

Press release

Heinsdorfergrund

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SYS TEC electronic develops controller for condition monitoring and predictive maintenance with gateway functionality, which speaks the language of the employees.

After the launch of the compact sysWORXX CTR-100 controller (formerly IoT Chip SE), a second control is already in process of being launched: the sysWORXX CTR-700. The special feature in addition to the Mesh net functionalities, are the numerous programming languages, which are designed to enable the employees to program the controller.

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In future industrial communication will depend on functionalities such as condition monitoring and predictive maintenance. It ensures process optimization through data acquisition and afterwards cost optimization through process optimization.

The new control system of SYS TEC electronic is developed among others for these applications. Under the brand sysWORXX it is managed as sysWORXX CTR-700. The higher number 700 (compared to the CTR-100) represents a larger and more functional control.

In addition to numerous interfaces, such as industrial inputs and outputs, TCP / IP, MQTT, Modbus, CANopen, USB and μ SD, the controller contains two Ethernet interfaces. This ensures the separation of Enterprise IT and Shop Floor OT.

The special feature of the sysWORXX CTR-700 is the software. It can be programmed via IEC 61131-3 as well as in various IoT languages (C#/.Net, Node-RED, Java, Python). Thus it is not necessary to require an expensive external service. The controller speaks the language of the employees.

SYS TEC electronic is an electronics service provider for high-quality and customer-specific solutions in Saxony. In-house development and production enable individual hardware and software concepts from design to prototype construction to serial production. Various industries – from industrial communication to automation, to embedded systems – are served.

Words: 270

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