

Cloud Connectivity

Make Your Way to the Cloud



CLOUD CONNECTIVITY VIA MQTT

Standard in Every Member of the PFC Controller Family



Decentralized data acquisition
from the field to the cloud



Optimize operations via
centralized data analysis

Record, digitalize and link data profitably – this is the core concept behind Industry 4.0. A simple upgrade transforms the WAGO PFC100 and PFC200 Controllers into IoT controllers that transmit data from the field level to the cloud, where they can be aggregated and used for analysis. This creates true added value for your company – be it for increasing the efficiency of in-house production, implementing energy management in buildings, or further developing end customer services. Existing systems also become IoT-ready, making them sustainable and ready for the future. WAGO's PFC controller generation therefore forms the basis for a sustainable corporate world.

Profiting from Flexibility

A firmware extension and an IEC application with the corresponding library allow the PFC100 and PFC200 to be quickly IoT-ready. After that, status information such as Run/Stop, connection status, device information, and variables defined in the IEC program can be sent to a cloud and visualized. The customer can decide whether the

controller sends data to Microsoft Azure, Amazon Web Services, or IBM Bluemix. Links to third-party solutions will also be feasible, thanks to the standardized MQTT protocol. The data is transmitted as JSON files and the link encrypted with TLS.

Upgrades Made Easy

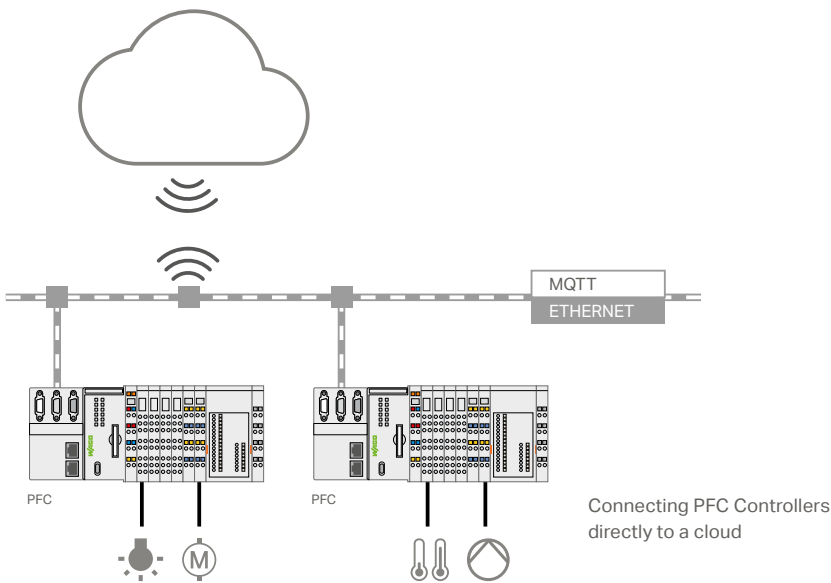
The user can easily run an upgrade in the Web browser using WAGO's Web-Based Management (WBM) system. Libraries for CODESYS 2.3 and e!COCKPIT are also included in the scope of supply. The cloud connection data is also configured using WBM. Variables that are to be transferred to the cloud can be defined in the IEC program – the programmer is always in control.



Visualization
from anywhere



High level of security
thanks to TLS encryption



Starting May 2017, you can request the beta version of the software at no charge here:

wago.com/cloud-connectivity

For technical questions, please contact:

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