

COMPANY PROFILE



Engineering intelligent automation — from concept to commissioning.

System Integration • Automation Solutions • Robotics • Machine Vision



WHO WE ARE

A Single-Source Automation Partner

HARXIAN Automation & Engineering Pte Ltd is a Singapore-based system integrator delivering complete industrial automation solutions. We design, build, and implement systems end to end — mechanical design, electrical control, and software — helping manufacturers raise productivity, quality, and consistency.

From standalone special-purpose machines to fully integrated robotic production lines, we partner with our clients from concept through commissioning and ongoing support.

End-to-End

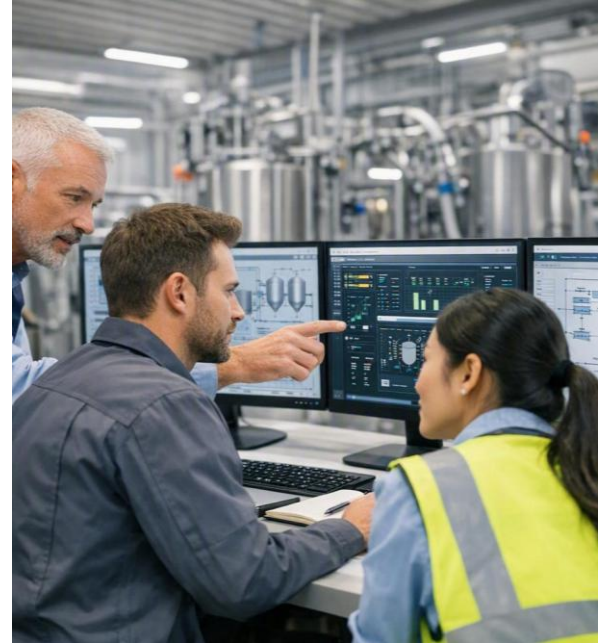
Design → build →
integrate

In-House

Own engineering &
assembly

Multi-Industry

Precision-driven sectors



OUR DIRECTION

Vision & Mission

VISION

To be a trusted automation partner enabling smarter, more efficient manufacturing across Asia and beyond.

MISSION

To deliver reliable, precisely engineered automation — uniting mechanical design, electrical control, software, and robotics — that solves real production challenges and creates lasting value for our customers.

Precision • Reliability • Innovation • Partnership



What We Do



System Integration

Turnkey integration uniting hardware, controls, and software into one seamless line.



Machine Design & Engineering

Mechanical design of automation equipment tailored to each application and target.



Electrical Control & Software

PLC, HMI, motion control, and custom software for precise, repeatable operation.



Custom & SPM Machines

Design and build of customised automation and special-purpose machines.



Robotic Automation

Robotic cells, pick-and-place, and sorting for high-speed, high-accuracy handling.



Vision Systems

Machine vision for inspection, measurement, guidance, and traceability.

System Integration & Engineering

- Turnkey system integration and implementation
- Mechanical design of automation machines and lines
- Electrical control design — PLC, HMI, servo & motion
- Control software development and programming
- Commissioning, validation, and line qualification



Custom & Special-Purpose Machines



- Customised automation machines built to your process
- Special-purpose machine (SPM) design & manufacturing
- SPM integration into new and existing production lines
- Precision assembly, dispensing, testing & handling stations
- In-house build, assembly, and factory acceptance testing

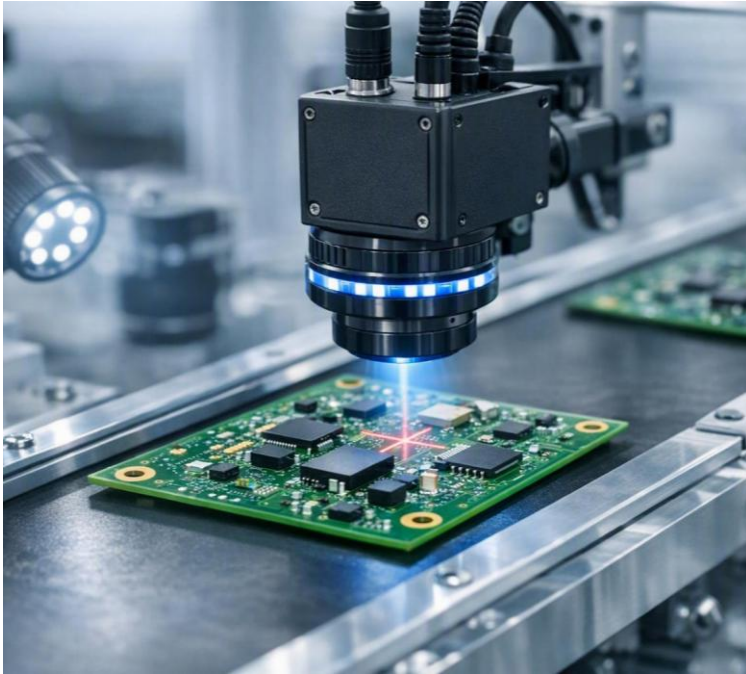
CAPABILITY

Robotic Automation Solutions

- Industrial & collaborative robot cell integration
- Pick-and-place (PnP) machines for high-speed handling
- Automated sorting machines and material handling
- Robotic assembly, loading/unloading, and packaging
- End-of-arm tooling and full system integration



Vision System Implementation



- Automated optical inspection and defect detection
- Precision measurement and dimensional verification
- Vision-guided robotics and part alignment
- Barcode / OCR reading and product traceability
- Integration with controls and production data systems

Industries We Serve

Serving precision-driven industries — and every manufacturer seeking smarter, more reliable automation.



Semiconductor



Pharmaceutical



Medical Equipment



Food & Beverage



Aerospace



General Manufacturing

Our Engineering Approach

01

Consult & Analyse

Understand your process, requirements, and throughput goals.

02

Design & Engineer

Mechanical, electrical, and software design of the solution.

03

Build & Assemble

In-house manufacturing, wiring, and control programming.

04

Integrate & Commission

On-site installation, testing, and validation.

05

Support & Optimise

Training, maintenance, and continuous improvement.

Why Partner With HARXIAN

Single-Source Partner

Design, build, controls, and integration delivered under one roof.

Precision Engineering

Solutions engineered for accuracy, repeatability, and uptime.

Cross-Industry Expertise

Experience across regulated and high-precision manufacturing.

End-to-End Support

From concept and commissioning to dependable lifelong service.

LET'S BUILD YOUR AUTOMATION



Automate your production with a single trusted partner.

HARXIAN AUTOMATION & ENGINEERING PTE LTD

CONTACT

Muru

PHONE

+65-9857 7655

EMAIL

sales@harxian.com

WEB

www.harxian.com

ADDRESS

#10-11, 10 Anson Road, Singapore 079903