

# PowerLogic™ ION9000 series firmware version 3.1.0

## Summary

PowerLogic™ ION9000 series firmware version 3.1.0 (V003.001.000) contains a number of new features and changes that are designed to expand the functionality of your meter.

We recommend that you upgrade your firmware to this version.

This document lists the new functionality in firmware version 3.1.0, as well as how to obtain additional information and resources.

## Prerequisites

- ION Setup 3.2.21279.01 or higher. To check your version of ION Setup, in ION Setup click **Help > Check for Updates**.

Go to [https://www.se.com/en/download/document/ION\\_Setup\\_Latest\\_Release/](https://www.se.com/en/download/document/ION_Setup_Latest_Release/) to get the latest version of ION Setup.

## New functionality

This section lists the new functionality that is added to your meter after you upgrade to 3.1.0.

### 4-wire RS-485 Option Module

The 4-wire RS-485 Option Module adds support for 4-wire RS-485 serial communications.

For 4-wire RS-485 Option Module installation instructions, refer to the Installation Guide (NNZ39768) on [www.se.com](http://www.se.com).

### Fiber Ethernet Option Module

The Fiber Ethernet Option Module adds support for Fiber Optic Ethernet communications.

For Fiber Ethernet Option Module installation instructions, refer to the Installation Guide (NNZ650011) on [www.se.com](http://www.se.com).

## Framework update

A Power Up Alarm was added to the meter framework for WELMEC compliance. This new default alarm produces a medium priority alarm on the meter display to indicate that a meter power cycle occurred.

## Nameplate screen update

The meter nameplate screens were updated to display more meter information and to standardize the nameplate screens across the PowerLogic™ metering platform.

## Downgrading from 3.1.0

Although not recommended, you can downgrade from 3.1.0 to version 3.0.x. Doing so will remove all 3.1.0 functionality.

**NOTE:** You cannot downgrade firmware version 3.x to firmware version 2.x.

## Additional information and resources

Visit [www.se.com](http://www.se.com) to download:

- The firmware upgrade files.
- The latest framework and webpage files.
- The latest user manual, technical datasheets, and installation guides.