

# Hardware Solutions

with YASKAWA Robotics – The complete solution



## I/O systems

*Slice I/O system*

Do you need additional I/O signals? Simply expand your robot easily and effectively with SLIO I/Os. Possible interfaces are Ethernet/IP, Modbus, EtherCAT or CANopen in addition to PROFINET and PROFIBUS.

More is almost not possible!

## Remote maintenance

*24/7 support*

VIPA remote maintenance solutions are suitable for monitoring and additional optimization of your plants in case of error. A wide range of teleservice modules opens up all possibilities of an easy to setup and reliable monitoring of your systems.

## Networking Components

*Always online*

Especially for the robot industry we also offer Ethernet switches besides numerous PROFIBUS repeaters. This enables, for example, an easy and clear expansion of your PROFINET networks with 5/8 port switches. We will be happy to advise you.

## HMI

*Operating and monitoring at the highest level*

VIPA HMIs can execute a lot more than to setup tools, configure projects or monitor processes. With its numerous interfaces they are ideal for deployment with your YASKAWA robots. You can use your VIPA HMI optimally by means of many sample projects. Ask us for more information!

## Safety

*Modular safety solutions*

samos PRO COMPACT, the next generation safety controller is a compact and fast modular safety micro controller for monitoring and controlling applications in the field of machinery and plant construction.

## Control

*300S + SLIO*

Control your application with a VIPA PLC and connect your robot as a slave via PROFINET using the VIPA 300S or SLIO CPUs. Example applications are: tending, die-casting, plastic molding, picking, packing, palletizing, testing and sorting.

## Accessories

*The right accessory at hand*

The best automation products are useless without the suitable accessories. VIPA offers a wide spectrum of the entire control technology. Starting with the top selling PROFIBUS plugs and preassembled front connectors up to different cable variations.



A YASKAWA COMPANY

# Software Solutions

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## Green Solution



## SPEED7 Studio

## MotoLogix

### Green Solution

Energy management with robot applications

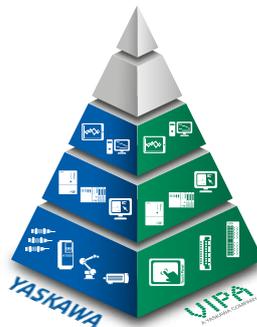
Meanwhile energy saving affects everyone. By using VIPA Green Solution you always know the energy consumption of your application effectively and can save up to 40% in energy. Our HMI's always keep you up to date, no matter whether local or worldwide.



### SPEED7 Studio

VIPA engineering software

You can optimize your robot controller again with SPEED7 Studio. With this, you not only connect the VIPA controller and the VIPA panel, but also integrate your robot controller in a very short time with easy to use hardware configuration and the intuitive user interface.



### MotoLogix

YASKAWA robots now speak the VIPA PLC language!

Motologix makes it possible to control up to 4 robots from one PLC. It offers the ability to setup flexible and customizable robot systems which integrate perfectly in a PLC and HMI environment. Motologix comes with a PLC library of function blocks and an visualization templates for your HMI.



[www.vipa.com](http://www.vipa.com)

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