

What's new in firmware version 2.0.1 (v2.0.1)

This document outlines the new and updated features in firmware v2.0.1 for the PowerLogic™ PM5500 series meters.

Visit www.schneider-electric.com to download:

- the firmware upgrade files.
- the latest version of ION Setup to support the new features.
- the latest user manual, datasheets and installation sheets.

New method for firmware upgrades

There is a new method for upgrading the firmware on your meter and its Ethernet communications system. The new method simply uses FTP to copy files from your computer to the meter's FTP server. The FTP server is accessed using the same login credentials as the meter webpages.

NOTE: This method replaces upgrading using DLF3000 software. After you upgrade your meter to 2.0.1 using the FTP method, you can no longer use DLF to perform meter upgrades.

Ethernet gateway functionality

With minimal configuration, the meter can act as an Ethernet gateway. This means that a Modbus master device can communicate using Ethernet through the meter to serial devices connected to the meter's serial port.

A Modbus TCP request is sent over the Ethernet to the gateway meter. The gateway meter uses Modbus RTU to forward the request to the downstream device addressed in the packet. When the downstream device responds, the gateway meter forwards the response back to the master.

Related topics

- See the Communications section of the PM5500 series user manual for more information.

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Simple Network Management Protocol (SNMP) support

The meter can now communicate using SNMP, including SNMP traps. The meter comes preconfigured to communicate a wide range of power measurement parameters via SNMP after you enable SNMP on the meter and load the meter's MIB file into your network management station.

Related topics

- See the Communications section of the PM5500 series user manual for more information on using SNMP with the meter.
- Visit www.schneider-electric.com to download the meter's MIB file.

TCP/IP filtering

The meter now has Modbus TCP/IP filtering. This feature lets you specify the Modbus rights for up to 10 unique IP addresses, plus the Modbus access rights for anonymous IP addresses.

Related topics

- See the Communications section of the PM5500 series user manual for more information.

Updated PM5563 with optional remote display

The PM5563 DIN-mount meter has been updated to support an optional remote display.

Using the remote display provides the PM5563 with the same viewing and configuration functionality as meter models with an integrated display, allowing you to view data from and configure the PM5563 from a more accessible location.

NOTE: **You can only use the remote display with PM5563 meters that have the dedicated RJ-25 connection.

Related topics

- See the Display and meter setup section of the PM5500 series user manual for information on using the display
- See the PowerLogic PM5RD remote display installation sheet for more information.

Email on alarm

The meter can now send an email or email-to-text message to up to three addresses when alarm conditions are detected. You can configure which alarm types and priorities trigger a message.

The message contains information about the alarm and the meter that triggered the alarm.

Related topics

- See the Alarms section of the PM5500 series user manual for information on the email on alarm feature.

SNTP time synchronization

You can now synchronize the time on the meter using signals from SNTP servers.

Related topics

See the Meter webpages section of the PM5500 series user manual for more information on configuring SNTP time synchronization on the meter.

Redesigned and updated webpages

The meter's default webpages are updated to include more options to configure the meter, including many of the new features.

Related topics

- See the Meter webpages section of the PM5500 series user manual for more information.