

## Micro Switches with MQTT for automation in smart buildings

**Hamm, 10.12.2020 - MICROSENS is enhancing its Smart Building products and solutions with MQTT. This enables the FTTO switches to take over even more building automation tasks than before. All other MICROSENS devices of the G6 product range will also receive this free firmware update to make MQTT functions available.**

The standardized, open network protocol MQTT (Message Queuing Telemetry Transport) has long proven itself in automation systems. Due to its simple handling of all components from sensors to tablets and PCs, it is increasingly establishing itself in building automation. With MQTT the Micro Switches from MICROSENS can take over even more building control tasks than before. The firmware of the switch contains an MQTT broker, which acts as a central server and manages the communication with basic components like sensors and actuators.

In its role as MQTT client, the switch can exchange its own data with field devices. Using the integrated MicroScript script language, the data can be processed directly on the switch and then transferred to a building management system, for example.

Since the MQTT broker and client functions are available in parallel, the direct implementation of intelligent control functions is possible without additional devices.

"Firmware updates at MICROSENS not only provide technical improvements but also new, additional functions in order to offer the user maximum benefit", says Dominik Zühlke, Technical Consultant Smart Building Solutions at MICROSENS GmbH & Co. KG in Hamm. "This applies to corporate customers with large IT networks as well as to small networks with only one or two micro switches.

### **MQTT also for older devices**

Via a free firmware update older MICROSENS devices of the G6 product range now also offer MQTT functions including a broker.

"Of course we are thinking of the users who have been operating MICROSENS devices for years", Zühlke continues. "Devices from MICROSENS are characterized by high reliability and a long service life. It is therefore a matter of course for us that users of older hardware also benefit from new, additional functions".

During the firmware update, existing settings and configurations of the devices are automatically adopted, the Micro Switches continue to operate with their previous settings after the update. Neither manual intervention nor reconfiguration or new configuration is necessary.

Further information can be found on the website [www.microsens.com](http://www.microsens.com).

## PRESS RELEASE

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## **About MICROSENS**

Transmitting information via fiber optic connections offers numerous benefits. MICROSENS GmbH & Co. KG recognised this very early on. As one of the pioneers, the company has developed and produced high-performance communications and transmission systems in Germany since 1993. Individually matched to the demands of diverse usage areas and embedded in comprehensive concepts for individual sectors. But, above all, close to the customer. Technical challenges from customer projects are incorporated directly into product development. This way, IP-based automation solutions are created for modern buildings, cost-efficient network concepts for the office and workspace, robust and fail-safe solutions for industrial environments, optical transport systems future-oriented wide area networks and efficient coupling of sites and computer centres.