

# mLog

# Process Data Acquisition and Visualization Software



- On-line process data presentation from one or more measuring devices (table, single values, chart, bar graph)
- Data recording into the database
- Presentation of archived data in form of tables and charts
- Export archived data to the \*.csv format
- Modbus TCP and Modbus RTU protocols
- Available languages: EN, ES, FR, PL

Software mLog enable reading, visualization and archiving data from devices and transducers with RS485 port (Modbus RTU protocol) or Ethernet port (Modbus TCP protocol).

Data are archived in the database (Firebird 2.5 via the mLog Server program), from where they can be read and visualized (the mLog View program) in the form of graphs and tables, as well as printed and exported to \*.csv format. The current results are displayed and visualized in the mLog Client program.

Easy configuration of the basic application (mLog Server, mLog Client and mLog View operating on the same computer), does not require additional programming skills.

#### VISUALIZATION AND ARCHIVING DATA

The mLog software consists of three modules: mLog Server, mLog Client and mLog View. The software allows access to data from many computers (for many operators).

# • mLog Server:

reading data from devices and transducers in Modbus RTU/TCP protocol, data recording into the database (Firebird 2.5), information about the status of communication

# • mLog Client:

on-line visualization of process values (table, single values, chart, bar graph, possibility of adding additional own graphic)

#### • mLog View:

reading archived data from the database (from the date to the date), visualization (table, chart), export the table to the \*.csv format, export the chart to the \*.bmp, \*.jpg, \*.pdf or \*.html format

### MODBUS RTU/MODBUS TCP

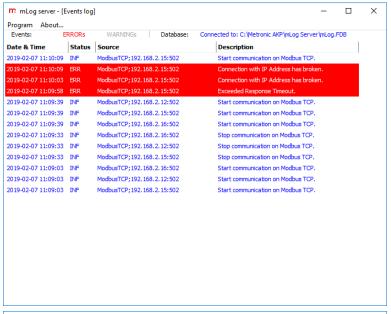
- Functions: 04 Read Input Registers, 03 Read Holding Registers
- Data formats: unsigned integer 16b, signed integer 16b, unsigned integer 32b, unsigned integer 32b swapped, signed integer 32b, signed integer 32b swapped, floating point 32b, floating point 32b swapped, signed integer 64b, floating point 64b
- Baud rate: 1.2, 2.4, 4.8, 9.6, 19.2, 38.4, 57.6, 115.2 kbps (Modbus RTU)
- Parity: None + 1 bit stop, None + 2 bit stop, Even, Odd (Modbus RTU)

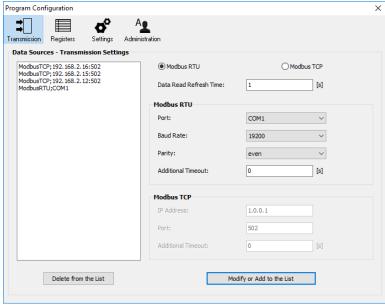
#### SOFTWARE ACTIVATION

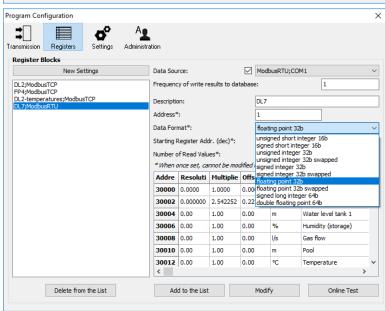
The software requires activation (registration). After purchasing, programs are available:

mLog Server	mLog Client	mLog View
Single user	No limit of users	No limit of users

# APPLICATION WINDOW mLog Server



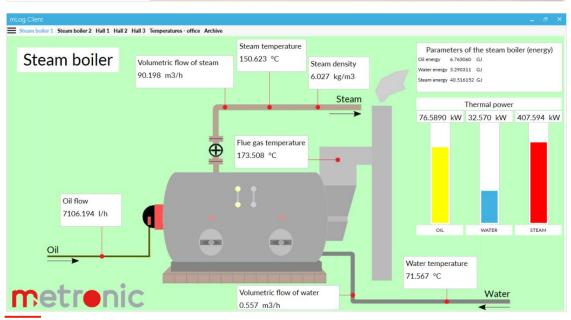




# APPLICATION WINDOW mLog Client

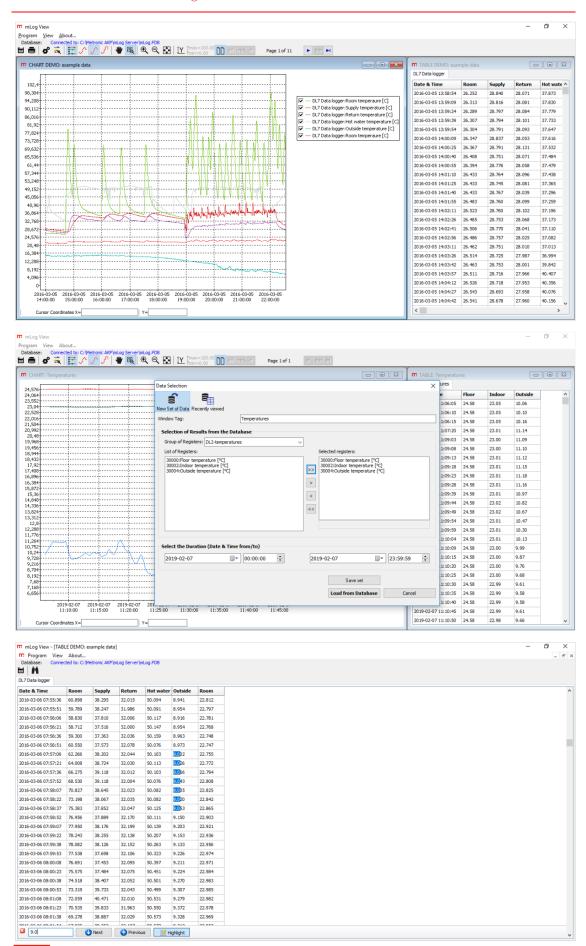








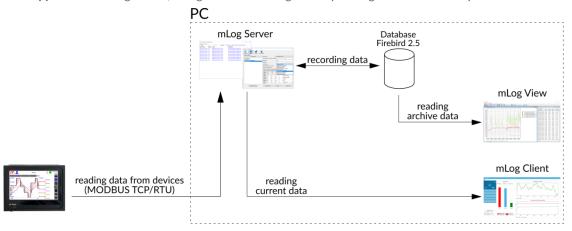
# APPLICATION WINDOW mLog View



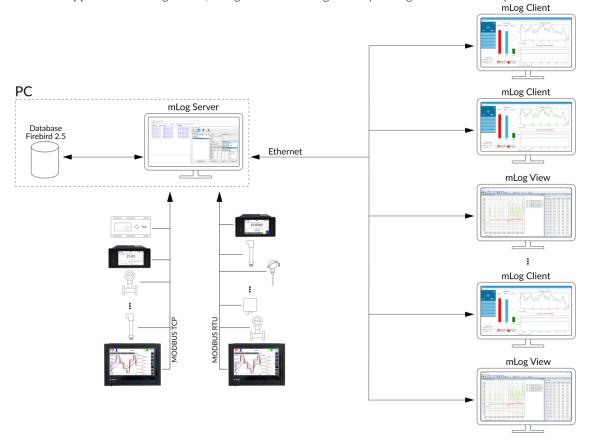


# APPLICATION EXAMPLE

Basic application - mLog Server, mLog Client and mLog View operating on the same computer.



**Extended application** – mLog Server, mLog Client and mLog View operating on different computers.



# **TECHNICAL SPECIFICATIONS**

System requirements		
Operating system	Windows 8 or later	
Processor	min. 1 GHz	
RAM	Compliant with operating system requirements	
Hard disk	>80 MB of free disc space <sup>(1)</sup>	

<sup>(1)</sup>Does not include space needed for database file. When using the program, depending on the intensity and number of results read, the need for free disc space may increase in connection with increasing size of the database file.

Data sheet version: 190208EN Software version: 3.0.0.0