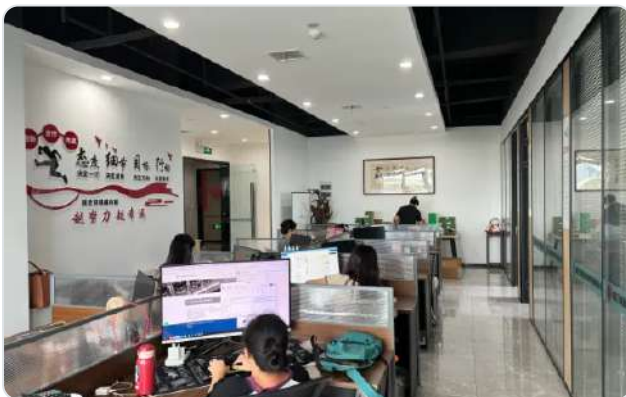# Industrial Automation Excellence with Omron Solutions

Partner with Hengyixin Automation for cutting-edge technology that drives efficiency, precision, and innovation in your manufacturing operations.

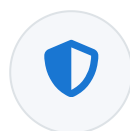# PIONEERING INDUSTRIAL AUTOMATION

ABOUT US

As a premier authorized Omron distributor, Hengyixin Automation has been a cornerstone of the industrial solutions sector for over 15 years. Our foundation is built upon an unwavering commitment to providing genuine, high-performance automation components. We stake our reputation on the integrity and quality of every product we deliver, ensuring that our clients receive nothing but the best.

Our core mission extends beyond distribution; we aim to forge lasting partnerships by delivering an exceptional customer experience. Our dedicated team of engineers and support staff offers personalized guidance through every stage of your project. From initial component selection and technical consultation to after-sales support, we are here to ensure your long-term satisfaction and empower your operational success. We believe in building the future of industry, one reliable component at a time.

Your Strategic Advantage in Automation

UNCOMPROMISING QUALITY

Receive 100% genuine Omron products, subject to stringent quality assurance and backed by full manufacturer warranties.

GLOBAL LOGISTICS

Our strategic warehousing and reliable worldwide shipping ensure you get the right parts, on time, anywhere in the world.

24/7 EXPERT SUPPORT

Round-the-clock availability to ensure fast responses and reliable service at any time from our team of experienced engineers.

15+
YEARS EXPERIENCE

500+
CLIENTS SERVED

99%
SATISFACTION

Product Catalogue

Controllers

CP Series Compact PLCs

✓ Cost-effective and easy to apply for basic machine control.

✓ Four types of CPU units available, from 10 to 60 I/O points.

✓ Optional expansion units for added flexibility.

CJ Series Modular PLCs

✓ High-speed performance for demanding applications.

✓ Flexible, modular design allows for system customization.

✓ Wide range of CPU, I/O, and special function units.

NX Series Machine Automation Controllers

✓ Integrated control of logic, motion, safety, and vision.

✓ Fast and accurate control with EtherCAT connectivity.

✓ Compliance with IEC 61131-3 standard programming.

NJ Series Machine Automation Controllers

✓ Advanced motion control capabilities up to 256 axes.

✓ Built-in database connectivity for seamless data handling.

✓ Synchronized control of all machine devices.

Product Catalogue

Sensors & Vision

E3Z Photoelectric Sensors

- ✔ Compact size for easy integration into tight spaces.
- ✔ High reliability with long sensing distances.
- ✔ Wide variety of models for diverse applications.

E2B Proximity Sensors

- ✔ Reliable detection of ferrous metals.
- ✔ IP67 rating for excellent water and oil resistance.
- ✔ 360° high-visibility indicator for easy status checks.

FH Series Vision Systems

- ✔ Ultra-fast processing for high-speed production lines.
- ✔ Flexible and scalable architecture.
- ✔ Advanced algorithms for stable and precise inspection.

ZX Series Displacement Sensors

- ✔ High-precision measurement of distance and position.
- ✔ Laser technology for accurate and stable readings.
- ✔ Smart settings for quick and easy setup.

Product Catalogue

Human-Machine Interfaces (HMIs)

NB Series Economy HMIs

- ✓ High-resolution TFT LCD screens from 3.5 to 10 inches.
- ✓ Extensive connectivity options including Ethernet and USB.
- ✓ User-friendly software for easy screen design.

NA Series Advanced HMIs

- ✓ Widescreen format with high-resolution displays.
- ✓ Powerful processor for fast screen response and data handling.
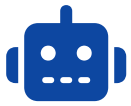- ✓ Integrates with Sysmac platform for unified development.

NS Series Advanced HMIs

- ✓ High-resolution display for clear visualization.
- ✓ Multiple communication ports (Ethernet, USB, Serial).
- ✓ Video input/output and data logging capabilities.

NV Series Compact HMIs

- ✓ Combines display and control functions in one unit.
- ✓ Space-saving design ideal for small machines.
- ✓ Supports ladder programming and macro functions.

Product Catalogue

Drives & Motion

1S Series Servo Systems

✓ High-speed, high-precision motion control.
✓ Compact design saves space in control panels.
✓ Advanced safety functions integrated (STO).

G5 Series Servo Drives

✓ Excellent positioning accuracy and vibration suppression.
✓ Wide range of motor capacities available.
✓ EtherCAT models for seamless integration with MACs.

MX2 Inverters

✓ Designed for advanced machine performance.
✓ High starting torque and precise speed control.
✓ Built-in application functionality (e.g., positioning).

RX2 Series Inverters

✓ High performance with vector and scalar control.
✓ Built-in safety (STO SIL3) as standard.
✓ Designed for permanent magnet synchronous motors.

Product Catalogue
Safety Systems

G9SP Safety Controllers
- ✔ Software-based configuration for flexible safety logic.
- ✔ Monitors a wide range of safety inputs.
- ✔ Clear diagnostics for easy troubleshooting.

D4SL Safety Door Switches
- ✔ Compact and versatile guard-locking switch.
- ✔ High locking force for operator protection.
- ✔ Multiple contact configurations available.

F3SG-R Safety Light Curtains
- ✔ Provides finger, hand, or body protection.
- ✔ Robust housing and simple alignment.
- ✔ Muting and blanking functions for application flexibility.

G9SA Safety Relays
- ✔ Compact, easy-to-use safety relay units.
- ✔ Expandable with multiple extension units.
- ✔ Simple logical AND connection for complex setups.

Product Catalogue

Relays

G2RV Slim Industrial Relays

- ✔ 6mm width saves significant panel space.
- ✔ Push-in Plus terminals for quick wiring.
- ✔ Large, easy-to-read mechanical indicator.

MY General-Purpose Relays

- ✔ Best-selling relay known for reliability and long life.
- ✔ Multiple contact configurations (2PDT, 4PDT).
- ✔ Wide range of coil voltages.

G3NA Solid State Relays (SSR)

- ✔ Silent, high-speed switching with no moving parts.
- ✔ Compact design with integrated heat sink.
- ✔ Ideal for precise temperature control applications.

G6B Miniature Power Relays

- ✔ Compact with high switching capacity (5A).
- ✔ Fully sealed construction for reliability.
- ✔ Low power consumption for energy efficiency.

Product Catalogue

Switches

D4C Enclosed Switches

- ✔ Compact, slim-body limit switch.
- ✔ High degree of protection (IP67).
- ✔ Variety of actuator types for different machine movements.

A22 Series Pushbuttons

- ✔ Modular construction for easy customization.
- ✔ Wide range of colors, shapes, and illumination options.
- ✔ 22-mm diameter for standard panel mounting.

D2F Ultra-Subminiature Basic Switches

- ✔ Extremely compact size for small equipment.
- ✔ High reliability and long mechanical life.
- ✔ Available with various terminal types and actuators.

A16 Series Pushbuttons

- ✔ Miniature design with a 16mm mounting diameter.
- ✔ Bright and uniform LED illumination.
- ✔ Modular design for easy panel configuration.

Product Catalogue

Power Supplies

S8VK-X Series Switched-Mode

✔ Compact size, one of the smallest on the market.

✔ Ethernet/IP, Modbus TCP connectivity for monitoring.

✔ Wide operating temperature range (-40 to 70°C).

S8VK-G Pro Series

✔ Reliable and robust design for harsh environments.

✔ Power Boost function provides 120% of rated current.

✔ High efficiency reduces energy consumption.

S8VK-S Value Design

✔ High reliability at a competitive price point.

✔ Coated PCBs for resistance to harsh environments.

✔ Push-in Plus technology for simple wiring.

S8FS-G Industrial Series

✔ Robust and versatile for a wide range of applications.

✔ Resistant to tough industrial environments.

✔ Overload and overvoltage protection included.

MEET OUR EXPERT TEAM

The dedicated professionals behind our commitment to quality, innovation, and unwavering customer success.
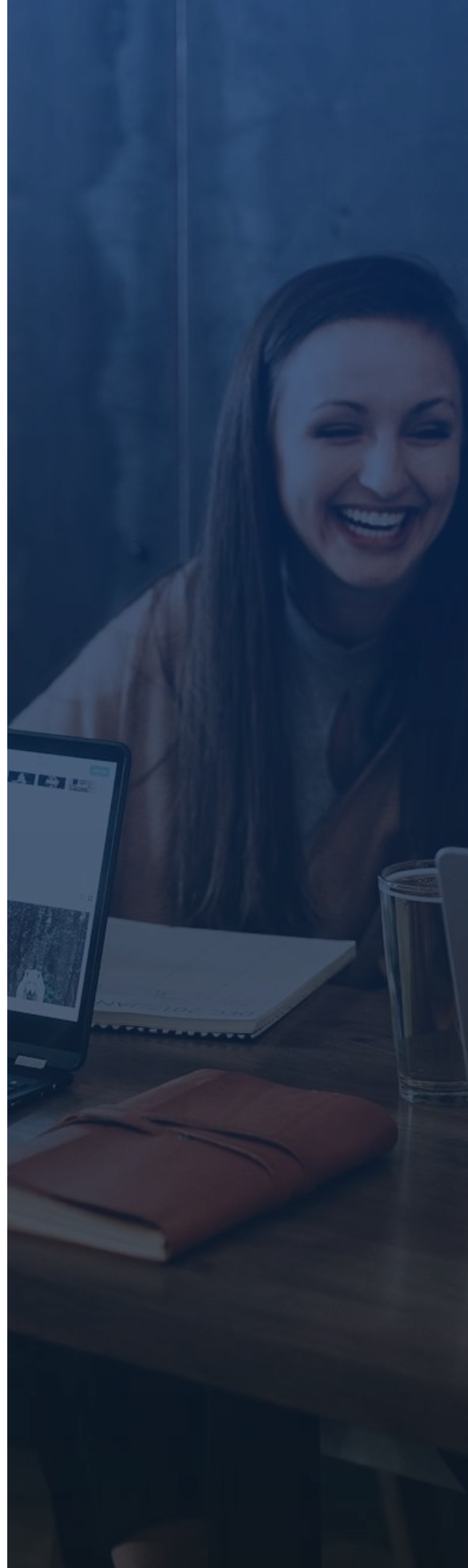
Yonghui
Founder & CEO

Jorge
Sales

Jessie
Sales

Carter
Sales

FREQUENTLY ASKED QUESTIONS

Your questions, answered. Find quick solutions to common inquiries about our products, services, and policies.

Are all your Omron products genuine?

Absolutely. As a premier authorized Omron distributor, we guarantee that every product we sell is 100% genuine, new, and sourced directly from Omron. Each item comes with a full manufacturer's warranty.
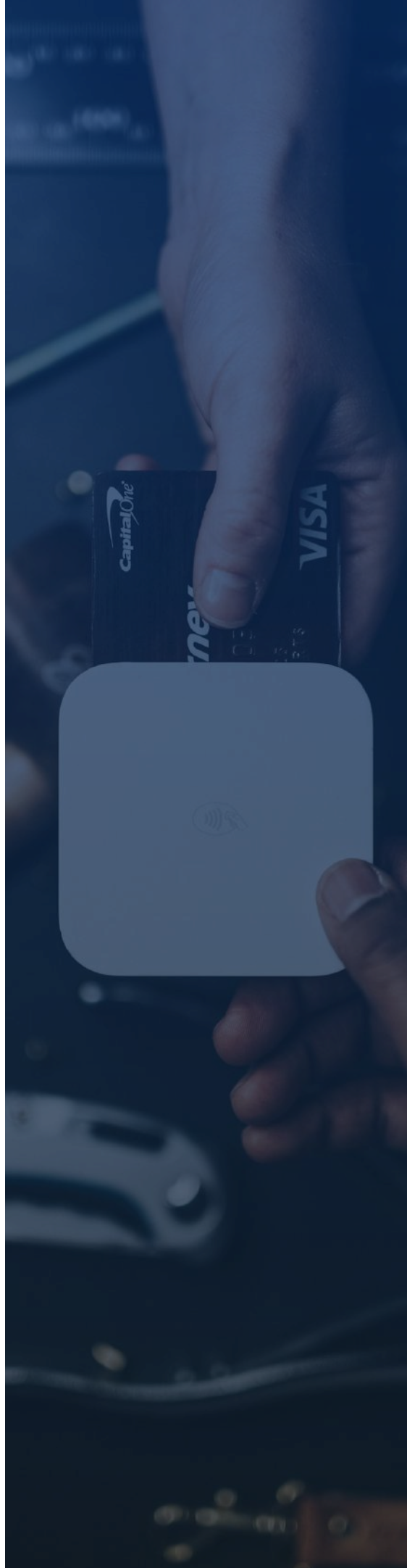
Do you ship internationally?

Yes, we have a robust global logistics network. We ship worldwide using reliable carriers like DHL, FedEx, and UPS to ensure your components arrive safely and on time, wherever your operations are located.

How can I get technical support for a product?

Our expert team is here to help. You can contact us via email or WhatsApp. Please provide the product SKU and a detailed description of your issue, and our technical support staff will assist you promptly.

What is your return policy?

We accept returns for defective products under the manufacturer's warranty. If you believe you have received a faulty item, please contact our support team within 14 days of receipt to initiate the warranty claim process.

Let's Build the Future of Automation Together.

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Visit Our Website