

ESYSE GmbH Embedded Systems Engineering
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Dear Sir / Madam,

thank you for the opportunity to present our company.

ESYSE GmbH provides engineering services to the Embedded Systems market. Our service spectrum covers preparation of requirements and design specifications, project management, Hardware and software development. Based on our technological capabilities and know-how, we offer complete end-to-end designing, development and manufacturing solutions to customers in variety of industries and automotive.

We support our customers during the entire development process, starting with the development of system concepts, followed by the development of hard- and software and finally including the series production of hardware components and the delivery of complete data communication systems. We offer services in the following areas:

- Consulting, system design and system specification
- Embedded system solutions
- Hardware and software development
- Communication protocols (Industrial and Automotive: PROFIBUS, PROFINET, Ethernet/IP, DeviceNet, CANopen, EtherCat, MODBUS ...),
- Safety relevant hardware and software (according to IEC/EN61508) up to SIL3
- M2M (Machine-to-Machine) Client/Server solutions
- Configuration and test tools
- Production Equipment tools

Our products have proven their worth over many years, resulting in satisfied customers all over the world, from the United States and the United Kingdom through to China and Japan. ESYSE has attracted a number of major clients and turned its reliable hardware and software into trustworthy standard products that are environment-friendly, energy and cost-efficient.

We provide affordable, relevant and high-quality custom manufacturing development solutions to product manufactures. These include design and development of full automated control and test system and configuration tool featured as following:

- Manufacturing equipment Hardware / Software design and implementation,
- Graphical user interface (GUI),
- Measurement of device voltage and current consumption,
- Hardware diagnostic and self-test,
- System and protocol test,
- Firmware Loader custom or protocol specific,
- Programming manufacturer specific / OEM configuration,
- Device calibration,
- Automated functional test (Auto test).

Software and hardware development, from design to production, ESYSE GmbH has been the perfect partner for embedded hardware and software engineering since 2007.

Embedded systems are now indispensable in industry. ESYSE GmbH plans, develops, designs and programs complete product lines for industrial and automotive applications: including everything from control systems, sensor technology and robot control through to motion control. All systems are certified after development/production.

ESYSE GmbH Embedded Systems Engineering

Succeeded in designing of embedded systems with highly integrated hardware and software solutions

Conclusion

ESYSE

- Partner for embedded Hardware and Software engineering,
- plans, designs and develops products and solutions for the industrial and automotive market,
- tight internal workflow allows short delivery times and short time-to-market,
- Target markets are PLC, Drives, Encoders, Pumps, Valves, Servo Motors, IO-devices, ...
- upgrades existing but also develop new hardware and software,
- after many years of software business, expanded to own hardware products,
- typically act as a “time-limited group” in your development department while your own specialists remain disposable to promote your own projects,
- modular- Hardware and Software concept allows short development and delivery times,
- maintains strong partnerships with large, international companies,
- offers variable services aligned exactly with your requirements,
- own products benefit from 10 years practical experience,
- Many thousands of software powered devices are in use worldwide,
- service ranges from the very first project planning up to final device certification and production support; take from exactly what you actually need!
- is committed to the most common communication technologies such as PROFIBUS, PROFINET EtherNet/IP, EtherCAT,
- Many of products have been certified by ...
- helps you to save time and costs for upgrading your devices to meet latest market requirements,
- will develop your product exactly to the needs of its specific application; this will strengthen your market position.

We are looking forward to a successful future together.

From design to production - ESYSE GmbH

Best regards

Toosibashi
CEO

Meerbusch 15 October 2019