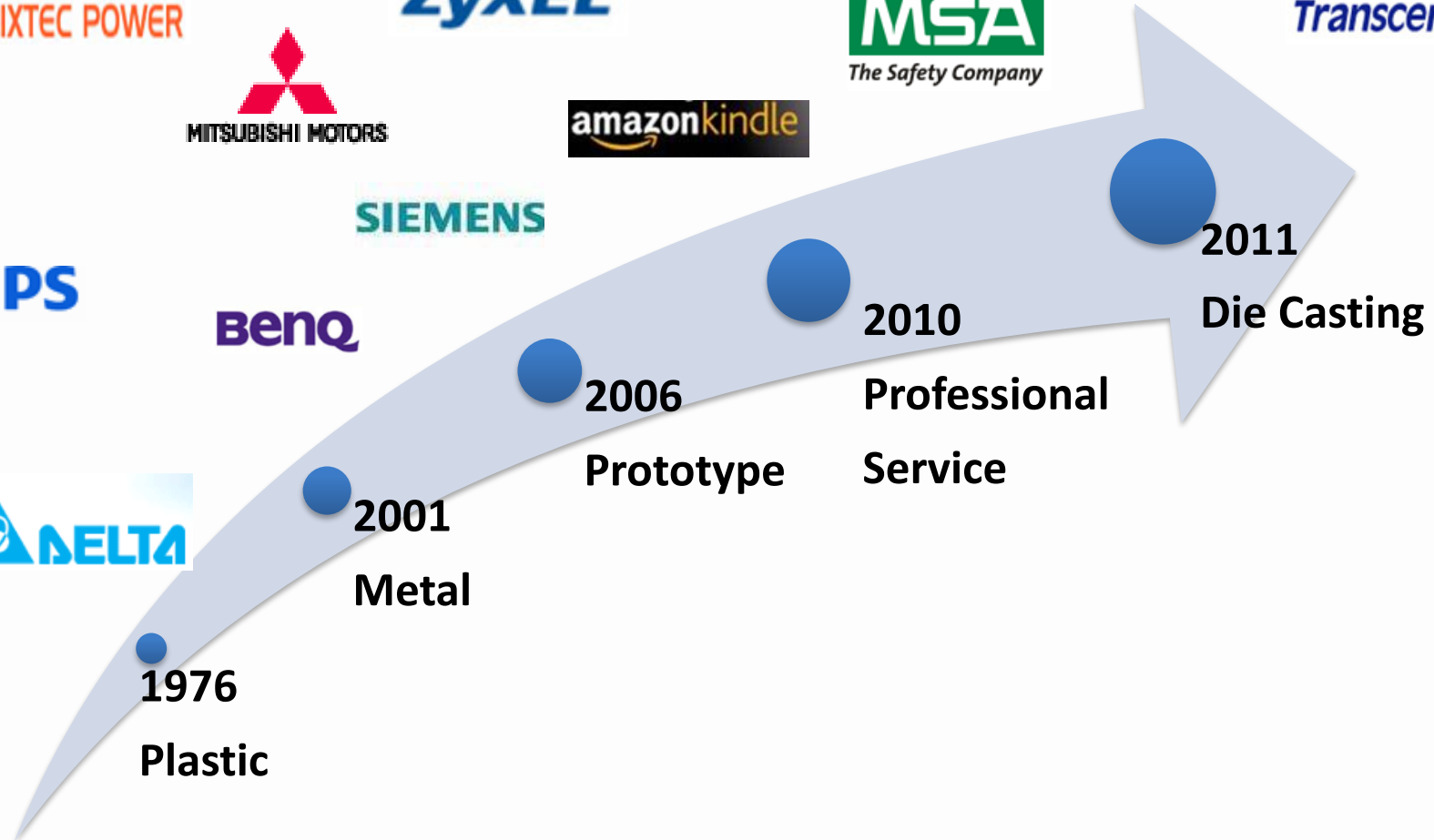
- ISO9001
- ISO/TS 16949
- ISO13485



PHOENIXTEC POWER



Transcend





Tack!
謝謝!

