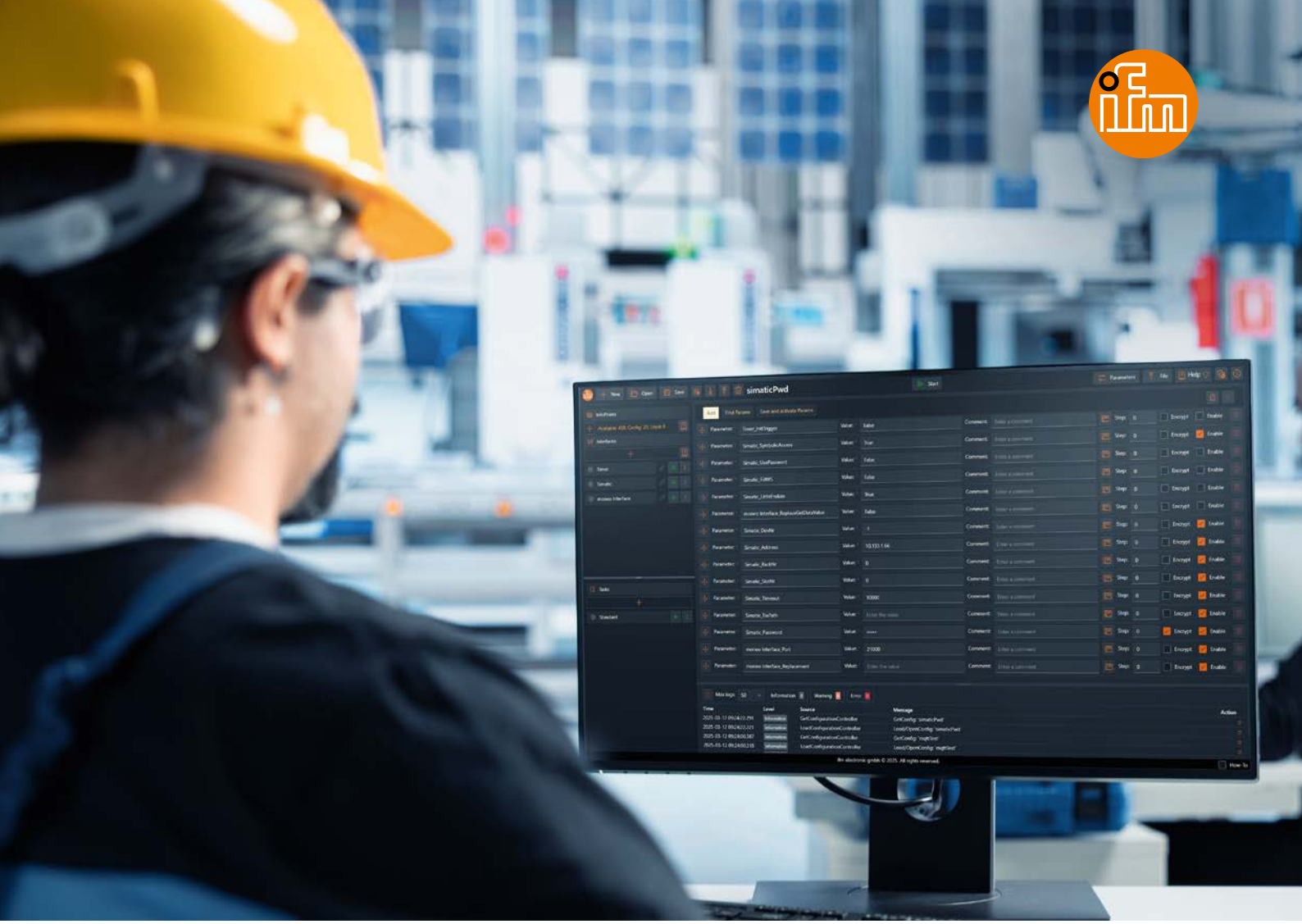
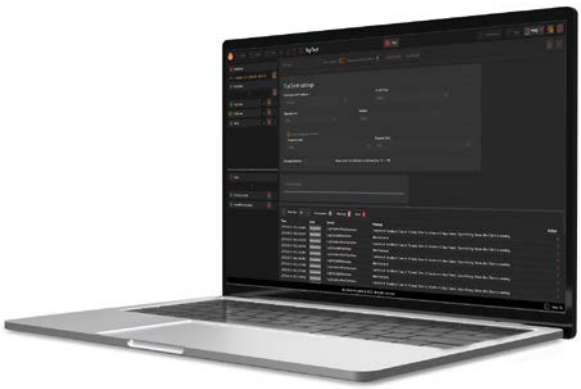


ifm Agent software

Seamless connectivity between machine and software

- Efficient communication between machines and software environments via multiple interfaces
- Easy installation and intuitive operation – suitable even for non-experts
- Seamless integration into both existing and new systems (brownfield and greenfield)



ifm – close to you!

Versatile interface software for Industry 4.0

The ifm Agent is a powerful interface software enabling straightforward and reliable communication between machines and software solutions. Supporting a wide range of interfaces, including Simatic S7, Modbus TCP, OPC UA and MQTT, the ifm Agent offers maximum flexibility. MQTT connectivity, for instance, also allows data transfers to external cloud systems. Whether production data need to be transferred to software solutions or information fed back to machine controllers, the ifm Agent covers a broad spectrum of application scenarios.

Thanks to its intuitive user interface, the ifm Agent is also suitable for users without high-level IT skills. This means that internal system integrators and users alike can benefit from simple operation and immediate readiness for use.

Future-proof and versatile integration

Continuous updates ensure that the ifm Agent always remains current. New interfaces allow it to meet future requirements as well.

It is suitable both for greenfield projects and retrofitting in existing systems. Thanks to bidirectional communication, it enables data exchange with moneo as well as with other destinations such as databases and MES systems[1)].

The ifm Agent offers flexible deployment options: It can be installed directly on Windows or Linux systems, or operated via an appliance. Regardless of the chosen set-up, the agent can be incorporated into the moneo IIoT platform where it seamlessly integrates with the moneo structure and is included in the licence management.

Experience how simple industrial communication can be with the ifm Agent.

[1)] For connection to MES systems, moneo credits may be required.

Description	Order no.
ifm Agent	**QLA010**

Available interfaces

Communication interfaces:

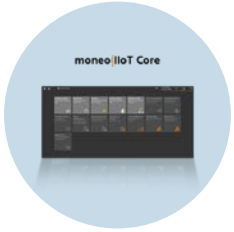
ifm IO-Link masters; AMQP Client; File; FTP; HTTP; Modbus TCP; moneo; MQTT Client; MQTT Broker; OPC UA Client; Simatic S7; TCP Client; TCP Server; VSE

Functional interfaces:

Initialize; IODD Parser; Timer

And that is just the beginning!
Development of additional interfaces is already underway.

BEST FRIENDS



moneo|IIoT Core
IIoT software for simple condition monitoring

edgeGateway
For secure transmission of system data to the IT level

edgeGateway field applications
Secure data transmission from harsh industrial environments

For further technical details, please visit: ifm.com/fs/QLA010

We reserve the right to make technical alterations without prior notice. · 09.2025
ifm electronic gmbh · Friedrichstr. 1 · 45128 Essen