EVERYTHING FROM ONE SOURCE

All-round expertise in the field of electronics services at one location

Over 35 years of experience

in the development and implementation of industrial hardware and software solutions

MADE
IN
GERMANY

SYS TEC ELECTRONIC

sysWORXX
Assortment
- Industrial controls
- Interfaces & Gateways
- Systems on Modules
- Embedded Systems
- Fieldbuses

Development services
- Hardware development
- Software development
- Automated test systems
- Support for EMC measurements and certifications
- Training / Consulting

In-house production (prototype to series)
- SMT/THT assembly
- Mounting
- Test of printed circuit boards and assemblies
- Obsolescence management
- Logistics
- Industrialisation and series introduction

Software development
Hardware development
Optimisation
Technological support

Series production
Test set-ups

WE THINK YOUR SOLUTION...

References for development, production and life cycle management

...reliable.
Microcontroller module and software for the detection of sparks

...mobile.
Modular communication system for Railway applications

Assembly for brake systems in trains according to SIL2

...efficient.
Module for securing and monitoring of the energy supply in system-relevant sectors

...safe.
Test unit for electronic brake systems

...innovative.
Motion control for machine tools

Assembly for predictive maintenance of pumps through structure-borne noise analysis

...smart.
Electronics for controlling opaque window films

Technology that excels: A glance at our customers

Fagus GreCon   **REHAU**   **Continental**

We are there for you — contact us!
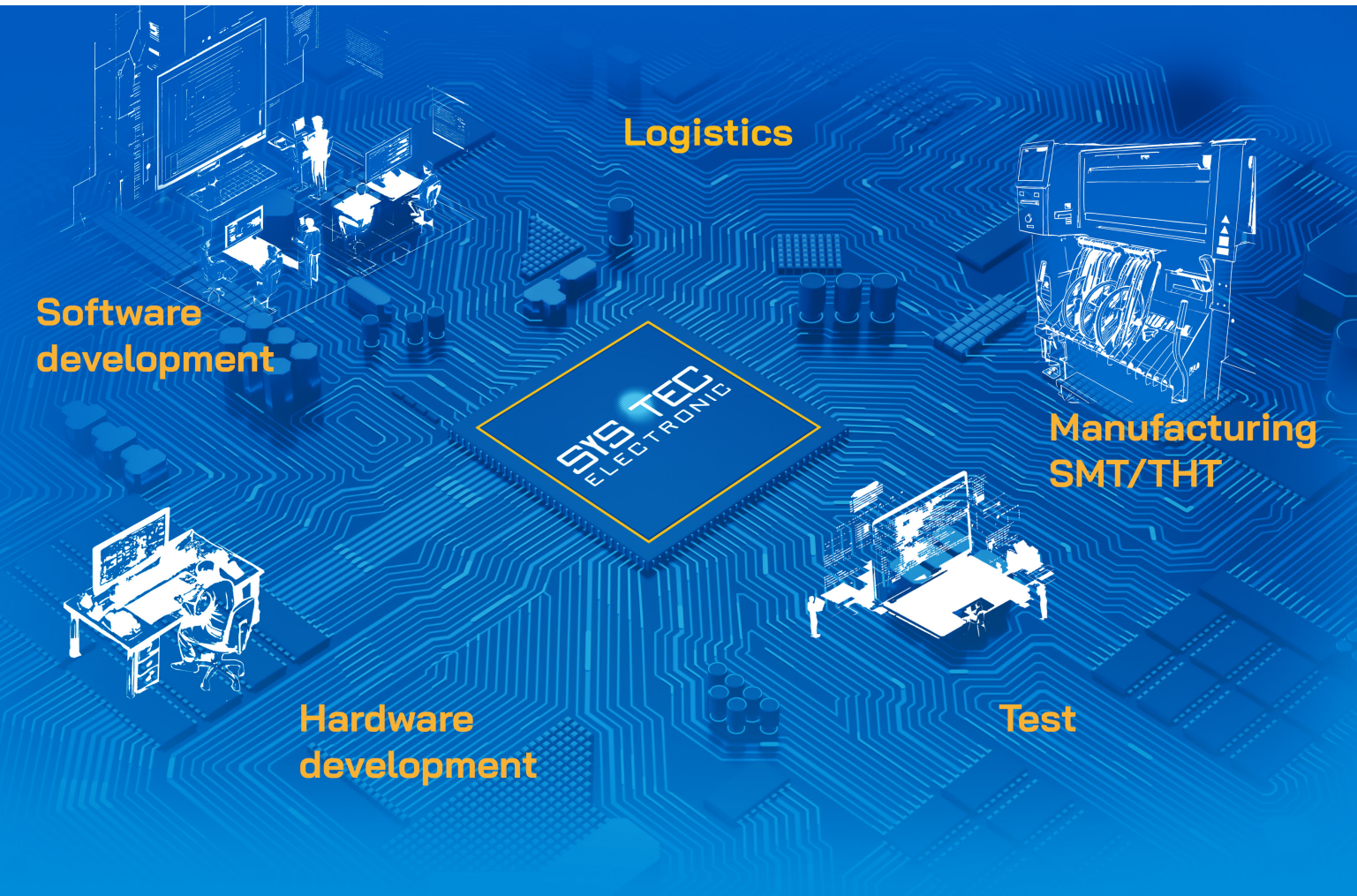Our friendly staff will be happy to help:

sales@systec-electronic.com | 03765 - 38600 - 2110
www.systec-electronic.com

SYS TEC ELECTRONIC

Logistics

Software development

Manufacturing SMT/THT

Hardware development

Test

YOUR PARTNER WITH SOLUTION EXPERTISE FOR HIGH-QUALITY ELECTRONIC PRODUCTS

Profile of SYS TEC electronic AG

From the idea to serial production

YOUR PROCESS WITH SYS TEC ELECTRONIC

From the idea through development to series production: We support you at every step of your development process

Your specific requirements

Innovative solutions
Since 1990

Our expertise

Hardware Design

- Development of specifications for system, realisation and test
- Circuit diagram design & circuit simulation
- Layout of printed circuit boards

Mechanics

- Planning and assembly of the mechanical requirements
- Housing design, visualisation and simulation (via CAD software SolidWorks)

Optimisation

- Close collaboration between developers and production department for the feedback of technological improvement potential of the design
- Continuous support and adaptation of the assemblies throughout the entire life cycle - even after series production

Your individual device

Concept

- Analysing the issues
- Requirements engineering - Capturing and tracing requirements
- Feasibility studies

Software Design

- Development of specifications for system, realisation and test
- Application development for customised devices
- Programming with C/C++, Rust, C#, Java, JavaScript, Python, Node-RED and IEC 61131-3
- Extensive fieldbus expertise: CANopen, Ethernet/IP, Powerlink, EtherCAT, Profinet, Profibus, Modbus

Prototype

- Checking the suitability for production of possible designs
- In-house prototype assembly
- EMC measurements during development in our in-house EMC laboratory
- Extensive testing and verification of the design

Series/EMS

- Component assembly and device assembly (SMT/THT)
- Various automated checks and tests of the assemblies by means of individually developed test stations
- Realisation of all tasks arising in the course of production, such as material procurement logistics and sales packaging