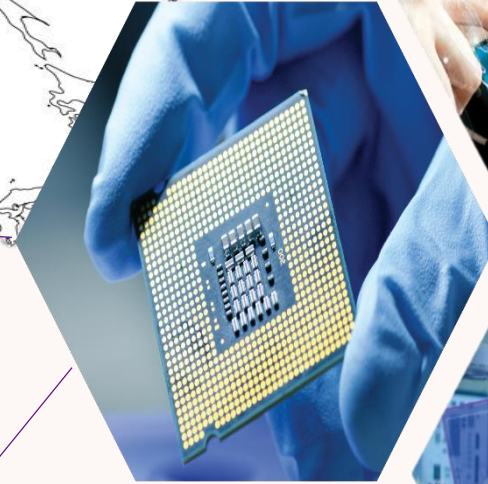
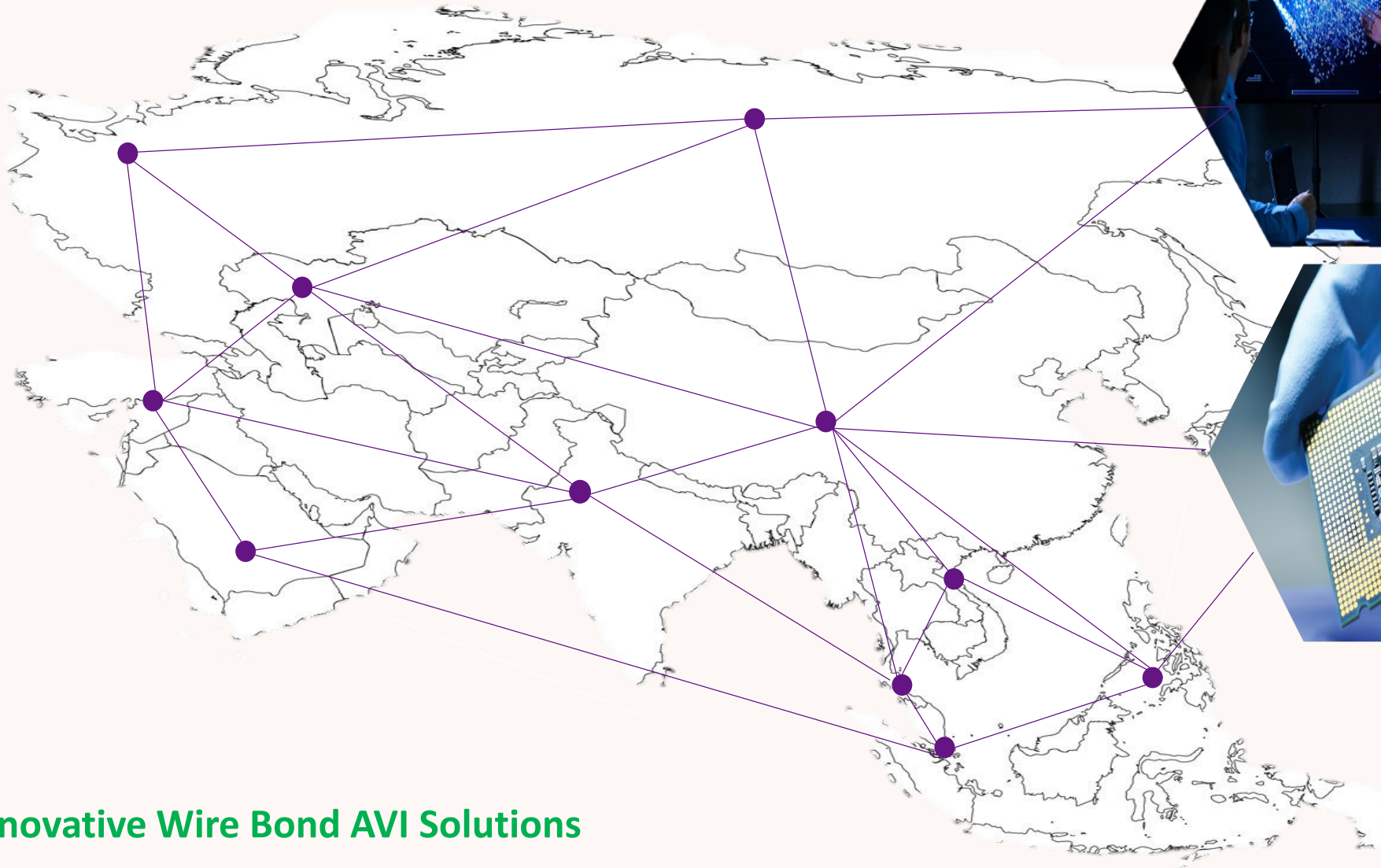




**Component
Technology**



Innovative Wire Bond AVI Solutions

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DCT-TPL-041-R00



1

Our Company and Subsidiaries

2

Our Customers

3

Our Current Solutions

4

Our Current Partners



Incorporated in 1989, CT started business as authorised Representative for leading manufacturers of Die Bonder, Wire Bonder, Bond Testers and Real-time X-ray machines. We envisioned the need for automating wire bond inspection. Started working with A*STAR on a solution in 2006.



Established in 2007, IN.D SG developed a prototype 3D Wire Bond AVI in 2008. 2 PCT were filed and later patents lodged in different countries.

First production model was installed in a leading IDM factory in 2009.

IN.D SG continues development and enhancement of machine, core modules and software.

Established in 2010, IN.D MY handles machine assemblies and product improvements.

Obtained ISO 9001:2008 qualification on 18th May 2012.

Obtained the following CE Certificate of Conformity:

- **Machinery and Low Voltage Directive 2006 - 30th October 2012**
- **Electromagnetic Compatibility Directive 2004 – 07th June 2013**
- **Machinery Directive 2006 – 30th August 2017**
- **Electromagnetic Compatibility Directive 2014 – 24th October 2017**





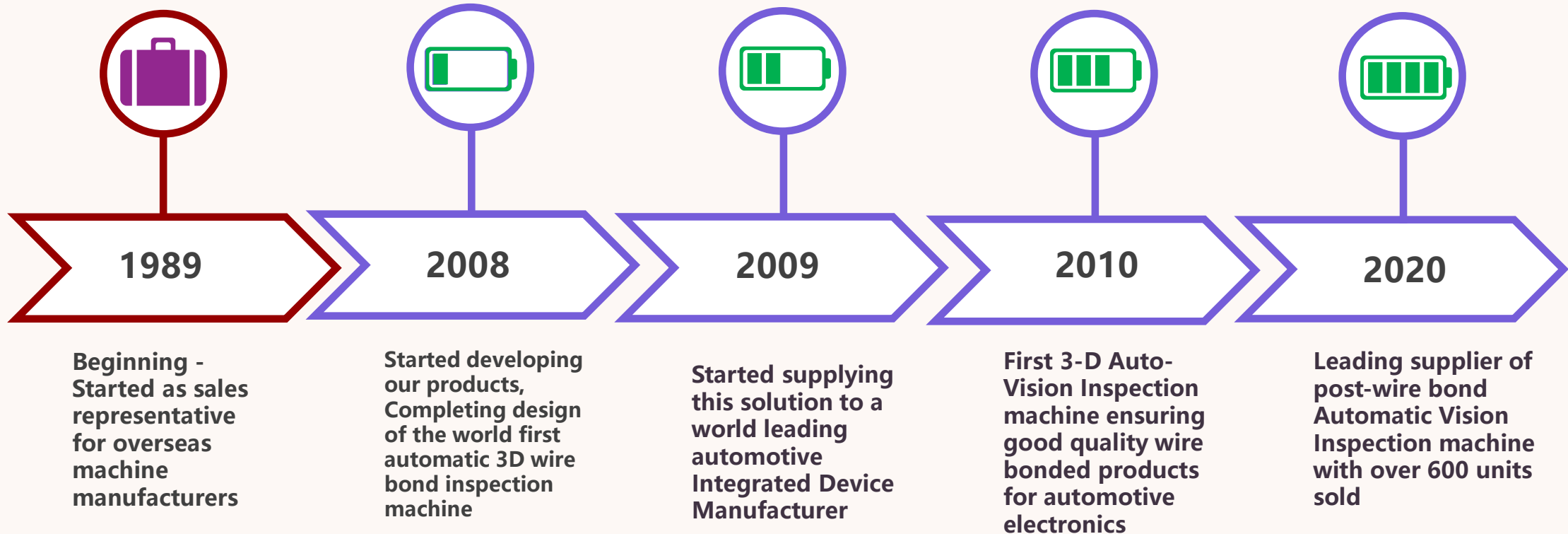
As Chinese Industries continues to automate, we need to be closer for better understanding and support.

With the support of ESG we decided that SIP is be ideal location. SZ IND was established in end 2019.

The virus pandemic delayed our expansion plans. We managed to complete assembly of a first machine in mid 2020.

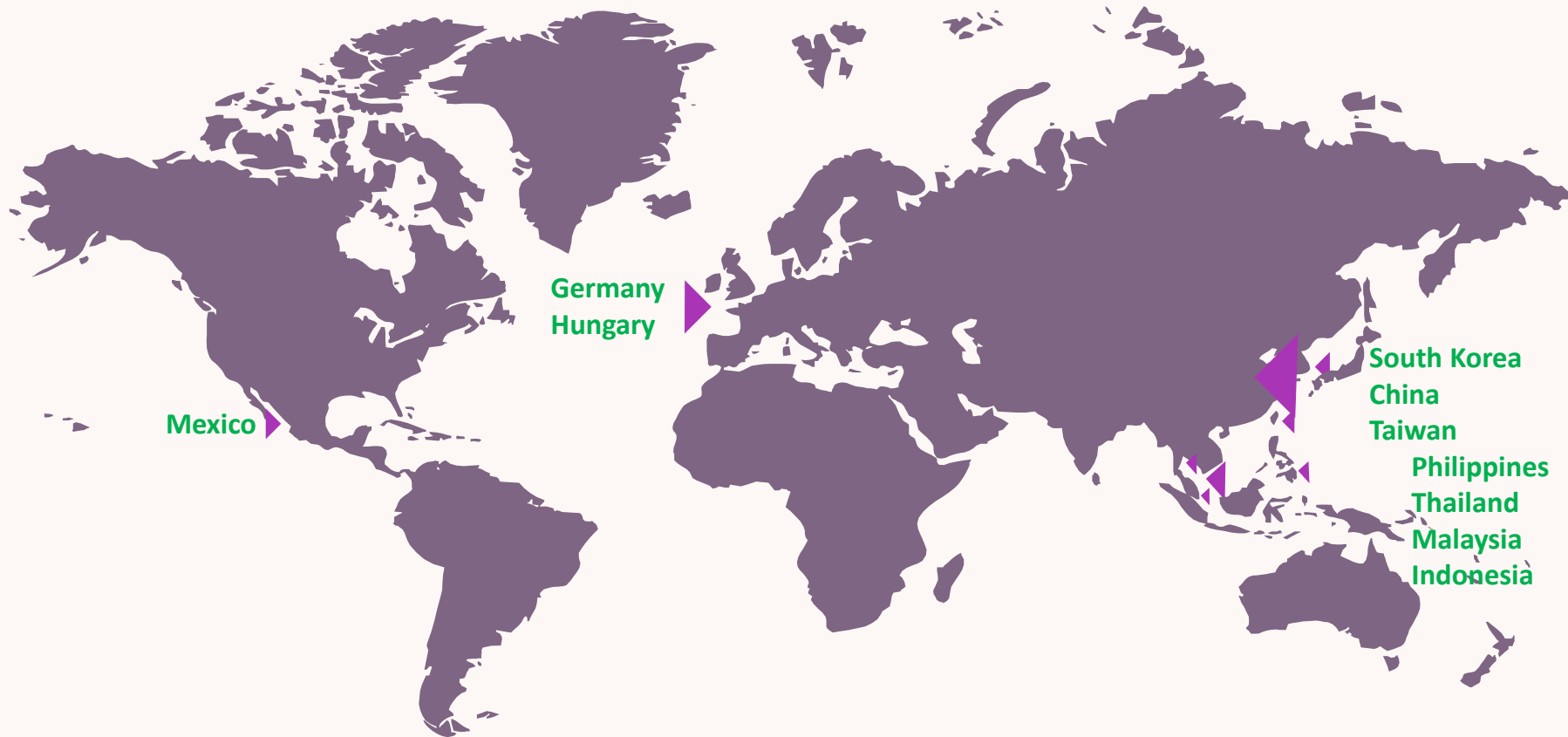
SZ IND continues the expansion plan for the rest of the year.

Journey from Rep to OEM





Our Customers



Now, over 600 machines sold in leading IDM and OSAT in Europe, China, South Korea, South America and Southeast Asia.

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Our Customers - IDM

Pre-Acquisition Top Automotive Semiconductor Suppliers in 2018
(Ranked by Revenue in Millions of US Dollars)

Rank	Company	Revenue	Market Share
1	NXP	4507	10.8%
2	Infineon	4119	9.9%
3	Renesas Electronics Corp.	3353	8.1%
4	Texas Instruments	3040	7.3%
5	STMicroelectronics	2875	6.9%
6	Bosch	2059	5.0%
7	ON Semi	1782	4.3%
8	Micron	1574	3.8%
9	Microchip Technology	1144	2.8%
10	ROHM	1057	2.5%
14	Cypress	808	1.9%

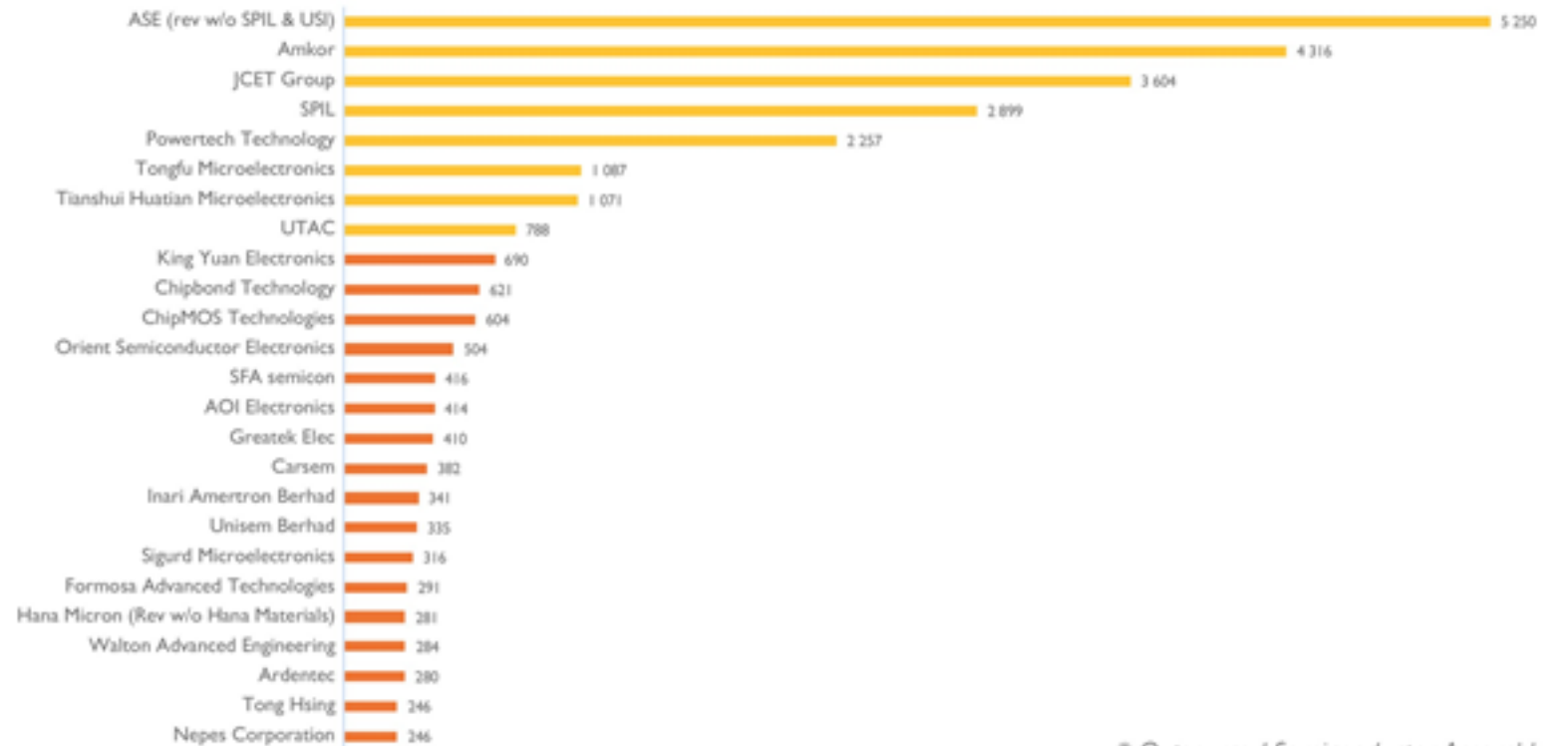
Source: IHS Markit 2019

5 of the Top 10 Automotive Semicon IDM

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2018 Top OSAT* companies – In US\$ million

(Source: Status of the Advanced Packaging Industry report, Yole Développement, 2019)



* Outsourced Semiconductor Assembly & Test companies.

7 of Top 20 OSAT

Our Customers – LED

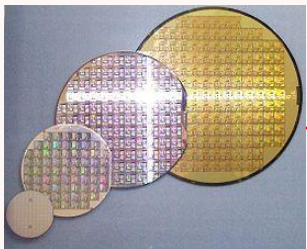
**Table: Global Revenue Rankings for LED
Packaging Manufacturers, 2018**

Ranking	(For 2018)
1	Nichia
2	Osram Opto Semiconductors
3	Lumileds
4	Seoul Semiconductor
5	MLS
6	Samsung
7	Everlight
8	CREE
9	NationStar
10	Lite-On

Source: LEDinside, Apr., 2019

2 of Top 10 LED Manufacturers

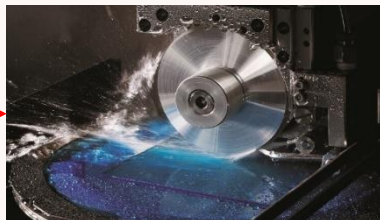
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Wafer



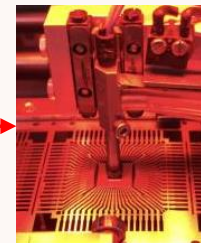
IV-W2000



Wafer dicing



IV-W2000



Die bonding



IV-E1000



IV-P1000



Molding



IV-T3300/ IV-E1000



Wire bonding



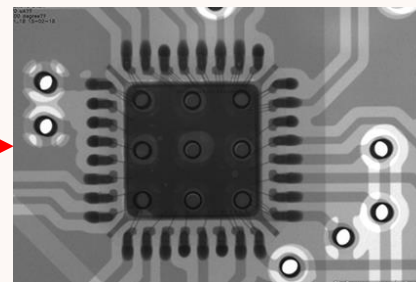
Mold Press



X-Ray



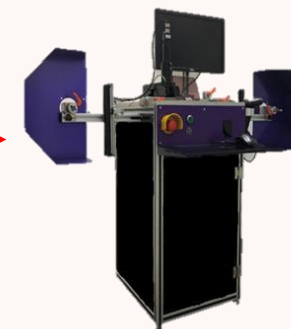
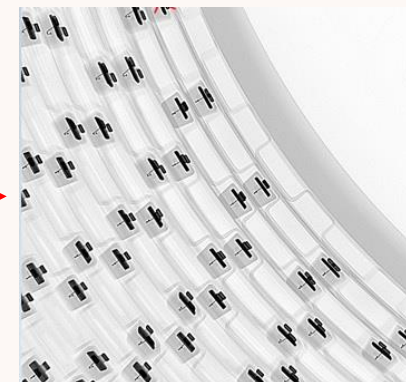
X-Ray Image
Analyzer



X-Ray image



IV-110I
X-Ray Strip Reject



IV-200I
Sorter/Counter

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Exclusive Sales Representatives:

- Vision Technology Prance Tianjin Ltd (China)
- Zhong An Co., Ltd (Taiwan)
- iTechno Devise Co., Ltd (Philippines)
- iTechno Devise Co., Ltd (Thailand)
- CNT Technology (M) Sdn Bhd

Non-exclusive Sales Representatives:

- Fujinson Technology Co., Ltd
- Xuan Ming Technology (Shenzhen) Co., Ltd



More than a decade of
R&D to serve the industry
needs for automation



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