



Solutions

VIPA and YASKAWA – Complete solution from a single source

The company



A YASKAWA COMPANY

VIPA Ltd. has been one of the most innovative suppliers of programmable logic controllers (PLC) for years.

What originally began with the development and production of specific hardware components for the SIMATIC world has now developed to a complete product portfolio around the core competence control technology. VIPA has been setting technological standards with its controller family including integrated SPEED7 technology for years.

In almost 30 years of company history VIPA has always reacted quickly and flexibly to customer and market requirements. We will always maintain this strength of an innovative medium-sized company, in order to develop the best solutions for our clients.



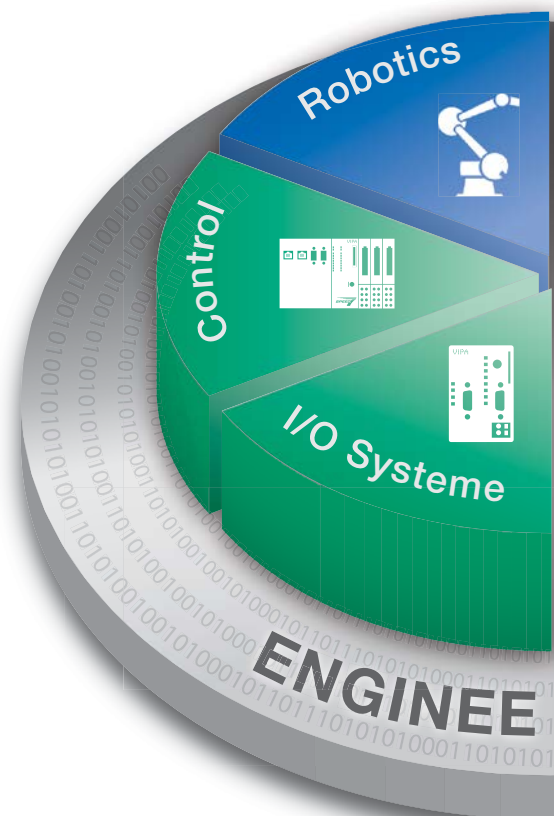
Headquarters Herzogenaurach

Foundation of VIPA GmbH by Wolfgang Seel	Launch of the first own PLC system 200V	Launch of the micro PLC system 100V	Launch of the first 300S CPUs with SPEED7 technology	Introduction of the first panel family of their own	Premiere of the I/O system SLIO
1985	1996	2001	2003	2005	2009

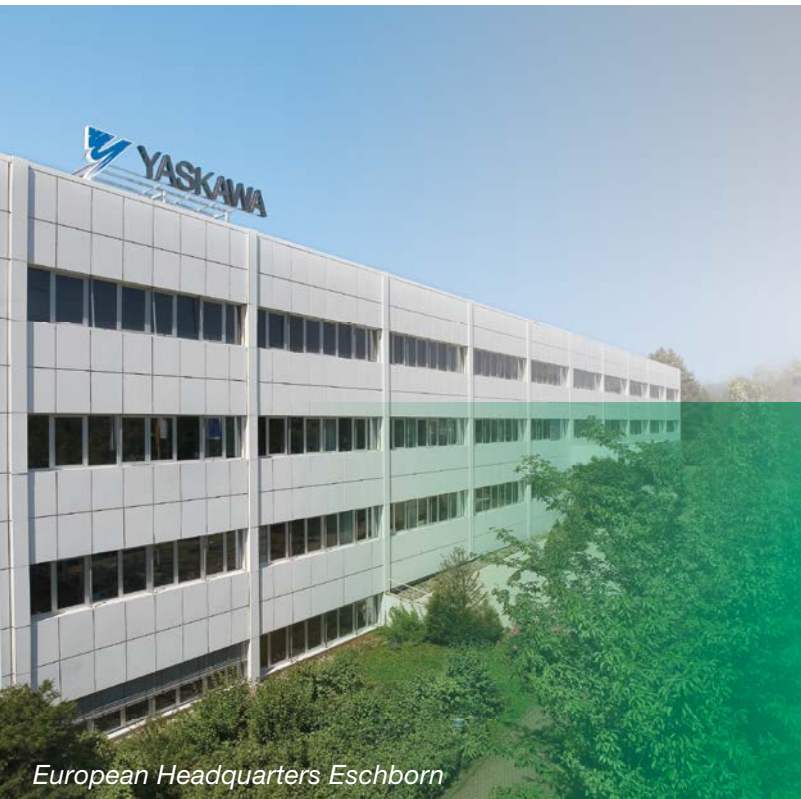
Our control and I/O systems, from SLIO up to 300S, offer you numerous top solutions for your centralized and decentralized control tasks.

A wide range of line displays and touch panels, Panel PCs, visualization systems and programming and parameterization tools is used for operation and visualization of various machinery and plant processes. Useful accessories complement and complete our product range.

- Foundation of VIPA GmbH in Erlangen in 1985
- More than 200 employees at the headquarters in Herzogenaurach
- More than 160,000 machine controllers worldwide installed up to now
- Product range from the early days of communication processors for the SIMATIC by Siemens now grown to a complete range of different control systems, I/O systems, visualizations, and an extensive range of accessories
- More than 60 branch offices and distributors in all continents



The company



European Headquarters Eschborn



Yaskawa Electric is a worldwide leading producer of frequency converters, servo drivers, machine controllers, medium voltage inverters and MOTOMAN industrial robots. The company was founded in 1915.

As a pioneer in drive and control technology YASKAWA always focused on product innovations to optimize the productivity and efficiency of machinery and plants.

In the almost 100 years of company history the products and solutions of Yaskawa have been supporting the automation processes of different industries, among others in mining, machinery and tool construction and in the automobile, packaging, wood, textile and the semi-conductor industry.

Foundation of YASKAWA Electric Manufacturing Co.

1915

Development of „Minertia“ DC servomotors

1958

Sealed motors – first DC servo driver with high performance

1968

Start of the production of floppy disk drives in Japan

1974

First series of AC servo drivers for tool machines

1984

First matrix converter worldwide

2006



Yaskawa offers flexible automation solutions for all industries with a wide range of product variants from standard and customized frequency converters to motion control products.

Producers worldwide deploy MOTOMAN industrial robots. YASKAWA offers industrial robots for any application or industry in the form of turnkey solutions with a large range of different types.

- Founded 1915
- 14,300 employees worldwide
- Installed plants:
 - 16 million frequency converters
 - 9 million servo drivers
 - 230,000 industrial robots
- More than 1.8 million frequency converters produced per year
- More than 800,000 servo motors produced per year
- 20,000 robots produced per year
- More than 60 branches worldwide

One company



SLIO

Control and I/O system

The modular constructed and extremely compact control and I/O system including state of the art SPEED7 technology and a unique configuration concept makes SLIO a control system that is deployable in almost every application.



Teleservice

The intelligent remote maintenance

Regardless of whether controllers, HMIs, robotics or frequency converters: VIPA's remote maintenance products offer you complete access to all of your automation devices. VIPA specializes in remote access via mobile and broadband connections, but of course we also offer you the conventional access facilities.



Frequency converters

Small in design – large in performance

Thanks to intensive research and development work YASKAWA takes a top position in motion control worldwide. With the application of the best components we can guarantee smooth operation and complete satisfaction in the usage of YASKAWA frequency converters.



many customers

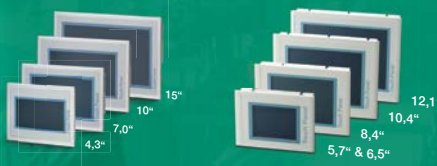


Etikettiermaschine

HMI

Operating and monitoring at a high standard

VIPA eco and professional panels as well as their Panel PCs impress with a solid construction and high performance for almost any type of application. From the small control desk up to large visualizations the panels always cut a fine figure. The main attraction for you is that Movicon Runtime is already pre-installed. You can get started right away.



300S

High performance

300S, powered by the fastest and most advanced motion-based systems with other things, programmed in SPEED7 Studio. Its speed performance is an unbeatable combination suitable for almost all applications.

endless options

control system

by SPEED7, belongs to most powerful μ -controller worldwide and is, among programmable with VIPA. It is characterized by high performance, scalable memory and communication capability for most all demanding applica-



200V

The modular control system

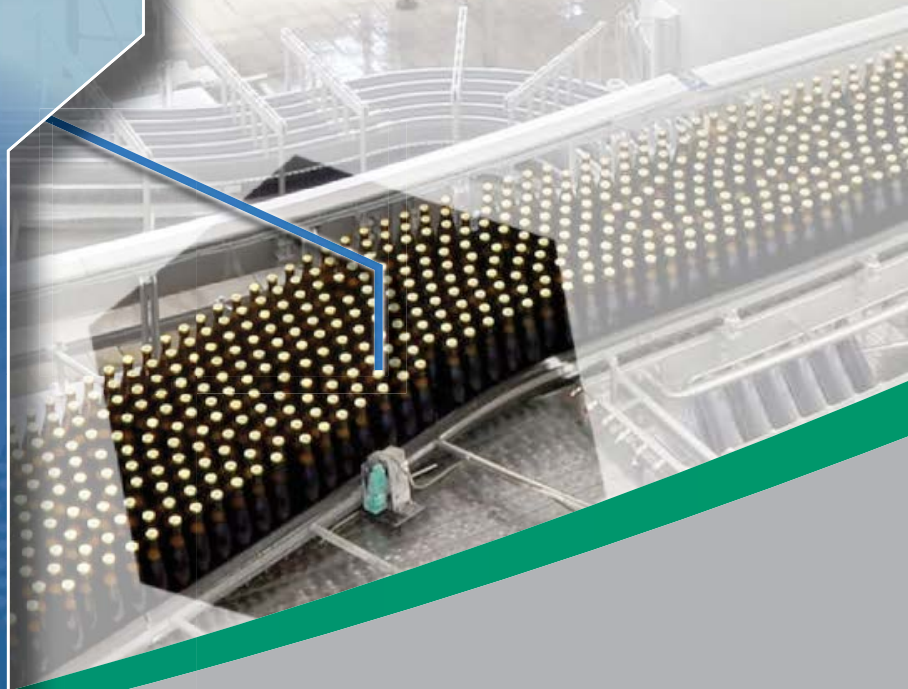
200V is the modular control system suitable for centralized and decentralized deployment. It is characterized by compactness in combination with the instruction set of a CPU from the 300S series. 200V is very flexible due to the centralized expansion of up to 32 modules directly on the CPU and with up to 126 fieldbus slave modules. The size of the module allows deployment in almost every automation environment.



AC servo drivers

Easy set-up

With the Sigma-5 series we speak of servo drivers, consisting of servo motors, servo amplifiers and powerful operation software, everything from a single source and perfectly matched for your application. The most impressive feature of the Sigma-5 series is a positioning accuracy of up to 10 nm with standard products, in connection with very short positioning times and an auto-tuning function that enable a complete servo axis set-up in a high dynamic performance machine in less than two hours – compared to more than eight hours needed by other solutions.



Well-rounded,
customer-oriented range

THE solution



Industrial robots *of highest quality*

The highest quality combined with superior performance has a name, and that is YASKAWA robotics. The product range starts with industrial robots of 2 up to 800 kg payload, via special machines and appliances up to turnkey constructions. You can find YASKAWA robots in many fields of applications such as welding, cutting, palletizing, handling and painting. YASKAWA is the premium brand in automation technology in the field of robotics.



Two specialists with their comprehensive know-how use their concentrated knowledge to develop and to distribute products which perfectly

Ideal solutions for the future

The common line of products from VIPA and YASKAWA opens completely new possibilities for energy saving and environmentally friendly solutions for you. Hence in biogas and sewage plants the energy consumption of all electrical drives and pumps is considerably reduced by means of YAS-

Worldwide development expertise

VIPA and YASKAWA have a global network of developers, on the one hand consisting of specialists in drive control and robotics at YASKAWA and on the other hand from automation experts at VIPA.

The primary aim of VIPA and YASKAWA can therefore only mean
innovative products of the highest quality

match your various applications. The advantage for you: complete solutions from a single source!

KAWA converters while VIPA systems take over the process of control and monitoring.

Fusion with many advantages



Uncompromising customer orientation

Intensive connection to customers and users:

- from the beginning, production and development of specific products, based on customer and market requirements;
- Pool of expert knowledge for drive and control technology;
- ideal supplement to the product range of VIPA and YASKAWA for a complete automation solution.

Tailored solutions from a single source

Example SLIO CPU:

- CPU configuration for the exact implementation of customer requirements: Only buy what is really needed;

Example Motion Control:

- combination of drive technology with frequency converters and servo motors and precise VIPA controlling;

Example robotics:

- exact and fast control of YASKAWA welding, painting and handling robots in combination with VIPA PLCs.

Always nearby – all over the world

Consistent sales and support network from VIPA and YASKAWA in all continents:

- worldwide service and support for your machines and systems guaranteed;
- combines many years of market experience from VIPA in Europe with the leadership of YASKAWA in the American-Asian sector;
- consulting, sales and service worldwide from a single source by VIPA and YASKAWA specialists.



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