

"All services and products that we deliver
start from **listening to the customer's voice.**"

Satoshi Ota President and CEO

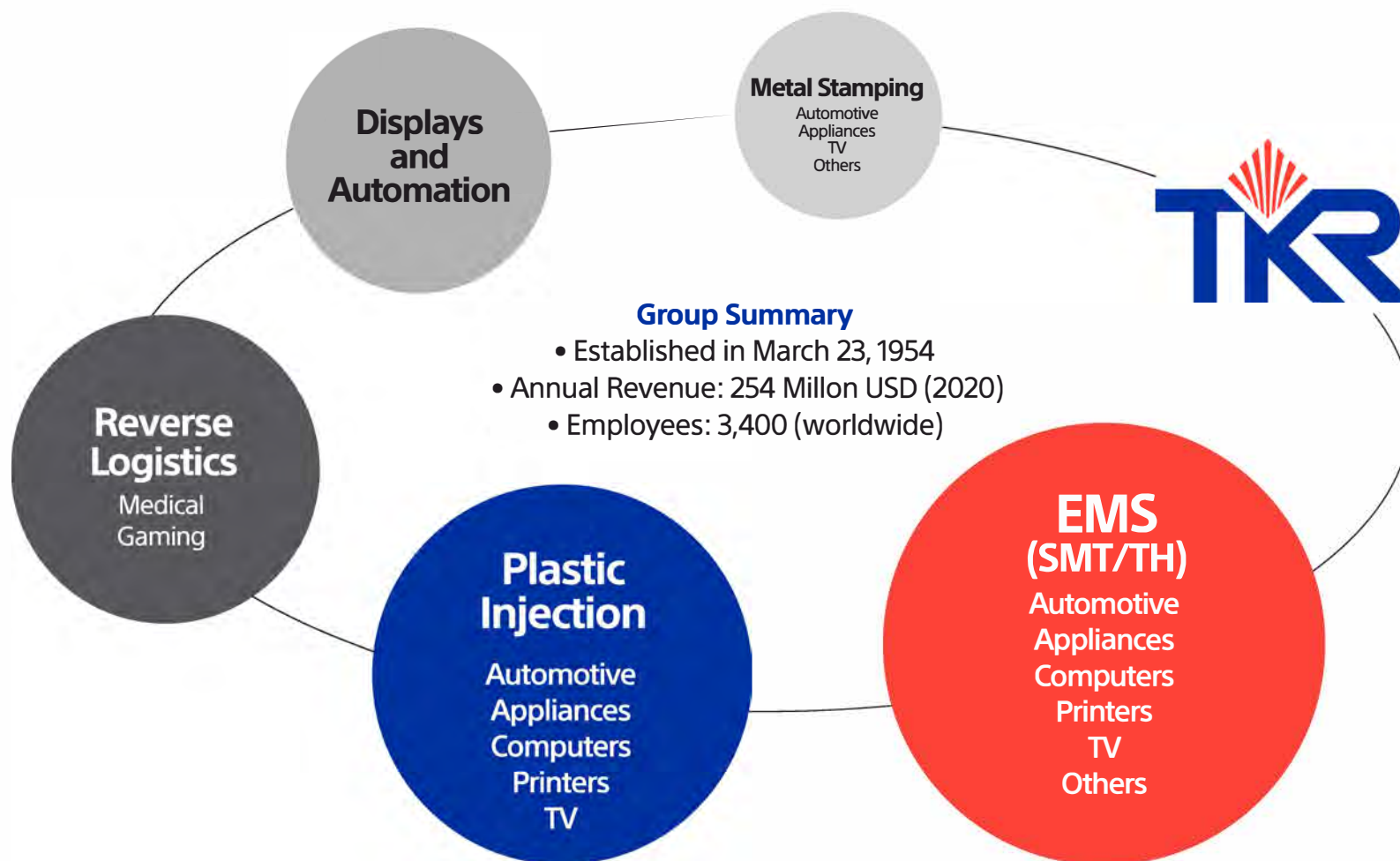


<https://www.tkrdemexico.com>

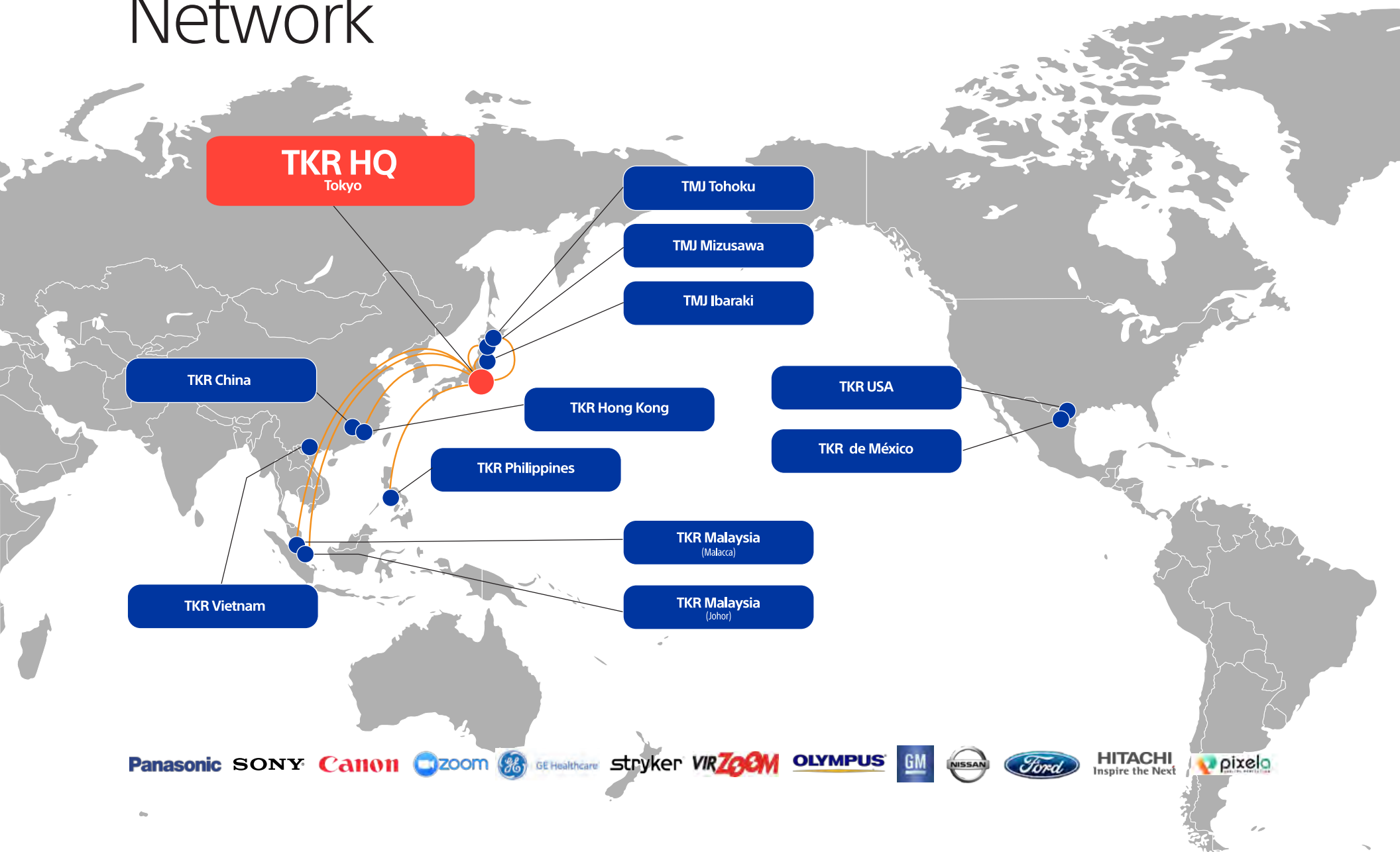


Intro **TKR Corporation**

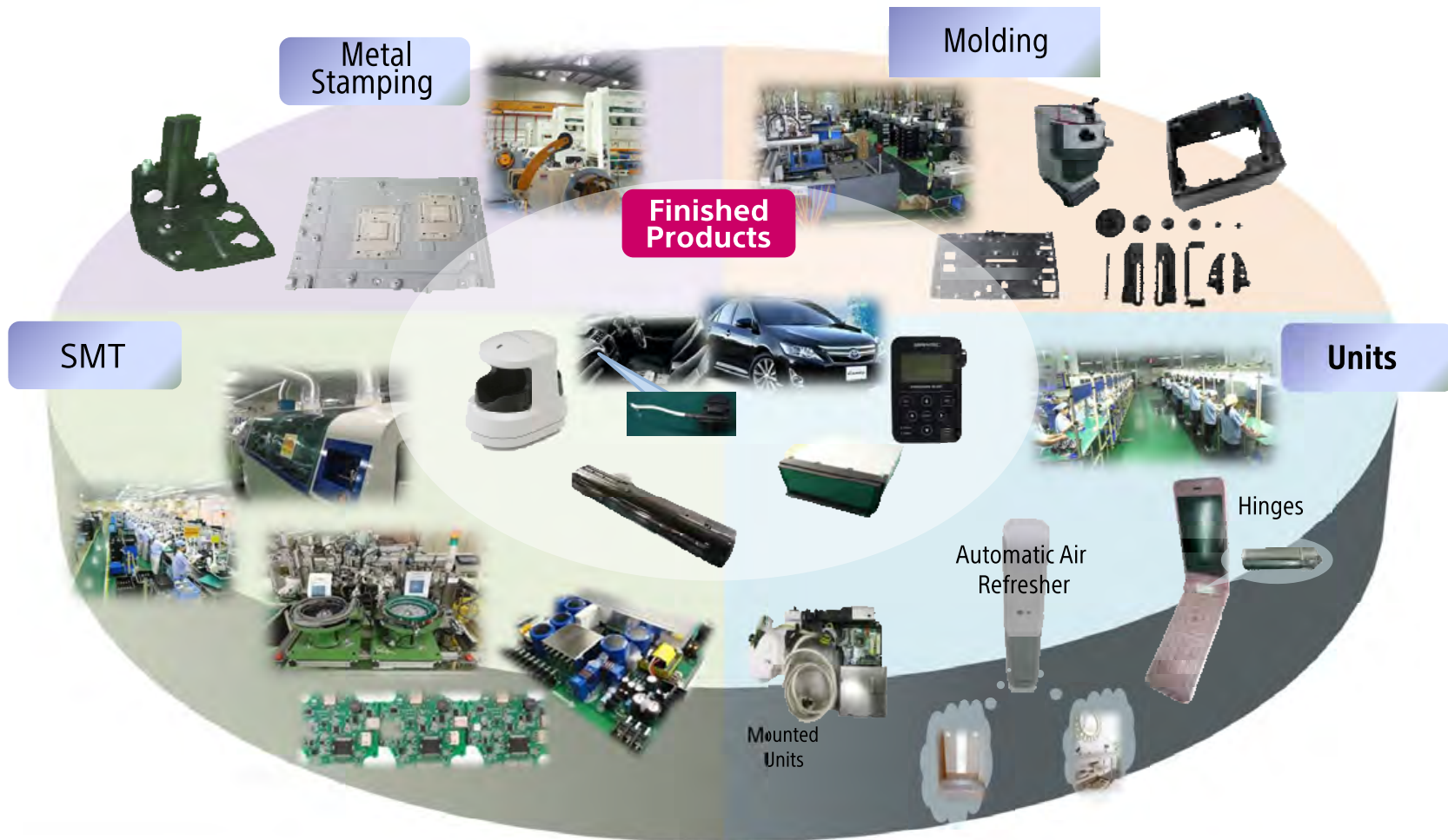
TKR Group is a global electronic, plastic injection and integrated manufacturing supply partner.



Network



A Glimpse at **TKR Products**



Full Capabilities

| | Metal Stamping | Injection Plastic Molding | EMS (SMT/TH) | Assembly | Transformer | Reverse Logistics (Refurbished) | External Structure Design | Electronic Design | Software Development | Automation | Power Supply |
|--------------------|----------------|---------------------------|--------------|----------|-------------|---------------------------------|---------------------------|-------------------|----------------------|------------|--------------|
| USA/MX | 2021 | ● | ● | ● | | ● | | | | ● | |
| China | ● | ● | ● | ● | ● | | ● | | | ● | ● |
| Malaysia (Malacca) | | ● | ● | ● | ● | | | | | | ● |
| Malaysia (Johor) | ● | | | ● | | | | | | | |
| Philippines | | | ● | | | | | | | | |
| Japan (HQ/Tokyo) | | | | | | | ● | ● | ● | | |
| Japan (Tohoku) | | | ● | ● | | | | | | | |
| Japan (Mizusawa) | | | ● | ● | | | | | | | |
| Japan (Ibaragi) | | | ● | ● | | | | | | | |
| Vietnam | ● | | ● | ● | | | | | | | |



USA - MX

Location



Distribution Center

TKR USA Inc.

Located in Laredo, Texas

- Receiving
- Warehousing
- Customer Service

Factory

TKR de México S.A. de C.V.

Located in Nuevo Laredo, Tamaulipas

- Manufacturing
- Molding
- Repair/Refurbish/Exchange

Overview

- **Established:** November 1979
as Sony
- **Acquired by TKR Corporation:**
April 1st, 2019
- **Main Operation:**
 - Electronic Manufacturing Services
 - Injection Plastic Molding
 - Final Assembly
 - Reverse Logistics

History

1979

1995

2001

2007

2011

2013

2018

Tape Media Manufacturing

ACC MC MFD



ENERGY VHS 8MM DVC



Optical Media Technology CD-ROM / DVD-ROM

CDR 8cm DVD-R8cm DVD-RW Blu-Disc



Surface Mount Technology

Electronic Services
Repair-Reuse-Recycle



Automotive Biz

New OEM BIZ

Sales & Marketing Mexico Distribution

Final Pack Quic Reaction

USB
MS
MSD
SD



ARPC

Service Operations

REFURBISH

REPAIR



Electronic **Manufacturing Services**

EMS SOLUTIONS

MANUFACTURING SERVICES

SOFTWARE DEVELOPMENT & JIG DESIGN

SYSTEM INTEGRATION & TEST

QUALITY & PRODUCT ASSURANCE

Equipment and advantage

- 4 SMT Lines
- Clean Room Class ISO7
- Temperature, Humidity and ESD management
- 3D solder inspection
- 3D mount inspection
- Nitrogen (N2) reflow

Markets

- Automotive
- Appliances
- Industrial



Software Development & Jig Design

- Circuit test systems
- Functional test Jigs design
- Software development



System Integration Test

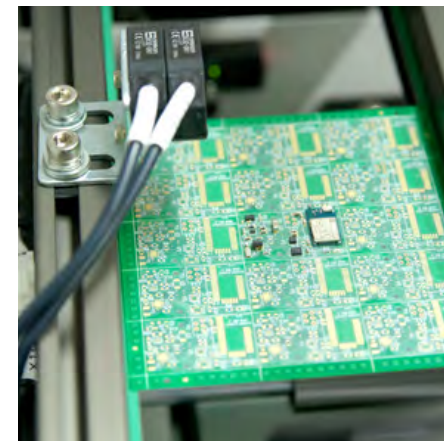
- Inspection
- Final Assembly
- Electrical & Functional Test

Surface Mount Technology and Automated Through Hole Process

Fine pitch and high count BGA

Flexible processes , pin through hole, wave & selective soldering.

Inspection and testing using the latest SPI, AOI, Flying probe and X-Ray equipment.





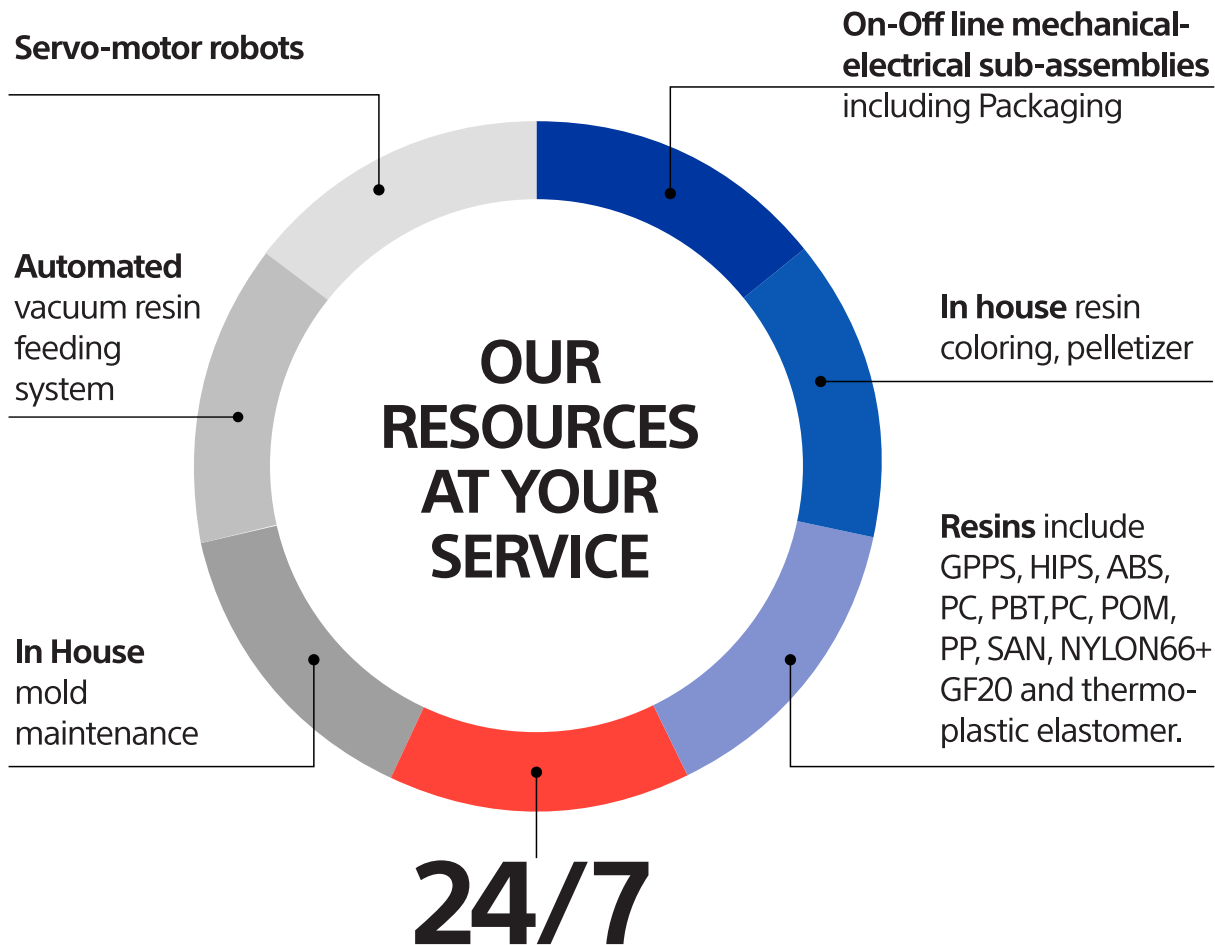
Latest Technology for SMT, clean room ISO 7.

| SMT #1 | | |
|---------------------|-----------|---------------|
| Category | Brand | Model |
| Magazine Loader | Ki-Heung | DL-900S |
| PWB Cleaner | Unitech | UC-250BV |
| Printer | Panasonic | SPG |
| Shuttle conveyor | Ki-Heung | DSC-686S |
| Chip Shooter | Panasonic | NPM-W2 |
| AOI | Kohyoung | ZENIT LITE |
| Inspection Conveyor | Ki-Heung | DIC-900S |
| Oven | TAMURA | TNV-M6110CR-X |
| Cooling Conveyor | Ki-Heung | DHCC-533S |
| NG Buffer Conveyor | Ki-Heung | DMB-1235S |
| Magazine Unloader | Ki-Heung | DUP-900S |

| SMT #2 | | |
|---------------------|-----------|---------------|
| Category | Brand | Model |
| Magazine Loader | Ki-Heung | DL-900S |
| PWB Cleaner | Unitech | UC-250BV |
| Printer | Panasonic | SPG |
| Shuttle conveyor | Ki-Heung | DSC-686S |
| Chip Shooter | Panasonic | NPM-W2 |
| AOI | Kohyoung | ZENIT LITE |
| Inspection Conveyor | Ki-Heung | DIC-900S |
| Oven | TAMURA | TNV-M6110CR-X |
| Cooling Conveyor | Ki-Heung | DHCC-533S |
| NG Buffer Conveyor | Ki-Heung | DMB-1235S |
| Magazine Unloader | Ki-Heung | DUP-900S |

| Others | | |
|-----------------------------|--------------|--------------|
| Category | Brand | Model |
| Ultrasonic Cleaning Machine | SAWA CLEAN | SC-AH100E-LV |
| Solder Mixer | THINKY MIXER | SR-500 |
| X-Ray | i-bit | FX-300tRX |

Injection **Plastic Molding**



29
SUMITOMO
I/M

FROM
40
TONS

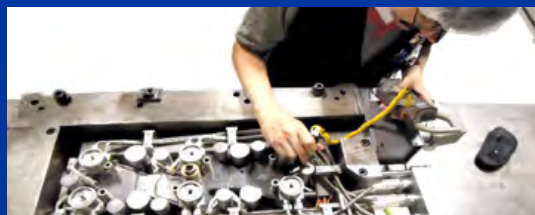
TO
350
TONS



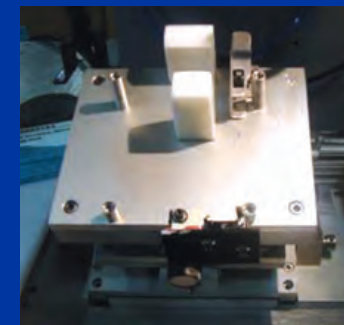
Mold Dies Fabrication And In House Modification



Extended Life Equipment & Mold Dies



Poka-Yoke Culture



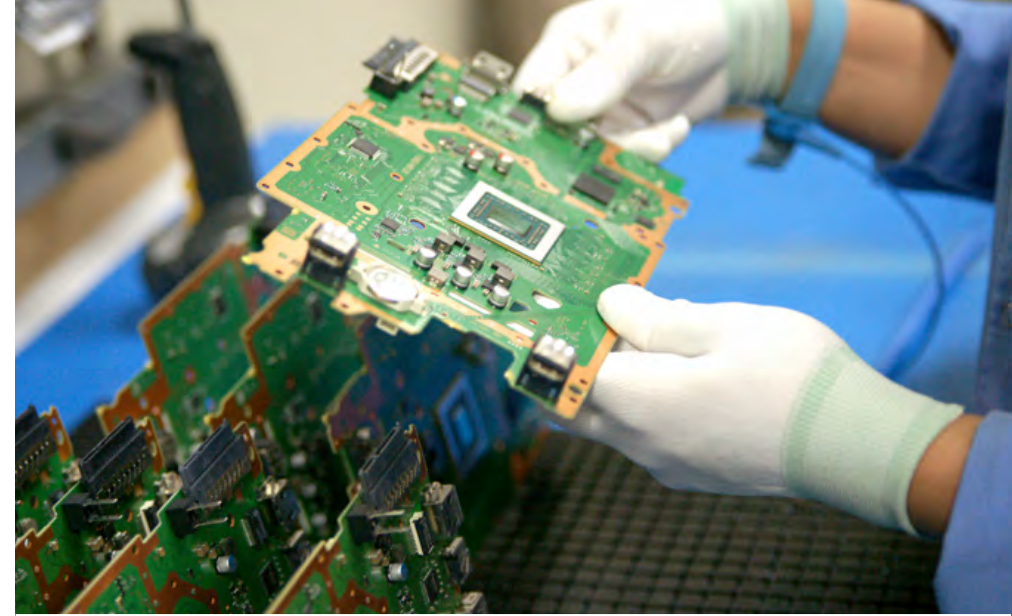
| Qty | Brand | Model | Tons | COO | Clearance Between Tie Bars (mm) | Mold Height (mm) |
|-----|----------|--------------------|------|-------|---------------------------------------|---------------------|
| 2 | Sumitomo | SD-40ER | 40 | Japan | 270 x 270 | 160 - 205 |
| 1 | NISSEN | PS60E9A | 60 | Japan | 325 x 325 | 170 - 410 |
| 1 | Sumitomo | SG 75 SYCAP MII | 75 | Japan | 360 x 360 | 160 - 410 |
| 2 | Sumitomo | SG 150 SYCAP MII | 150 | Japan | 510 x 510 | 200 - 500 |
| 7 | Sumitomo | SE 180 S | 180 | Japan | 510 x 510 | 200 - 500 |
| 8 | Sumitomo | SG 180 MS | 180 | Japan | 510 x 510 | 200 - 500 |
| 5 | Sumitomo | SG 220 SYCAP MII | 220 | Japan | 560 x 560 | 230 - 580 |
| 1 | Sumitomo | SG 220 U SYCAP MII | 260 | Japan | 560x 560 | 230 - 580 |
| 2 | Sumitomo | SE350HD | 350 | USA | 760 x 710 | 400 - 670 |

Reverse **Logistics**

Here at TKR we provide professional reverse logistics solutions with an industry leader performance, all with the highest quality level

Our Services

- Board Component Level Repair.
- Electrical and Mechanical Repair.
- Refurbishment process capability.
- Parts Recovery & Testing.
- Software Update.



Turn
Around
Time
1.6
days

Our Services prevents from you having:

- Delivery delays.
- Quality Noncompliance issues.
- Customer complaints.

Receiving



Service



Customer
Support



Repairs

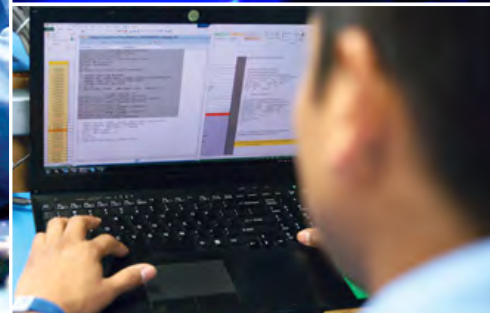


Inventory
Management



Shipping





Capabilities

Tailored service capabilities to meet and exceed customer requirements while maintaining the lowest costs possible.



Software
update
services



Cosmetic and
mechanical
repair



Salvage parts,
recovery
& testing



Electrical
troubleshooting
and module
replacement

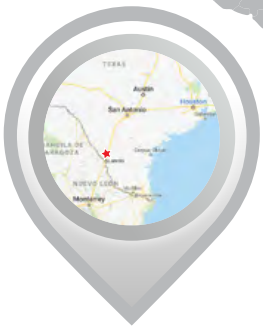
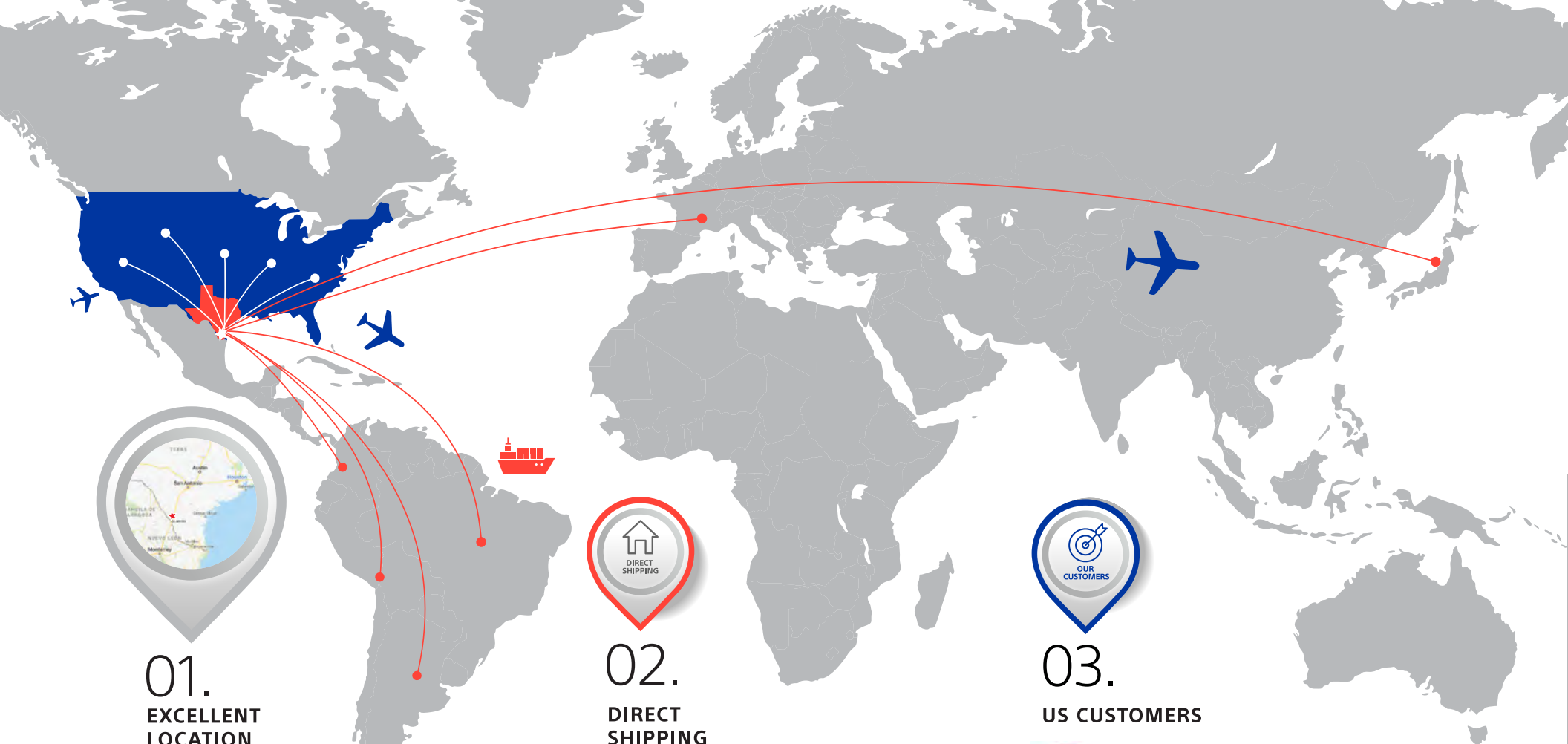


Board
Component
level repair



Logistics

Shipments to
Automotive customers



01.

**EXCELLENT
LOCATION**



BORDER

Factory:

- Nuevo Laredo Tamaulipas, México
- Manufacturing

Distribution Center: Laredo Texas, USA

- Logistics
- Customer Service



02.

**DIRECT
SHIPPING**



AIR, GROUND, BOAT

End customer
direct shipping



VIA

FedEx, UPS, DHL
and others



03.

US CUSTOMERS

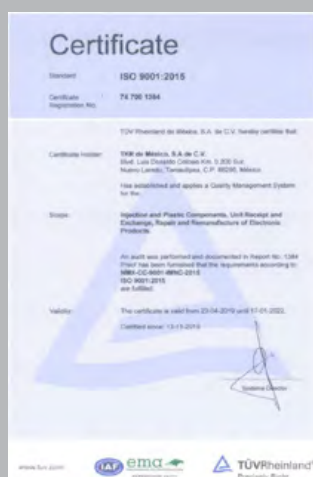


Shipments to other customers

Finished Goods Distribution



Certifications



ISO 9001:2015



ISO 14001:2015



IATF 16949:2016



C-TPAT



OEA



ISO 13485

Our Employees

Seniority and perfect attendance (Antigüedad y Asistencia Perfecta)



Mothers Day (Día de las Madres)



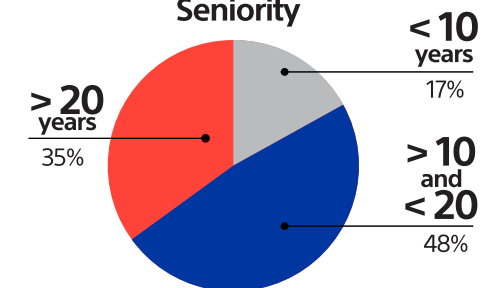
School Supplies (Entrega de útiles escolares)



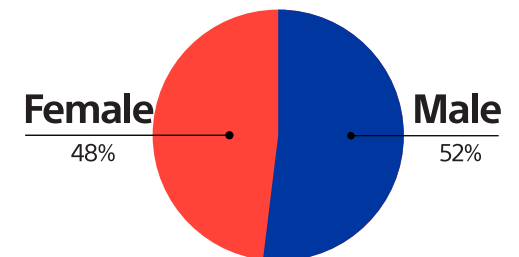
Turnover

Less than
1%

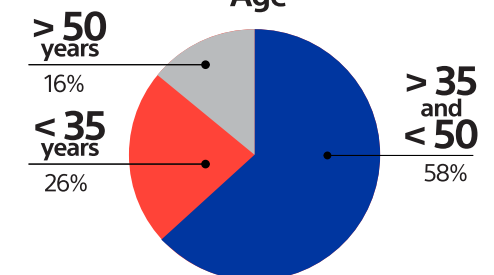
Seniority



Gender



Age





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[TKR de Mexico S.A. de C.V.](#)



[TKR de México, SA de CV](#)

Manufacturing and Service Operation

TKR de México S.A. de C.V.
Nuevo Laredo, Tamaulipas, México

Warehouse and Distribution

TKR USA
Laredo, Texas