

- ❑ Home to over 5,900 national certified high-tech enterprises
- ❑ An Chinese Academic of Sciences Company
- ❑ SIASUN is the largest robotic company in China
- ❑ Access to high-capacity and cost-effective industrial ecosystems
- ❑ Gateway to Northeast Asia and emerging Belt & Road markets
- ❑ Focus in Smart Manufacturing, Robotics, EV, Digital Technologies

Integrated Industrial Chain Solutions From Planning to Implementation Creating a Sustainable Industrial Ecosystem

不止于供应商，而是产业生态建筑师
Architects of Sustainable Industrial Ecosystems

Workforce Disruption & Job Shifts by 2030

- ❑ WEF projects a 22% disruption in jobs
- ❑ 170 million new roles emerging
- ❑ 92 million roles displaced
- ❑ Net gain of 78 million jobs globally

World Economic Forum Forbes India

Upskilling & Skills Obsolescence

- ☐ 40% of job skills are expected to become outdated by 2030
- ☐ Critical need for reskilling and lifelong learning

World Economic Forum Business Today

We Know The **WHY** & The **WHAT** ! **HOW** Do We Solve It?

Factory In College Model

- ☐ Hands-On, Real-World Learning
- ☐ Rapid Technology Adoption
- ☐ Customizable for Industry Needs
- ☐ Reskilling for Displaced Workers
- ☐ Stronger Industry-Education Ecosystem
- ☐ Encourages Green & Digital Skills

Tech Transfer Through Project Implementation

Immediate, Practical Impact

- ❑ Instead of learning from theory or case studies, local companies and workers apply new technology in real, operational projects.
- ❑ Example: An **EV truck conversion project** not only delivers green transport but also trains local engineers on battery systems, power electronics, and safety protocols

Capacity Building Through Doing

- ☐ When local teams co-develop and co-install the technology, they retain know-how for future maintenance, upgrades, and replication.
- ☐ This builds long-term self-reliance rather than dependency on foreign contractors.

Customizing Technology for Local Context

- ❑ Technologies are adapted to ASEAN's climate, infrastructure, and market realities during implementation.
- ❑ Example: Smart farming solutions tuned for tropical weather and smallholder farm sizes.

Accelerating Workforce Reskilling

- ☐ Project teams blend foreign experts with local trainees, ensuring skills transfer happens in real time.
- ☐ This approach is often faster and more effective than classroom-only training.

Strengthening Industry–Education Links

- ☐ Universities, TVET institutions, and industry partners can collaborate on the same project, turning it into a live training ground.
- ☐ This ties directly into the “Factory in College” concept, creating an Ecosystem of its own.

An Example of Digitalization That We all know

QR Code Technology in Restaurant

Customers

- ☐ Convenience & Speed – Scan menu anytime, order and pay instantly.
- ☐ Reduced Errors – Orders go directly into the system, no misunderstandings.
- ☐ Customizable Experience – Easily adjust dishes before sending the order.
- ☐ Contactless & Hygienic – Important for health safety.
- ☐ Access to Information – View nutrition facts, allergy alerts, ingredient sources.

Restaurant Owners

- ☐ Reduced Printing Costs – No need to reprint menus for changes or price updates.
- ☐ Dynamic Pricing – Adjust prices instantly based on demand, stock, or promotions.
- ☐ Higher Order Value – Digital menus can upsell with pictures and suggested add-ons.
- ☐ Reduced Staffing Costs – Fewer front-of-house staff required.
- ☐ Data Insights – Track popular dishes, peak hours, and customer preferences.
- ☐ Inventory Management Link – Sync orders to kitchen and stock systems, reducing waste.

Restaurant Staff

- ☐ Less Manual Entry – Focus on food prep and service.
- ☐ Up-skilling Opportunities – Staff learn to manage POS systems, digital menus, and online marketing.
- ☐ Reduced Stress – Lower peak-time chaos as orders flow directly to the kitchen.

Suppliers

- ❑ Better Demand Forecasting – Order data helps predict ingredient needs and optimize supply chains.
- ❑ Closer Collaboration – Real-time sales data allows suppliers to align deliveries with demand.

Government / Tax Authorities

- ❑ Transparent Transactions – Digital orders and payments create traceable records, reducing tax evasion.
- ❑ Higher Tax Compliance – Automated sales logs ensure proper VAT/GST reporting.
- ❑ Industry Data – Government can analyze consumption patterns for economic planning.

New Jobs Created

- ❑ QR Menu Designers – Digital menu creation and UX optimization.
- ❑ POS Software Developers & Maintainers – Ordering and payment systems.
- ❑ Digital Marketing Specialists – Promotions for QR ordering platform.
- ❑ Data Analysts – Interpreting order patterns to improve operations.
- ❑ Customer Experience Trainers – Helping restaurants adopt the system.

Wider Societal Benefits

- ❑ Environmental Impact – Less paper waste.
- ❑ Inclusivity – Menus can be translated instantly for foreign visitors.
- ❑ Innovation Mindset – Encourages small businesses to explore other digital tools.



SIASUN 新松教育科技



ANDY PAN
+86-185-6533-0209
andy@siasun-group.com
www.siasun-group.com

