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Magpulse Technologies offers high speed, high volume production possibilities and we are committed to provide automation for the same.

Our core engineering strength enables us to provide complete "Automation solution" from concept design, manufacture, installation & commissioning of SPM systems. We provide our customers with the solutions they need to enhance productivity and achieve their manufacturing goals through robots & SPMs. Even for conventional process like welding, conveyors, pick & place and SPMs.

We are value added reseller and system integrators of various leading brands.

We serve for the following automation products:

- PLC Systems
- HMI’s & Panel PCs
- SCADA
- Servos & VFDs
- Robotics
- Sensors, Encoders & Vision systems connectivity

Area of expertise

Aerospace  Automotive

Pharma  Steel
**VIPA GmbH** was founded in 1985 by Wolfgang Seel. The first products were supplements and optimizations for existing Siemens systems, then in the nineties the first PLC-Systems of their own were added, after that innovation followed innovation. Today, with its range of products, among others one of the fastest Hard-PLCs worldwide, VIPA is now completely established.

VIPA PLC systems SLIO, 100V, 200V and 300S offer you a variety of top solutions and benefits for your central and decentral functions, as well as the long-term protection of your investments. All our CPUs are universally programmable with WinPLC7 from VIPA & STEP7 from Siemens.

**Advantages of VIPA PLCs:**

- 10 times higher scan time, compare other competitive products.
- SPEED 7 Processor & Ethernet Interface.
- Maintenance free and easy removal of modules from PLC board with out interrupt wiring.
- Work memory up to 2 MB & load memory can expand up to 8 MB.
- Flexible extension of the memory using a Memory Configuration Card (MCC).
- Easy ordering and reliable for medium level applications in industry need.
- LED display for checking status of each module’s function.
Eco Panels - the solid Touch panels, that are not afraid of any common type of operation. The Movicon Runtime is already preinstalled for you. So you are ready to go. Eco & Eco+ HMI’s starts from 4.2” to 12”.

Features of Eco Panels
- Eco Panels are durable and robust
- Five interfaces
- Mounting depth 50 up to 60 mm
- Multilingual language support
- Large range of interfaces: USB, Ethernet, serial (RS232/422/485), MPI/DP (optional)

Panel PCs - Intelligent control and monitoring - with PC performance in the control cabinet. Runtime Movicon 11 Win Standard optionally preinstalled, optional customer programs also usable.

Features of Panel PCs
- Latest Intel Atom process technology
- High display resolution : up to 21.5” Panel with full HD
- Easy & quick entry in the operating systems
- Cooling without a fan
- High quality metal case

Profi-Bus Hub

Profi-Hub B5 is an advanced, flexible and robust IP20 repeater for Profibus DP installations. With this, it is possible to create spur lines and backbone structure with star and tree structures in an IP20 environment.

Features of Profi-Bus Hub
- 5 galvanic isolated channels (repeater segments)
- Up to 31 users per channel.
- 9.6 Kbps - 12 Mbps (automatic baud rate detection)
- 1200 m spur line length (depends on transmission speed)

Profi-Bus Plug

Profi-Bus plug diagnostic LEDs, integrated as standard, are clearly visible from all sides making this plug a standard for all your Profibus installations. The full metal housing additionally improves the interference immunity of your system.

Features of Profi-Bus Plug
- Visual terminal control (polarity inversion, positioning of screen and cable).
- The highest interference immunity due to the robust.
- Integrated diagnostic LEDs for bus diagnosis as standard
- Versions : 0°, 45°, and 90° cable outlet
Progea is an international company specialized in producing automation software platforms. The company has been operating for more than twenty years in producing industrial software with a steady growth in sales and profits while expanding its international presence. Progea has had the insight to regulate its growth by focusing more on product value rather than product marketing. By investing in technological innovation, research and development.

Movicon

Advantages of Movicon

- Movicon™ has been designed intelligently to fit all user needs to be more productive in less time and effort.
- The more transparent it becomes the more efficient factory management is. Unlike before, users explicitly demand a more realistic presentation of their plant.
- Movicon™ 11 is an all-in-one software platform from Windows™ CE to Windows™ 8 (Win32/64)
- Process Data Recording with object oriented Data Loggers. Powerful and secure automatic DB connection (SQL Server - MySQL - Oracle, other via ODBC Manager) management for archives based on relational DBs.

Automation Platform.NExT

Advantages of Automation Platform.NExT

- Automation Platform.NExT™ has been designed to guarantee maximum scalability and offers just the one development environment for modular solutions.
- It proposes an extremely innovative and pleasant work environment that provides users with a rich and intuitive set of various features.
- It places emphasize on performance management. Fast communications, real-time data management and graphics optimization.
- It makes full use of graphics accelerators and DirectX, guarantee maximum technology without compromising performances.
Yaskawa is committed to contributing to the further evolution of our society by strengthening our core business of "servo motor" & "controller" by offering customers new solutions using this technology.

Sigma-5 series offers rotary servo motor, direct drive motor and linear motor. They cover all market demands with regard to high efficiency, low maintenance and cost effective solution. Embedded open network, MECHATROLINK drive delivers best performance to the machine.

**YASKAWA Servo Drives**

General purpose AC drives provides great performance in the most compact and economical packages for basic variable speed applications.

**Area of Application**

- Automotive
- Pharma industries
- Food & Beverage
- Textiles
- Inspection / Testing System
- Special purpose machines
- Packing industries
- Printing industries

**Advantages**

- Ultra-Small size and capacity
- Certified Explosion Proof
- Compact and lightweight
- Direct-feed mechanism
- High speed and precision positioning
- Directly couples to a load without gear
- Powerful and smooth motion
- Hollow structure for easy wiring/piping

**YASKAWA Servo Motors**

Application specific drives offers full-featured and versatile variable speed drives for every automation application need in the industrial plant.
ESTUN was founded in 1985 by Wolfgang Seel. As a national top AC servo system research, development and production base, Estun Automation is devoted to R & D, manufacturing and sales of high-end products in the realm of motion control.

**ESTUN Servo Drives**

**ESTUN Servo Motors**

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**Area of Application**
- CNC machines
- Textile machines
- Packing machines
- Printing machines
- Wood-working machines

**Advantages**
- Compact and lightweight
- High speed and precision positioning
- High attraction force
- Directly couples to a load without gear
- Powerful and smooth motion
Yaskawa, a wide range of products are available for each application from general to specialized use and from small to large capacity.

**General Purpose Drives**

These series provides great performance in the most compact and economical packages for basic variable speed applications. The most advanced design techniques in combination with large-scale integrated circuit technology allow for an impressively compact drive.

**Application Specific & Regenerative Units**

Application specific drives offers full-featured and versatile variable speed drives for every automation application need in the industrial plant. Power regeneration refers to the function of returning energy that is generated by the motor to the power supply.

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**Area of Application**

- Conveyor
- Food & Beverage
- Agriculture
- Fans & Pumps
- Winder

**Area of Application**

- Elevator
- Hoists & Cranes
- Automatic Parking system
- Escalators
- Climbing cranes
Yaskawa is a global leader in industrial robotics, delivering integrated automation solutions with a full line of Motoman industrial robots and robotic systems. The Robotics applications presence in India started in 2005. Core strengths include welding, assembly, coating, dispensing and material cutting. From a stable of over 175 robotic variants, we have been able to successfully integrate over 3000 installations in both general production lines and specific process cells.

Area of Application
- Automotive industry
- Manufacturing plants
- Painting industry
- Welding applications
- Warehouse applications

The usage of robots includes
- Arc welding
- Spot welding
- Handling Robot
- Pick, pack and palletizing from 2kg to 800kgs load capacity
- Painting Robot
Di-soric offers a wide range of Vision/ID products for all industries. Fastest processes are reliably detected, inspected and tested.

**Proximity switch**

**Photo electric sensors**

**Laser distance sensors**

**Ring & tube sensors**

**Cylinderl sensors & reed switch**

**Fork light barriers**

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**Safety Engineering**

**Light Curtains/-grids**

**Safety Relays**

**Safety controllers**

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**Vision / ID for Industrial applications**

**Vision Sensors**

**Vision systems**

**ID systems**
**Baumer Group** is one of the worldwide leading manufacturers of sensors, encoders, measuring instruments and components for automated image-processing.

Our customers include small, highly specialized plant and machine construction companies, large industrial enterprises and group of companies operating at global level. The best in their field in Europe and throughout the world.

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**Connectors**

The **ESCHA Group**, for more than 30 years has been developing, manufacturing, and marketing qualitatively high-grade connectivity and housing technology. Our solutions are implemented in automation technology as well as in machinery and plant engineering. Moreover, we continue to extend our portfolio by new products for various application areas.
**Magpulse** offers design, manufacture, supply, installation & commissioning of wide range applications.

We serve for the following automation systems:

- 2 Axis Gantry for assembly line automation.
- Area Gantry systems for material Handling in wide range products.
- SPM machines for Leak testing and pressing applications.
- Conveyors & Assembly line handling systems.
- Fixtures for Welding & Machining.
- Design & supply of Control Panels.
**Magpulse** today is one of the providers of fully integrated solutions for developing automation systems, Assembly line & conveyors manufacturing, creating value driven projects led by state of the art technology & innovative solutions.

**Conveyors & Assembly line Automation systems:**

- Assembly line Automation
- Assembly line handling systems
- Pallet & Roller conveyor
- Roller conveyor
- Pallet & chain conveyor
- Rotary indexing tables
Magpulse offers control panel design, manufacture, supply, installation & commissioning.