# Handling-Short Instruction for

# MESSI NG 2G / 3G   V1.0



The Messi is a fault-messenger which sents its fault-messages via the GSM-network. As a result, it is not affected by german telekom´s switch to the digital telephone-network.

**Power Supply MESSI**
Connect the following voltage to input terminals 41 and 42:
Terminal 41:            +12V DC up to +24V DC
Terminal 42:            0V
Terminal 43:            can be used as replacement-supply with accu-pack . Read more in the device-manual.

*Software drivers do not need to be installed.*

**Configuration of MESSI**
All data and parameters which are necessary for the operation of MESSI NG are entered via the web-interface. Please use Mozilla Firefox browser to configure the web-server.

Microsoft Internet-Explorer is not suitable for this configuration.

*Preparation*
Connect the MESSI NG to your PC or to your existing network with a network-cable. If the control-lamps on the network-socket do not light up, you have to use a crossover-network-cable.
The IP-address of MESSI NG is shown in the display. If necessary, change the IP-settings of your PC so that it is in the same subnet as MESSI NG.

If MESSI NG has the IP address:
192.168.1.200 (factory-settings),
please set up your PC, for example to 192.168.1.3.

You can open the web-interface of MESSI NG with http://192.168.1.200. The web-interface transfers only the absolutely needed data, so a smooth processing of programming is possible. After entries on the configuration-pages, please use the save-button to store this settings. Please don´t use the back- and forward buttons of the browser.
The browser must allow the processing of javascript.

**Country-specific settings for the cellular network**

Due to the technical development of the cellular network, some existing cellular standards will no longer be available.
Unfortunately, the dismantling is carried out according to different guidelines in the individual countries.
The 2G network has not been available in Switzerland since 2020.
The 3G networks in Germany will be switched off in the course of 2021.

Depending on where the MESSI NG 3G is used, this requires differentiated settings.

These are to be set in the "General Settings" (see also chapter "4.3.1 General Settings" in the manual) under "Network Type".


For use in Switzerland:

Here the MESSI NG 3G must be set to the 3G network:
**Network Type:       3G**

For use in Germany:

Here the MESSI NG 3G must be set to the 2G network:
**Network Type:       2G**


Under the web-address https://www.process-informatik.de are product specific
documentations or software-driver/-tools available to download.
If you have questions or suggestions about the product, please don't hesitate to contact us.

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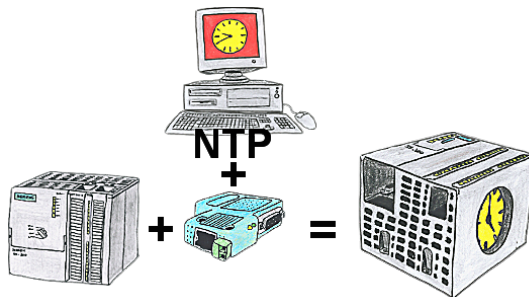  + Hardware
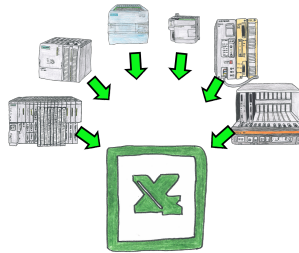    + Error messaging
      + MESSI NG 2G

Please make sure to update your drivers before using our products.

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Actual time for the PLC?

You need in your PLC a actual time? No problem, with the NTP-function the S7-LAN-module get from a NTP-(Time-)Server the actual time and transfers it direct into the configured PLC or for processing in a DB.

## Actual data of S5/S7-PLC in Excel-file



**Vorlage + aktuelle SPS-Daten => Excel-Datei**
**Template + actual PLC-data => Excel-file**

Logging of workflows, recording of operating states, archiving of process data, all of these requirements can be handled with "PLC data in Excel".

You create a template-file in Excel, enter special keywords as placeholders for PLC-data such as flags, timers, counters, I/O and the connection-parameters and save the file as a template for the tool. The tool runs on a Windows compatible PC and polls the defined controller. As soon as the trigger event occurs, the configured PLC-data is read out and entered in the template file instead of the placeholder and saved under a specified file-name in the specified directory.

It is also possible to communicate with controllers without a network-interface via S7-LAN (with S7-200/300/400) or S5-LAN++ (with S5-90U to 155U).

A corresponding Excel-file for each trigger event.

## Standardised time
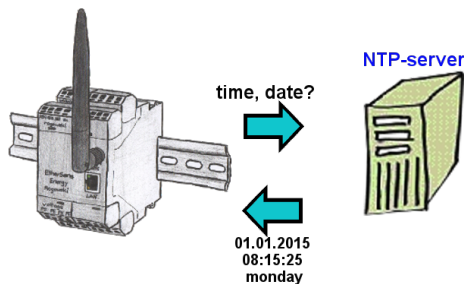


Should all EtherSens devices record time-synchronized in your equipment? By coupling with an NTP-time-server, all devices pick up the current time and adjust this.