PRESS RELEASE

From an unconfigured device to a running application: AI assistant siineos® ai sets up in.hub devices via chat

Connect sensors and data sources, combine signals, set up analyses, alarms and dashboards, and troubleshoot faults. In operation, the device runs without AI or cloud services.

Chemnitz/Nuremberg, 24 November 2026 – At SPS 2026, in.hub introduced siineos® ai, an AI assistant that simplifies setting up in.hub devices to collect machine data. Users describe in the chat what information they want to collect from their machine. siineos® ai checks whether existing sensors can be connected, recommends a suitable in.hub device and creates the configuration. The assistant helps set up analyses and alarms and troubleshoot faults. Anyone interested can try siineos® ai free of charge in Early Access from 14 December 2026 to 31 March 2027.

From a measurement goal to a ready-to-use configuration

People who want to use data from a machine usually know exactly what they want to find out: When is the machine idle? How much energy does it use? Is a particular condition changing? Getting from that question to a usable reading often takes considerable effort. Sensors must be selected and set up, signals mapped, thresholds defined and the resulting data presented in a meaningful way. Small and medium-sized businesses often lack the time or specialist knowledge for this.

Turning the task into a complete configuration

Users describe their task and list the sensors they already have. siineos® ai checks which sensors can be connected and recommends a suitable in.hub device. The assistant then creates the configuration. Users can start planning before they have an in.hub device.

During setup, siineos® ai takes into account the interfaces supported by the in.hub device. With IO-Link, for example, the assistant can identify the required device description. It can also use information from data sheets to build the configuration.

In addition to helping set up individual sensors, siineos® ai lets users describe in the chat how they want their signals to be combined, analysed and visualised.

Given an instruction such as “The machine is running when the current exceeds 5 amps and the guard door is closed,” the assistant can build the corresponding logic, prepare an alarm or lay the groundwork for a dashboard. Users can also review existing configurations. siineos® ai can help troubleshoot faults, explain how settings interact and suggest corrections or improvements.

A maintenance technician wants to record a machine’s runtime and downtime. The technician lists the existing sensors and describes which signals indicate that the machine is running. siineos® ai recommends a suitable in.hub device, creates the configuration and combines the signals to analyse runtime and downtime. The technician can download the finished configuration and transfer it to the device.

The task comes before the protocol

“With siineos® ai, we want to make it much easier to get started. Users can begin without knowing which protocol, register address or device setting they need. They start with the task at hand and the assistant guides them through setup,” says Christian Groß, co-founder and Managing Director, Marketing & Sales at in.hub.

Users can see exactly what the assistant has set up because siineos® ai generates a standard siineos® configuration. They can view the settings and change them if needed. Once setup is complete, the device continues to operate locally at the machine. Day-to-day operation requires no AI assistance, and siineos® ai does not access the readings collected during operation.

AI assistance with no cloud requirement during operation

“We wanted customers to benefit from AI assistance while keeping control of their machine data during day-to-day operation. siineos® ai helps with setup. The readings themselves stay on the device,” says Marco Neubert, co-founder and Managing Director at in.hub.

In the accompanying press materials, in.hub provides more information on how configurations are processed and how the AI service is used.

Live at SPS

At SPS, in.hub uses an IO-Link application to show how siineos® ai helps users go from setting up a sensor to getting usable analysis results.

Visitors can try the assistant for themselves at the stand and enter questions of their own.

in.hub at SPS 2026
24–26 November 2026 · Nuremberg · Hall 4A · Stand 301

About in.hub

Based in Chemnitz, in.hub GmbH develops retrofit hardware and software solutions that make it easy to digitise machines and processes. in.hub stands for “keep it simple. make it happen. plug & play.” Its modular hardware and the local siineos® operating system allow users to collect and analyse machine and process data and put it to use in applications such as condition monitoring, energy monitoring, remote access and other digital services. Day-to-day operation requires no additional server or cloud infrastructure. For more information, visit www.inhub.de

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