

What's New in Powerlink G4 Controller firmware version 1.08

This document outlines the new and updated features in firmware version 1.08 (V1.08) for the Powerlink G4 controller.

Additional information and resources

Visit www.schneider-electric.com to download firmware upgrade files and related resources.

BACnet improvements

- The BACnet protocol revision was upgraded from 6 to 16.
- Prior to v1.08, the G4 controller's internal control values were written to BACnet priority arrays at priority 10. In v1.08 and later, these values are written to priority 16.

The priority array update may require building automation system reconfiguration after upgrading the controller.

WARNING

RISK OF PERSONAL INJURY

Ensure any necessary building automation system reconfiguration is completed before putting an updated G4 controller back into service.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

Network port enable/disable

You can now disable unused network ports in the G4 controller for enhanced cyber security. Port management is available per protocol for UDP, FTP and HTTP (web server).

Note that disabling UDP also disables all BACnet communications.

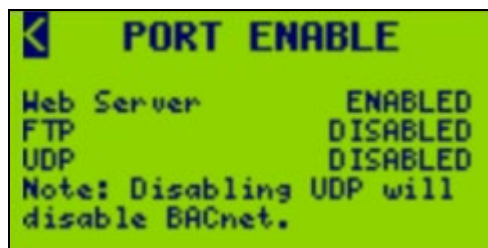
⚠ WARNING

RISK OF PERSONAL INJURY

Ensure disabling of UDP will not cause unexpected breaker behavior.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

Use the new Port Enable display screen to enable and disable ports.



Navigate to SETUP > COMMS > ETHERNET COMMS > PORT ENABLE.

NOTE: Changing the network port status (enabled/disabled) causes the device to reset.

Resolved issues

The following issues were resolved:

- Certain BACnet requests caused the G4 controller to reboot or render the display non-responsive.
- Status outputs generated sporadic output, given certain input conditions. For example, if a terminal was connected to a pushbutton input with pilot light (Status Output), the pilot light appeared to be blinking.