



## Telecontrol

# IEC 60870-5-101 / 104

## PROCON-Connect for Energy Infrastructure

IEC 60870-5 is recognised as an established standard for communication in decentralised energy and infrastructure environments. It is used in many industries, including distributed energy infrastructure, photovoltaic, wind power and hydrogen plants, battery storage systems, and SCADA applications. Thanks to the addition of IEC 60870-5, PROCON-Connect offers numerous application possibilities in the context of grid expansion and decentralised infrastructure.

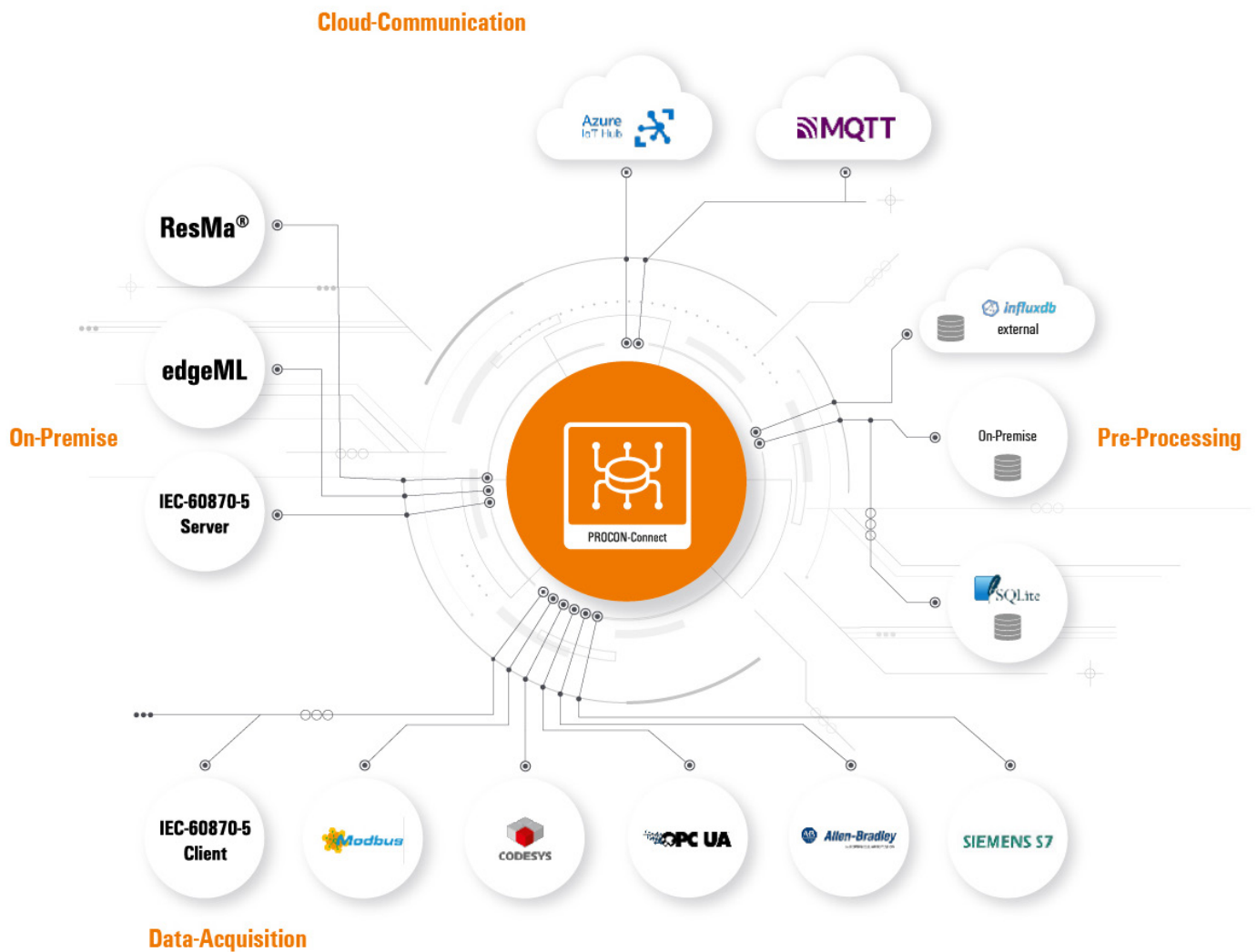
Both serial communication (IEC 101) and TCP/IP communication (IEC 104) are supported. PROCON-Connect can act as a client to retrieve data from IEC 60870-5 servers and also function as an IEC 60870 server itself.

### Your benefits at a glance

- Easy integration into network and control centre environments
- High operational reliability for critical infrastructure
- Optimised for telecontrol and energy applications
- Compatible with u-OS, Linux and Windows via PROCON-Connect



For further information, please visit our website:  
[www.weidmueller-gti-software.com/procon-connect](http://www.weidmueller-gti-software.com/procon-connect)



## PROCON-Connect

No programming knowledge is required to use PROCON-Connect. Configuration is carried out via a web interface in your browser, so no separate engineering tool is needed. The software allows machine data from various controllers, energy meters and, for example, OPC UA servers to be collected, pre-processed locally and communicated to other applications. This enables the machine and energy data to be utilised in Weidmüller solutions such as ResMa® and easyConnect, or sent directly to other cloud solutions via MQTT.



### Energy infrastructure

Energy suppliers, network operators, solar and wind farms, energy storage facilities, pipeline networks, conveyor systems, tank farms and energy-intensive production sites use IEC 60870-5 for the secure transmission of measurement values, status data and control commands.



### Water & Wastewater Management

Pumping stations, reservoirs, lifting systems and waterworks use IEC 60870-5 for status data, pump control, limit value signals and level monitoring.



### Energy generation

Gas, coal, biomass and modern hybrid power stations use IEC 60870-5 to ensure the secure connection of switchgear, control units and power output to the grid operator.