

ION Setup Version 3.2

About this document

This document is intended for Application Engineers, System Integrators, or other qualified personnel who are responsible for installing, configuring, maintaining, and using this software.

Location for downloading installer

https://www.se.com/ww/en/download/document/ION_Setup_Latest_Release

System Compatibility

This software is compatible with the following operating systems:

- Windows 7.0 SP1 or later
- Windows Server 2008 (SP2/R2 SP1) or later
- DotNet 4.7 framework or later is highly recommended

System Impact

This software should be only installed by users with Administrator privileges. A system reboot is usually not required.

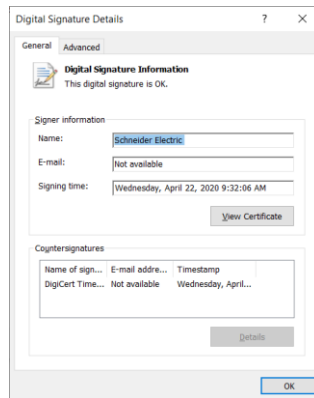
File Integrity

Verifying the installer file integrity helps identify unexpected changes in the file caused by download issues or by tampering with the file.

NOTE: Do not use an installation file for which the integrity cannot be verified. In that case, download the installer again and check its integrity. Repeat this process until you have a correctly downloaded the file with confirmed integrity.

To verify the file integrity:

1. Download the ION Setup installer file.
2. Right-click the file and select **Properties**. A Properties dialog box opens.
3. In the Properties dialog, select the **Digital Signatures** tab.
4. In the Signature list, highlight the Name of signer. Click **Details**.
5. Verify that the digital signature is OK, and that the signer name shows **Schneider Electric**.



6. Click OK to close the Properties dialog box.

INSTALL INSTRUCTIONS

WARNING

UNINTENDED EQUIPMENT OPERATION

- Before installing the software, verify that the system is not performing critical control actions that may affect human or equipment safety.
- Verify correct system operation after the installation.

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

WARNING

INACCURATE DATA RESULTS

- Before installing the software, verify that the system data results are not used for critical decision making that may affect human or equipment safety.
- Verify correct system data results after the update.

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

To install ION Setup:

NOTE: Computers with older versions of ION Setup (pre-V3.2) should be uninstalled prior to installing this version.

1. Log into the computer using Administrator privileges.
2. Right click the ION Setup file and select Run as Administrator.
3. Follow the steps in the installer to install ION Setup.
4. Verify that ION Setup operates correctly for authorized user accounts.

LATEST RELEASE NOTES

Release Date: February 7, 2024

Version: 3.2.24038.XX

Added functionality

- Added support for new in-development ION models
- Added ability to use control panel numeric data entry formats
- Added command line option to support resetting of Com1 settings for certain transducer ION models
- ADD Preset Energy Functionality in to PM55xx Series Latest Versions.
- ADD IP Settings HTTPS Disable Option for PM55xx Series Latest Versions.
- ADD new functionality as Parameter digital Output Width to Energy Pulsing Screen PM55xx Series Latest Versions.
- ADD new functionality as Parameter DHCP Acquisition to IP Setting Screen PM55xx Series Latest Versions.
- ADD New Device Type Variants PM5570L v6.0.12, PM5660L v6.0.12 and PM5760 V6.0.2

Fixed items

- Fixed issue with typo for PM5560 folder selection for V4.x.x firmware
- Fixed issue with improper operation for non-intended Modbus based devices on certain dialogs
- Fixed issue with ION Setup crashing when viewing real-time screen with new HEP firmware power cycling or losing connection for any reason
- Go Logic Device Real Time energy display fixed.
- Phase Loss Alarm Set value restriction based on Wiring Type.

Removed items

- No removed functionality

PREVIOUS RELEASES FOR 2023

Release Date: November 1, 2023

Version: 3.2.23305.01

Added functionality

- Allow for RMD/IO Card upgrades on hardware locked HEP devices without having to disable hardware lock switch
- Allow Export CSV option for all data recorder viewers by default unless specifically omitted by right clicking on viewer for popup menu
- Allow Advanced ION module input linking to select the last created new module and/or module with changes for new unlinked inputs
- Allow selection of previous register file when performing template paste
- Added different message indicating when unable to locate version/build info from ION Setup latest release web page versus unable to open HTTP page
- Added data log viewing to Advanced ION module setup

Fixed items

- Issue with Switch User function not working properly when Legacy mode is enabled
- Issue with web test link drop list not reset after web download finishes
- Issue with proposed modified password complexity setup register changes
- Issue with Advanced ION Module input modification not properly allowing input selection for certain inputs
- Issue with Help not functioning for File Open and File Save As dialogs
- Issue with HHF files generated by Revenue Log data viewer possibly indicating more channels than are presently configured
- Issue with Alarming wizard not updating properly for certain device types

Removed items

- Removed Partial ION Template file option when performing ION firmware upgrade
- Removed ION Security wizard from adjusting Legacy mode to disabled when using Advanced security
- Removed appearance of being able to edit Security User/Option module settings when not Advanced Super User

Release Date: September 6, 2023

Version: 3.2.23249.01

Added functionality

- Support for Secure Modbus TCP communications (port 802)
- Support for ION string register edit dialogs to be resized
- Support for new V4.5 template for upcoming V4.5 HEP firmware

Fixed items

- Issue with specific new device types not being written properly to IONSETUP.DAT file
- Issue with regional settings not showing logged decimal values properly
- Issue with Security Wizard showing NERC/IEEE 1686 with incorrect password restrictions
- Issue with MV-90 Master File report not indicating access to User17 through User50
- Issue with Demand Setup crashing ION Setup when switching from non-rolling block demands
- Issue with Phasor Viewer with incorrect angle adjustment for Clockwise rotation
- Issue with new Multi-Input Advanced ION module dialog not functioning properly with certain ION modules. Allow override to use old style dialog by Alt + clicking on Edit
- Issue with non-RMP template downloads (including partial FWNs pastes) are not setting External Boolean values
- Isolate certain INI settings to only be updated when modified via Tools -> Options
- Issue with incorrect reporting of DNP Slave settings not being restored during template pasting due to writing to read only registers
- Issue with Switch User function not working properly

Removed items

- No removed functionality

Release Date: July 5, 2023

Version: 3.2.23186.01

Added functionality

- Added mechanism in Advanced Setup mode for ION module inputs to allow for consecutive similar inputs to be edited via drop list
- Added ability to generate authentication codes for CSV file export via registry setting
- Added support for iEM2000 and PM5xxxL models

Fixed items

- Fix issue where ION Setup crashes when viewing multiple logs simultaneously when large amount of memory is being used
- Fix issue where module tooltip was showing garbage text instead of the module default name for non-selected modules in network viewer advanced Setup mode
- Fix issue where ION meter configuration report wasn't showing the proper PQ pre-event cycle value which now will show both pre and post event waveform settings
- Modified installation files for HEP meters to be designated "Essential" instead of "Light" feature set for upcoming firmware release
- Fixed issue with ITC Setup wizard not restricting number of test points to 1 to 8
- Fixed issue with MV-90 configuration report not showing the IPv4 address in the phone password field

Removed items

- No removed functionality

Release Date: May 3, 2023

Version: 3.2.23123.01

Added functionality

- Added option for user to select IEEE 519-2022 harmonic limits via the 519 Setup Wizard for upcoming template release

Fixed items

- Issue with file operation where SHA256 calculation was still holding file open and would cause issues attempting to delete said file (ZIP operations)
- Issue with multiple open-source text files not showing properly when processing ZIP upgrade packages
- Issue with properly identify recent ZIP packages with What's New PDF versus a normal PDF viewing option
- Issue with setup assistant report viewer not right justifying parameter columns like data log viewers
- Issue with ION data log parameters showing different number of decimal places
- Issue with Log Export module settings not saving to XML DCF files
- Issue with Security SCF and password updating via scripting not working properly
- Issue with TOU holidays improperly computing flex holidays such as Labor Day (first Monday of September).
- Issue with unable to use Microsoft Print to PDF feature when printing

Removed items

- No removed functionality

Release Date: March 1, 2023

Version: 3.2.23060.01

Added functionality

- Added data recorder viewers for all new ION9K template variants
- Added data recorder setup/viewers for all EM3570 models
- Added support for new EM2154/EM2254 models

Fixed items

- Fixed issue with EM35xx not showing alarming option correctly
- Fixed issue with EM3750 demand setup to allow all firmware options
- Fixed issue with certain Modbus setup configuration reports not reporting data log setups properly

Removed items

- No removed functionality

Release Date: January 4, 2023

Version: 3.2.23004.01

Added functionality

- Replaced Help -> ION Setup on Box with Product Info link instead

Fixed items

- Issue with Siemens 9810 not showing parameter column labels when using data log viewer
- Issue with iEM3000, PM3000 and EM3570 setup configuration not working any longer

Removed items

- Removed Help -> ION Setup on Box link

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