

Reference Story

me. Ahrendt GmbH

janztec
Industrial Computing Architects

Efficient energy management with the goQ-Controller!

The goQ-Controller is a system regulator for modern heating technology and enables integrated energy management and monitoring of HVAC systems in buildings of all types. The controller and the software are based on the needs of equipment manufacturers, facility managers and OEM customers.

The hardware basis for the goQ-CONTROLLER is the Janz Tec AG emPC-A500. The CoDeSys automation platform offers a high standard of flexibility and reliability with regard to hardware and software.

The goQ-CONTROLLER, in addition to the regulation processes based on IEC61131-3, comprises a variety of expanded system functions built upon the CoDeSys development environment. These functions enable the equipment to be highly configurable and flexible. The performance can be easily adjusted to each individual casing size using the flexible interface options. For example, in smaller buildings with up to ten closed loops, controllers like emPC-A500 can be used. In contrast, in larger buildings with a much higher number of closed loops, the same controller can be used with expanded interfaces without having to change the goQ-CONTROLLER's software.

Hasko Ahrendt, Managing director of me. Ahrendt GmbH: *"The emPC-A 500 - or better our goQ-CONTROLLER - is an ace for our technical applications. The existing connections are a perfect fit for our applications. Moreover, the system can optionally be expanded to include various special applications. CoDeSys could be obtained directly from Janz Tec AG. It was very important to us in the initial phase that hardware and software support come from one source as much as possible. This task was mastered brilliantly by the Janz Tec AG developers. Within two weeks after the decision to purchase this small embedded computer, our own software could be completely integrated and embedded. The supplier's flexibility speaks for itself - already during consultation, the idea was put forth to adjust the colour of the casing to match the goQ-CONTROLLER logo. This enables our company to have a high recognition value."*



Industrial Computing Architects

Janz Tec AG



Janz Tec AG

Janz Tec AG has been one of the leading manufacturers of electronic assemblies and complete industrial computer systems since 1982. With almost 30 years of experience in the market, the medium-sized company from Paderborn is capable of meeting individual customer requirements at any time. Its current product sectors include embedded computing, industrial PCs, industrial communication and custom design.

Janz Tec AG's employees consider themselves to be "industrial computing architects" - they conceive, develop and produce components and systems based on standards which are adapted to individual customer requirements. Every industrial computer, every control system and every slot card can be designed in accordance with the technological application and the specific requirements. In this context, long-term availability and the highest-possible quality are in the foreground - always at an optimum price to performance ratio.

Well-known companies from the mechanical and facility engineering, medical technology, transport & traffic, automotive and power & energy sectors trust in the expertise, reliability and many years of experience provided by Janz Tec AG. Our financial strength means that we are a reliable and long-term business partner for all our customers. As a company in the Janz Group, which works from eight locations within Germany, Janz Tec AG is committed to providing the highest-possible quality. This can be seen both from our certification in accordance with EN ISO 9001:2008 and from our consistent further training for all our highly-qualified employees. In addition to this, Janz Tec AG also participates in various organisations so that it always has its finger on the pulse of the times with regard to economy and technology.

Contact

PADERBORN
Im Doerener Feld 8, 33100 Paderborn
Phone: +49.5251.1550.100

SALES REGION NORTH
Dirk Grunze
Friesenstraße 13a, 20097 Hamburg
Phone: +49.40.851717.0

SALES REGION EAST
Daniel Sutter
Prüssingstraße 35 07745 Jena
Phone: +49.3641.287.0

SALES REGION WEST
Ulrich Lütke Entrup
Im Doerener Feld 8, 33100 Paderborn
Phone: +49.5251.1550.0

SALES REGION SOUTH / SWITZERLAND
Joachim Nakat
Fliederweg 4, 55291 Saulheim
Phone: +49.6732.964458

Sales Region BAVARIA / AUSTRIA
Jochen Nellis
Auwaldring 20, 85241 Hebertshausen
Phone: +49.8131.1887432

