

Garz & Fricke has expanded its equipment's interfaces through partnership with SYS TEC

Thanks to the partnership with SYS TEC electronic, a symbiosis between the fields of automation and the control panel level has come into being.

The Garz & Fricke human machine interfaces (HMIs)¹ are immediately ready for working with the CANopen products from SYS TEC electronic².

In a first successful use case, we have already been able to prove the value of our partnership for our customers.

As a specialist in environmental simulations, Feutron Klimasimulationen GmbH³ produces powerful test chambers. Garz & Fricke HMIs were deployed for the operation of this equipment and as the interface between person and machine.

A fieldbus system is required to enable the displays to communicate with the machine controller: in this case, CANopen⁴. Therefore, knowhow in the control panel area, as well as relating to automation, is required. Feutron therefore decided upon components from Garz & Fricke and SYS TEC electronic.

With immediate effect, we have taken this as an opportunity to fulfil demanding, sophisticated customer wishes and at the same time offer our combined expertise. This also enables other companies to be able to connect the high quality Garz & Fricke HMIs to existing machines.

Links:

1. <http://www.garz-fricke.com/produkte/embedded-systems/>
2. <http://www.garz-fricke.com/garz-fricke/partner/sys-tec-electronic-gmbh/>
3. <http://www.feutron.de/de/>
4. <https://de.wikipedia.org/wiki/CANopen>

Garz & Fricke

is a medium-sized enterprise for microelectronics. We have been established in 1992 and we design and manufacture exclusively at our home base in Hamburg. Our customers are OEMs and system integrators, mainly from the automation, catering technology, mobile computing, security, medical, measurement and control, transport, aviation and naval industries which appreciate our high level of vertical integration. To us "Made in Germany" not only means a local integration of end products, but our own design and production of the entire electronics within one site - from the first idea to the final industrial serial product.

We are set up in two business areas which jointly share our resources:

Vending and telemetry

Here we are the market leader for electronics in cigarette vending machines in the German-speaking countries. Our customers are demanding manufacturers and installers of all kinds of vending machines. We deliver to them ready-to-use machine controls, payment systems, solar charging technology and telemetry solutions.

Embedded Systems

Our offering ranges from typical single components and modules to ARM-based microcomputer systems and seamlessly integrated HMI systems. We develop our complete solutions with functional and control electronics, software and enclosures either cost-effectively on base of individually adapted standard solutions or on demand from scratch.

At Graz & Fricke all technical resources including customer service are bundled in Hamburg. That is why we can always serve our customers completely from a single source from the design of the specification, prototyping, and serial production to customer service. This is how we can achieve short processing times and highest quality.

SYS TEC electronic GmbH

SYS TEC electronic GmbH is an electronics service provider specializing in customer-specific and high-quality products. Around 100 experts plan and produce individual electronic solutions for embedded systems and distributed automation at the company's headquarter in Heinsdorfergrund near Reichenbach. From the idea to the product, from the prototype to the series, the company ensures customer-oriented advice along the entire value chain. Due to the close connection of hardware and software, SYS TEC electronic guarantees a holistic view of system development.

