

Automation Solution



SAA

Symtek Automation Asia

Company Profile

Symtek Automation Asia was founded in 1999 and experienced an early success in PCB industry. SAA's diversified business strategy expanded to other industries like ceramic PCB, IC substrate, Solar Energy, and LED.

SAA has been granted "The Rising Star" and "National Outstanding SMEs" awards in Taiwan. The current trend for Intelligent Manufacturing is on the rise, and SAA embraces advanced technologies to upgrade the existing automation system solutions by integrating image processing, wireless communication, big data processing, robot and logistic systems such as AGV or RGV, to bring our customers up to speed in Smart Manufacturing and join industry 4.0.



Creation: October, 1999

Board Chairman: Mr. Guan Jinkun

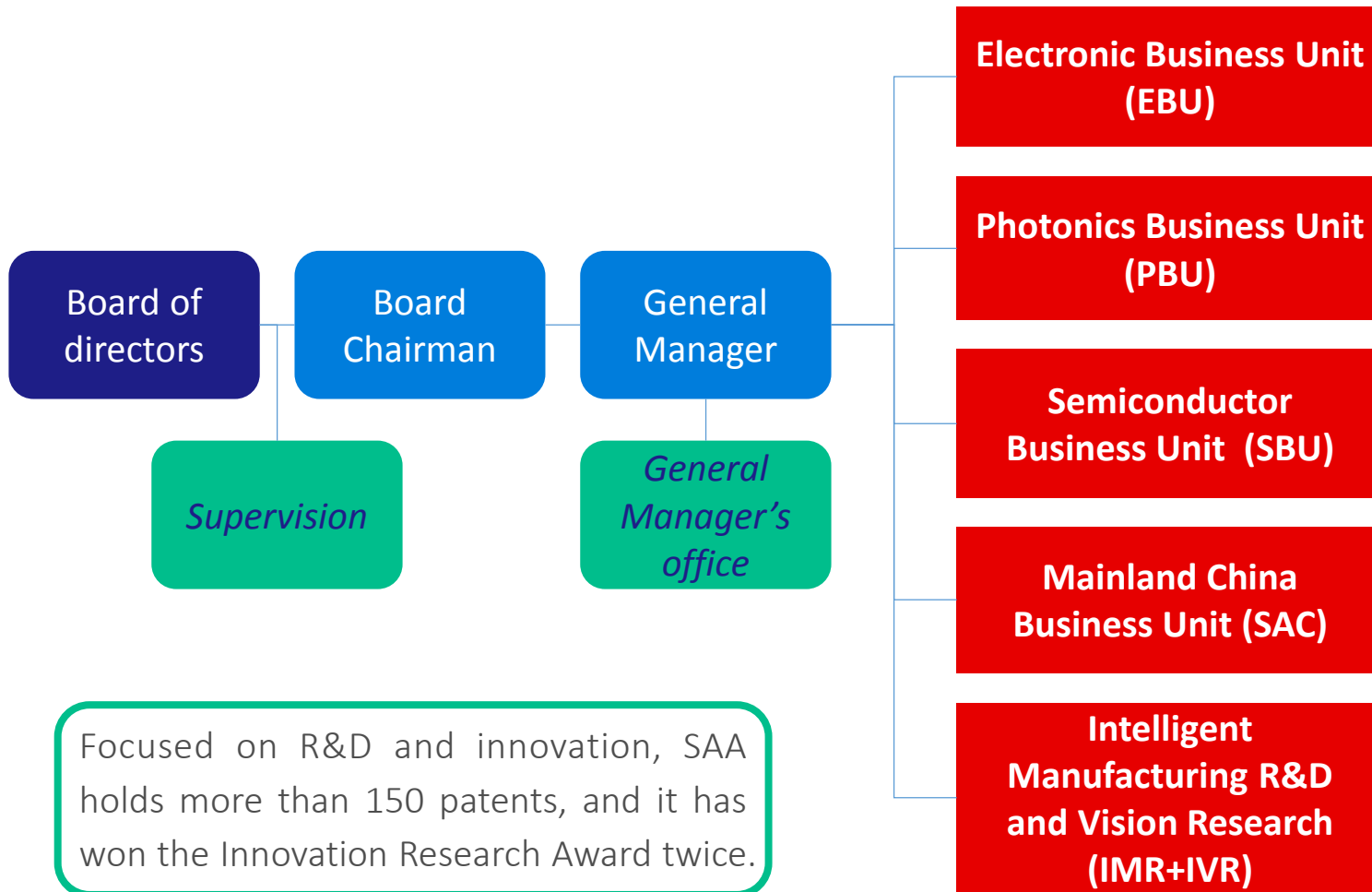
General Manager: Mr. Wang Nianqing

Capital: 17,5 million USD

Staff (2017): 350 people in Taiwan

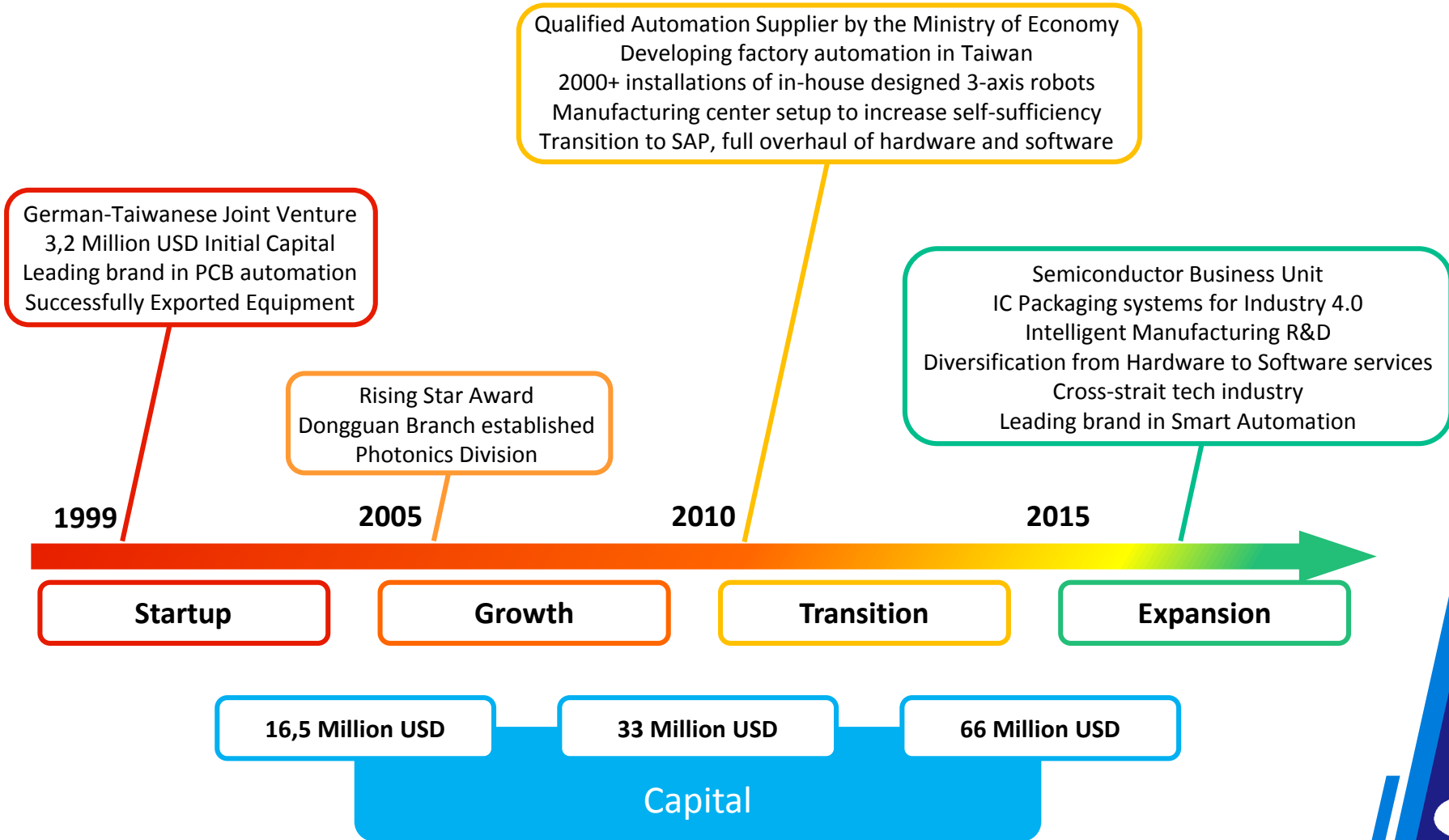
340 people in Mainland China

Company Organization

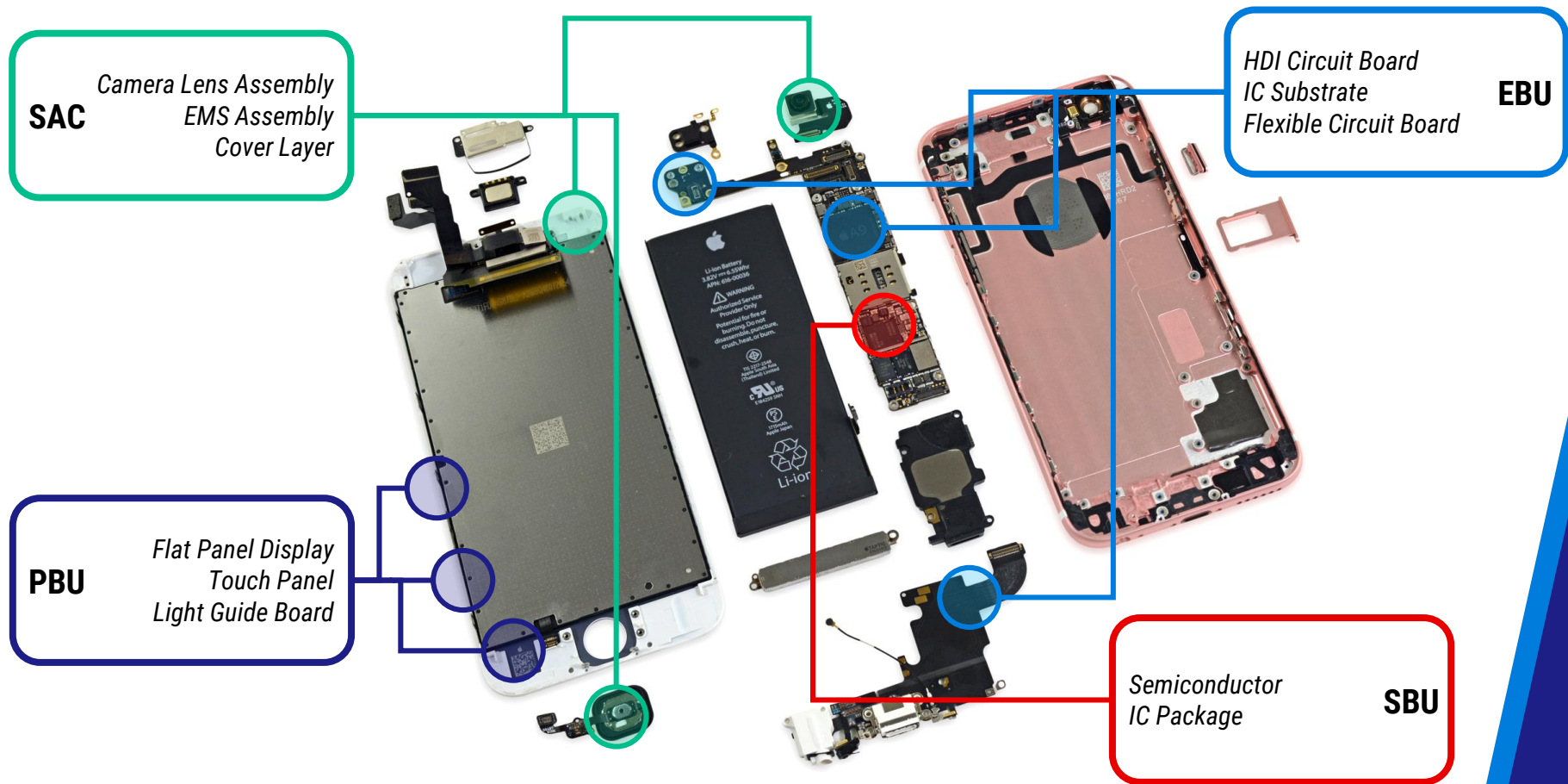


Focused on R&D and innovation, SAA holds more than 150 patents, and it has won the Innovation Research Award twice.

Company Timeline



Automation Targets



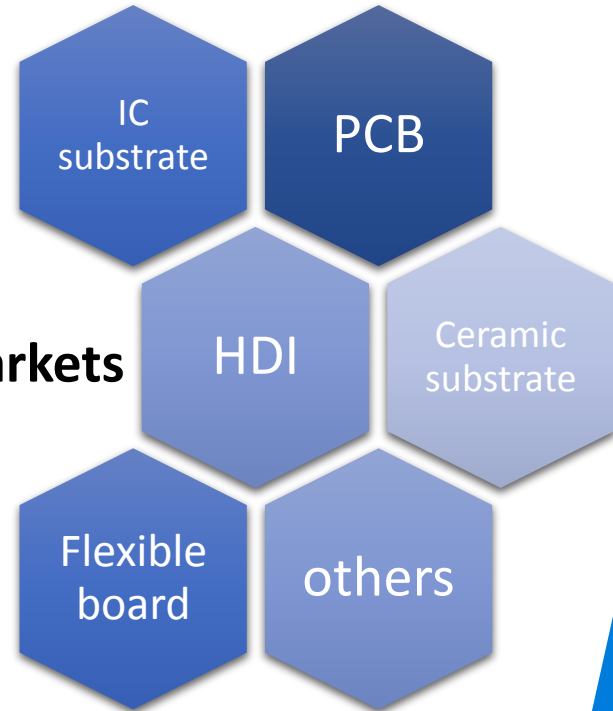
Key players in Smart Automation, Integral Plant Logistics, and Information Planning Integration, with service sites in Taiwan, and East and South China.

Business Projects

Smart Automation for Printed Circuit Board, Flexible Board, HDI, ceramic substrate, and others in electronics industry; turnkey solutions, entire plant logistics, integration planning and services, and equipment sales.

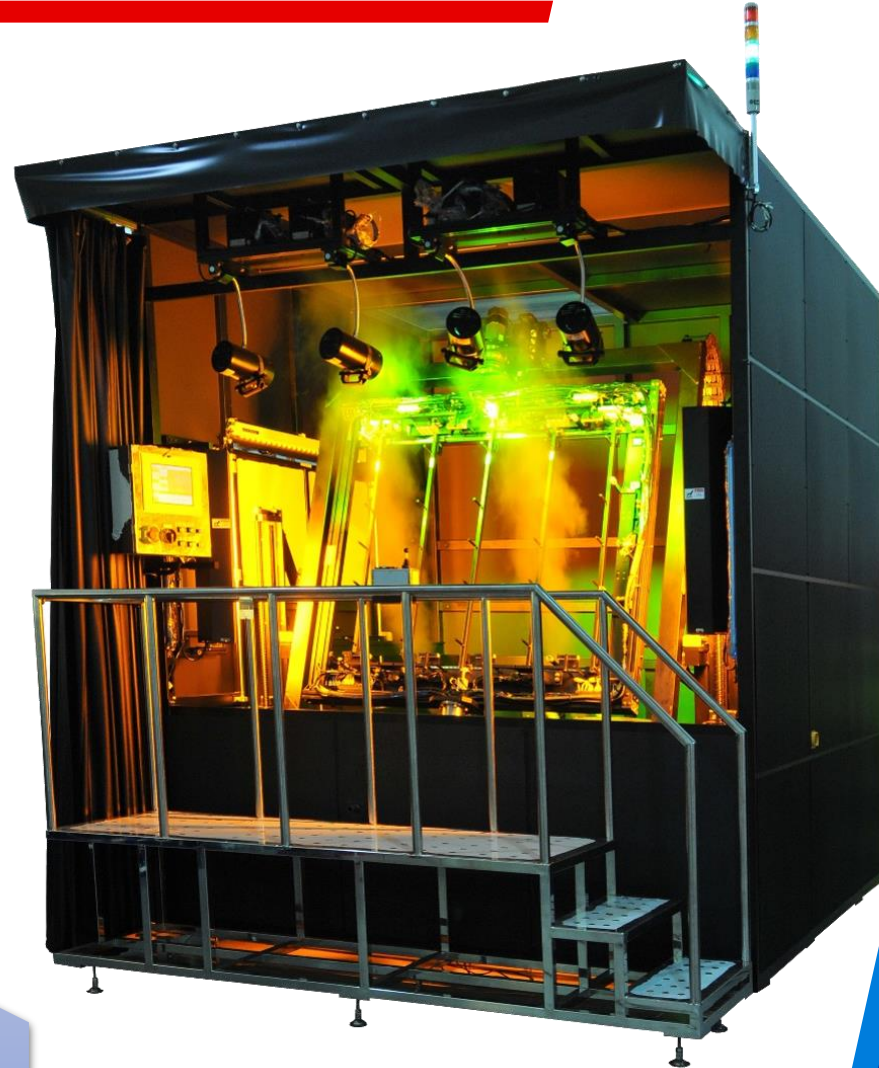
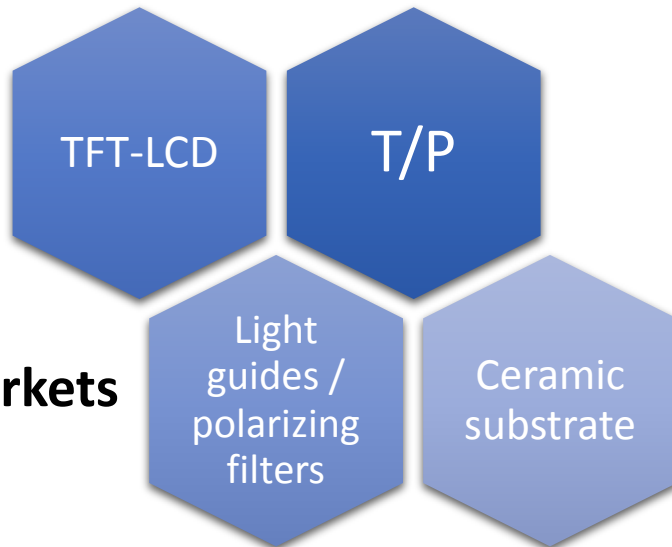


Main markets



Business Projects

Smart Automation for TFT/LCD panels, LED, touch panels; turnkey solutions, entire plant logistics, integration planning and services, and equipment sales.



Business Projects

Smart Automation for semiconductor industry, IC packaging and testing, solar cells; turnkey solutions, entire plant logistics, integration planning and services; intralogistics system integration with AGV and RGV planning and services.



Wafer
handling

Packaging
Solutions

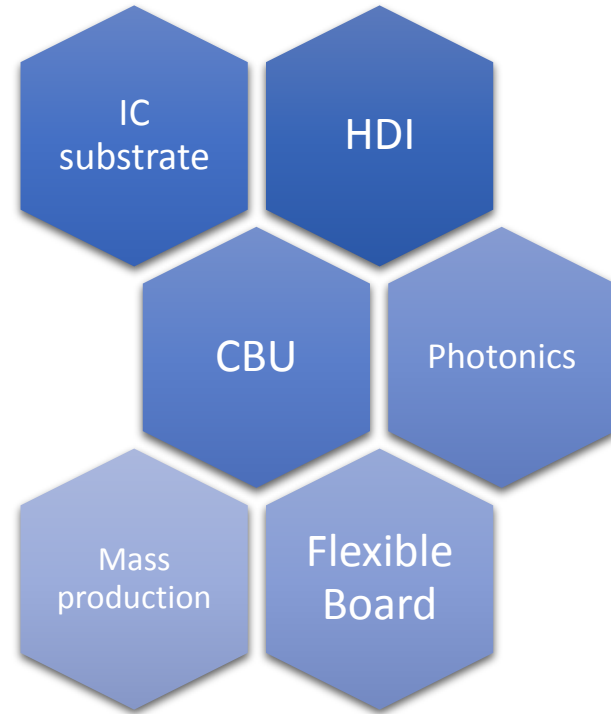
Intralogistics

others

Main markets

Business Projects

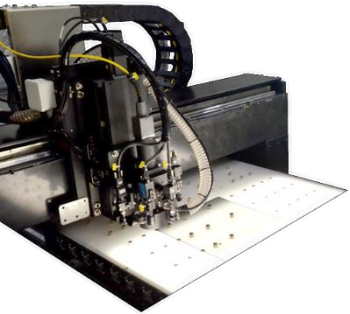
Smart Automation for Printed Circuit Board, Flexible Board, HDI, optoelectronics, and others in electronic assembly industry; entire plant logistics, and integration planning and services in east and south China.



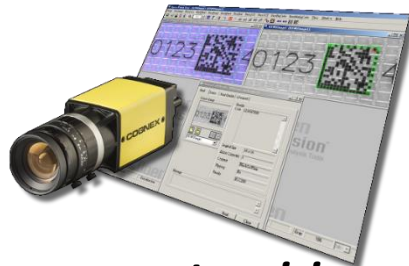
Main markets



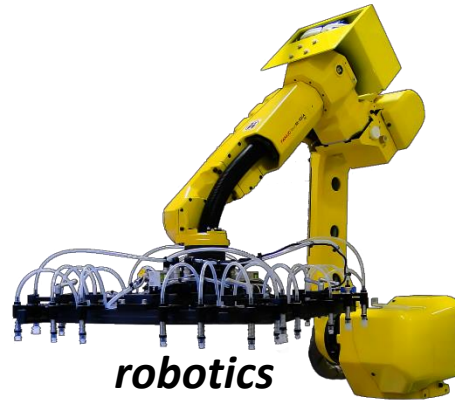
Intelligent Manufacturing R&D



laser applications



computer vision



robotics

Main markets

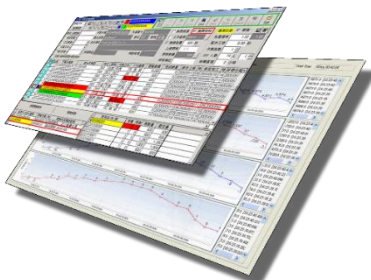
Bicycle Industry

Textile + Footwear

Pharma + Medical

PCB industry

industry 4.0



control software



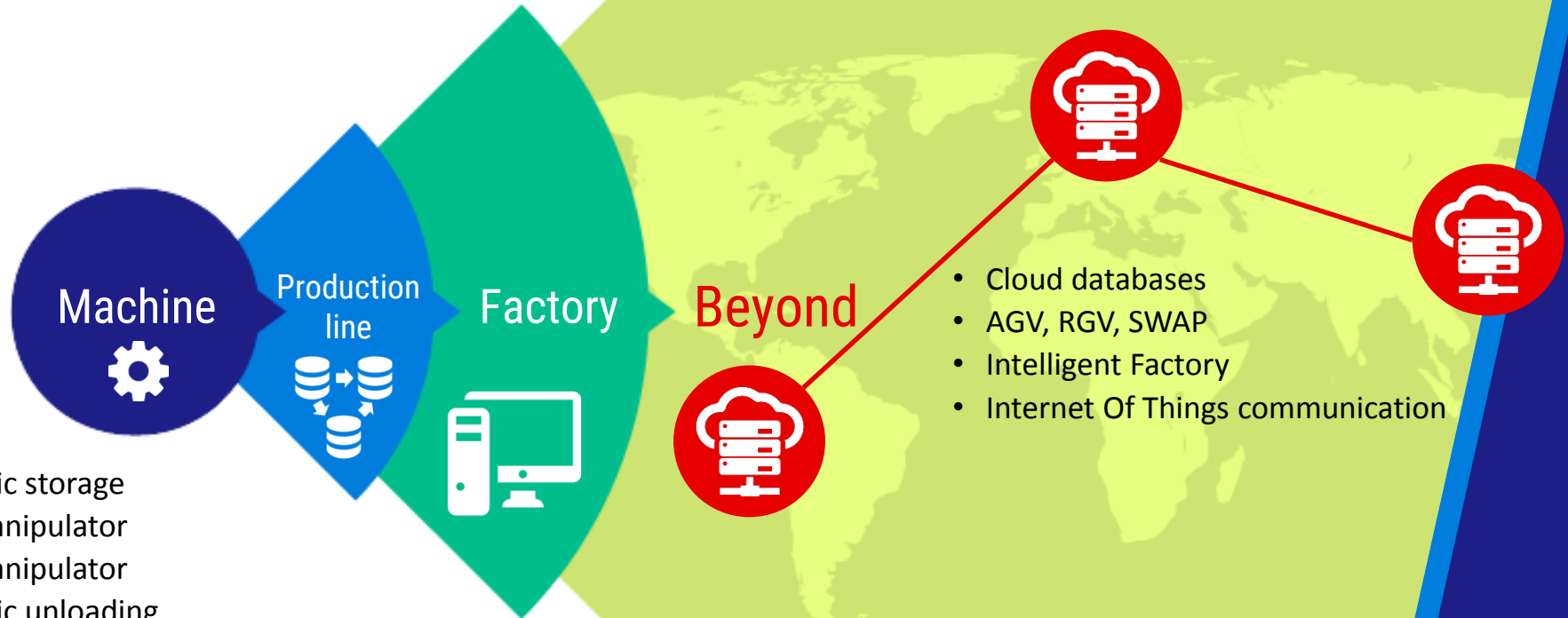
smart automation equipment



AGV and RGV

SAA Smart Manufacturing Strategy

To provide factory integration services by implementing the Industry 4.0 concept



- Automatic storage
- 3-axis manipulator
- 6-axis manipulator
- Automatic unloading
- Single machine automation
- Logistics, information flow integration
- Detection (optical, image processing)

Cross-plant platform using internet services. Integrate large databases in order to control the production process and remote monitoring the inventory.

- Cloud databases
- AGV, RGV, SWAP
- Intelligent Factory
- Internet Of Things communication

Strategic Partners

Key Players in Smart Automation

SAA works with many of the key players in the Smart Automation field. We choose our partners carefully to ensure we can deliver the best solutions to our customers.

We collaborate with some of those partners in designing and testing their new products, consolidating our access to leading edge technology in the industry 4.0 field.



Organizations and Learning Institutions

TPCA 台灣電路板協會
Taiwan Printed Circuit Association



ITRI
Industrial Technology
Research Institute

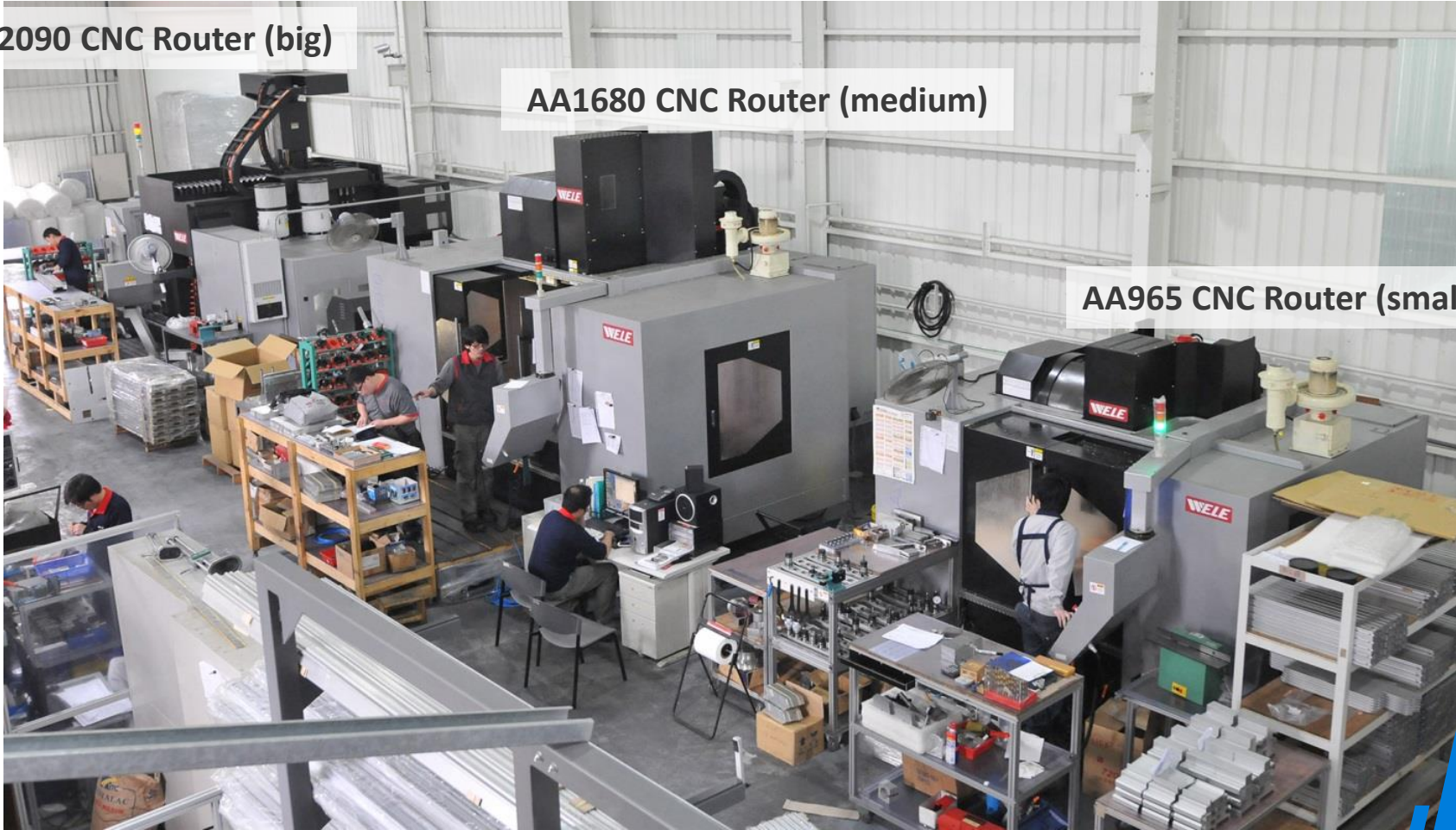


Competitive advantage – our metal workshop

AA2090 CNC Router (big)

AA1680 CNC Router (medium)

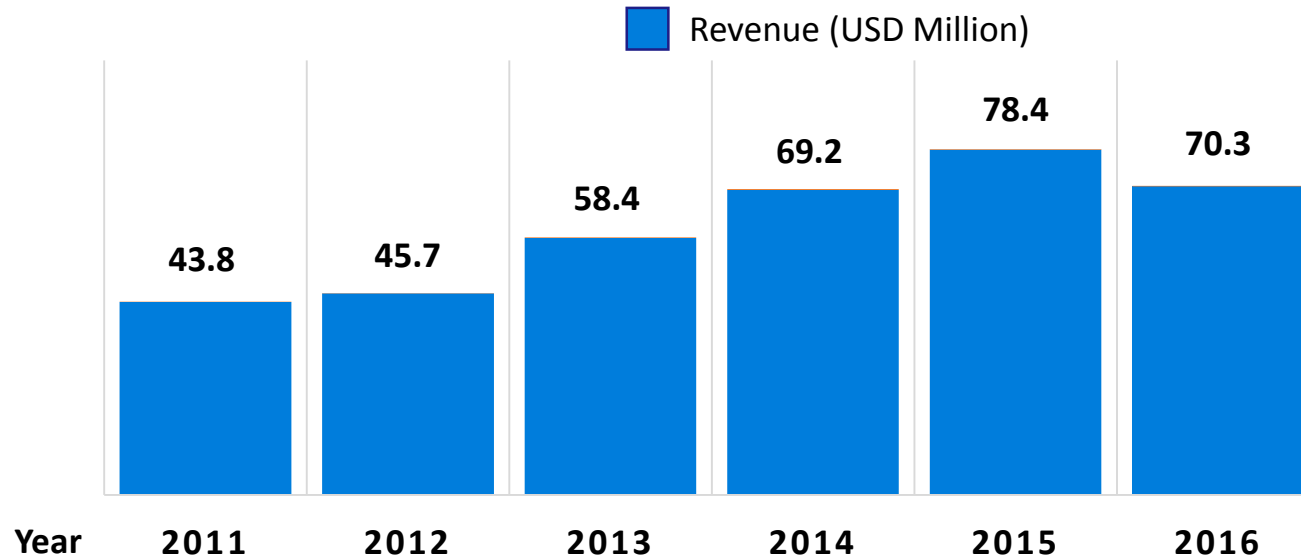
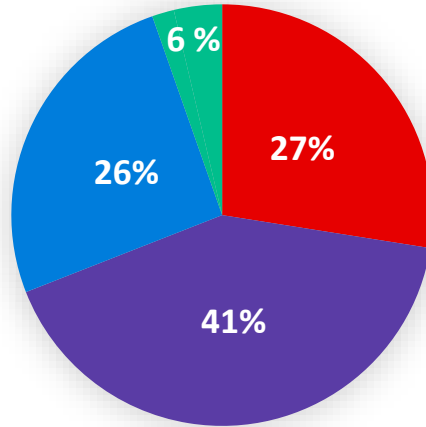
AA965 CNC Router (small)



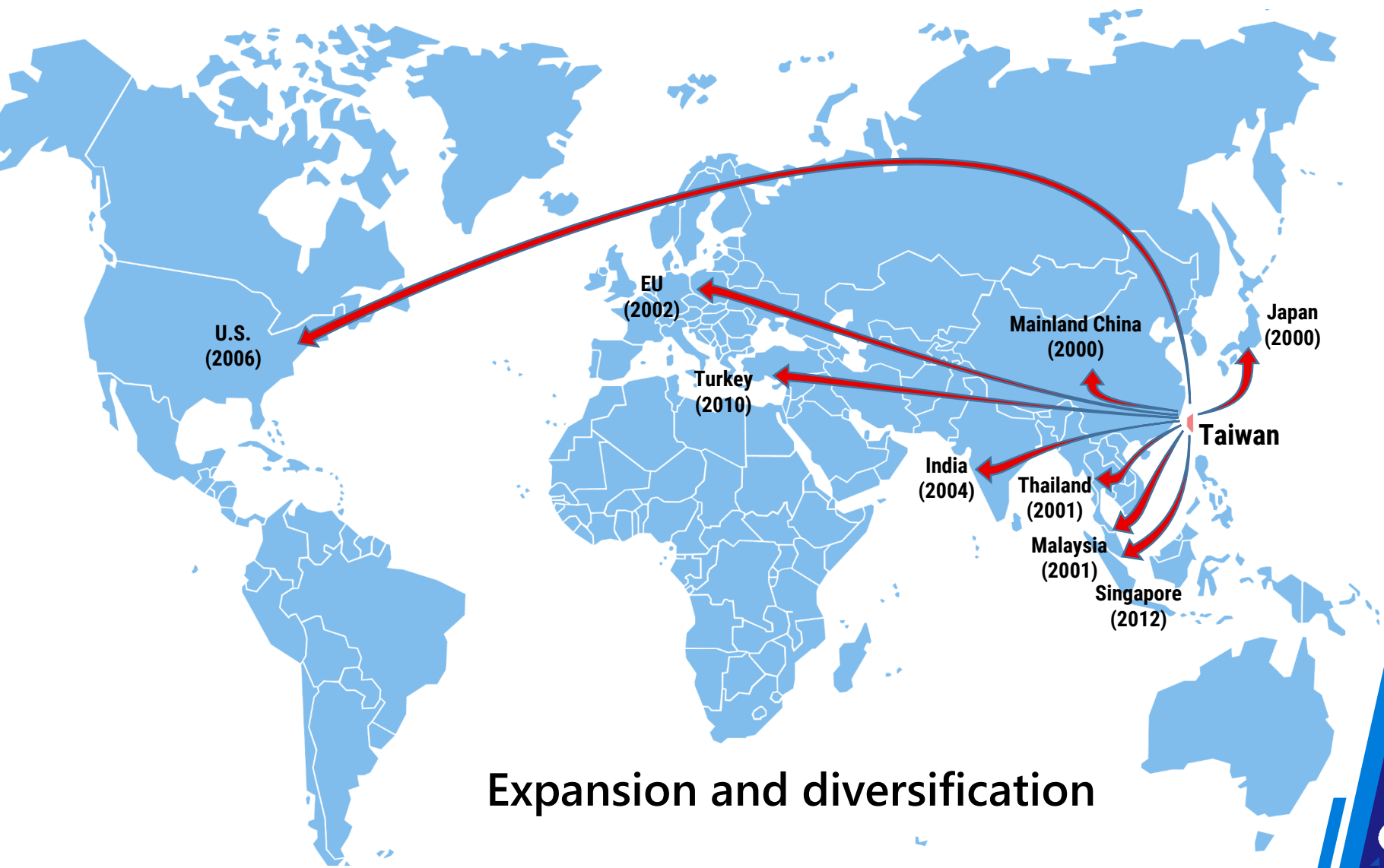
Revenue

- Electronic Business Unit
EBU
- Symtek Automation China
SAC
- Photonics Business Unit
PBU
- Semiconductor Business Unit
SBU
- Intelligent Manufacturing R&D
IMR

By Percentage (2016)



Area of Influence



Expansion and diversification

Contact Information



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