One connection –
One software – One machine controller

Sysmac: A fully integrated platform

OMRON

Factory Automation
HMI · Programming · DB connection · IT systems

Machine Control
Servo · Inverter · I/O - Safety · Vision · Robotics · Sensing

Flexible and integrated production business models

In today's globalized manufacturing environment, diverse and complex challenges arise and need to be overcome. The global market rapidly changes, and manufacturing companies are under increasing pressure to supply products in a timely manner that satisfy a wide variety of consumer needs. Omron industrial automation makes efficient, flexible and cost effective manufacturing possible.

Innovation
- New technology for smart manufacturing
- Collaboration between humans and machines
- Environmentally safe products

Productivity
- Integrated systems for optimized manufacturing
- Production data available in real-time
- In-line quality inspection: zero defects

Flexibility
- Quick product changeovers
- Openness and third party connectivity
- Scalable systems for optimum solutions

Reliability
- Non-stop processes, 24/7 operation
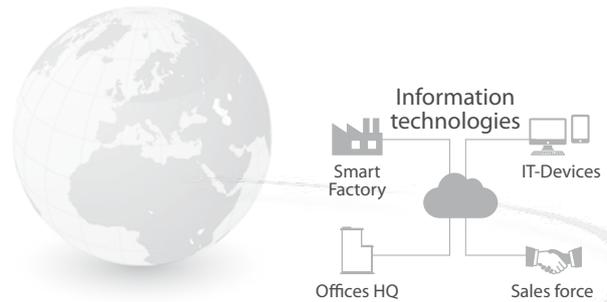- Extended product lifecycle

Globalization
- Products meet global standards
- Local support for training, repairs and spare-parts supply
- Engineering environment compliance with global standards

sysmac
always in control

industrial.omron.com

OMRON

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Integration and Functionality

Sysmac is an integrated automation platform dedicated to providing complete control and management of your automation plant. At the core of this platform, the Machine Controller series offers synchronous control of all machine devices and advanced functionality such as motion, robotics and database connectivity. This multidisciplinary concept allows you to simplify solution architecture, reduce programming and optimize productivity.

Information technologies

Smart Factory

IT-Devices

Offices HQ

Sales force

Information

FACTORY AUTOMATION

Pills blister packing

Integrated Automation Control:
The Sysmac platform provides the performance and functionality for a wide range of solutions from simple machines to complete manufacturing cells

MACHINE CONTROL

Machine Automation Controller

Motion

Filling line

Safety

Assembly

Vision

Quality inspection

Robotics

© ETR 300   Pick & Place

Sensing

Presence detection of the rubber seal

One integrated development environment software for configuration, programming, simulation and monitoring

Would you like to know more?

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