

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 systems running Windows 7.0 or later.

System Impact

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

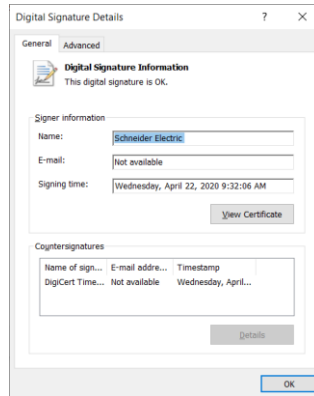
File Integrity

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**.



- 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.

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

RELEASE NOTES

Release Date: December 2, 2020

Version: 3.2.20337.02

Added functionality

- Added PM5350P Multi-Tariff, Energy Overflow, Preset Energy setup
- Added password strength/minimum length for Advanced Security ION meter passwords via ION Security wizard
- Ability to view passwords via tooltip for New Advanced User password
- Replaced all LED Control setup screens (PM5350) with Energy Pulsing versions
- Informative dialog shown when ION8650 Webserver is disabled due to firmware upgrade
- Added support for PM2225R/PM2230R and PM2000 R4 firmware release
- Added Upload/Download IEC-61850 options for applicable ION7550/ION7650 and Siemens variants
- Preliminary support for EM37xx device model

Fixed items

- Issue of Test Mode Access being required when saving device template with Advanced Security and using a Read Only user
- Incorrect dialog text shown when using max firmware restriction on ZIP upgrade files

Removed items

- No functionality/features removed

PREVIOUS RELEASES

Release Date: November 4, 2020

Version: 3.2.20309.01

Added functionality

- Added IM400N/IM400THRN to Network Export supported devices
- Show message dialog when firmware has SSH but security file does not
- Preventive check for leading zeros for standard passwords
- Updated Meter Configuration report to add more details for Multi-Tariff settings for PM5XXX meters
- Improved Modbus Tester UI to include 64-bit register displays

Fixed items

- Updated latest ION8650 Setup memory assistant to report matching default percentages
- Issue with firmware ZIP package message not displaying
- Issue with partial framework files from different meter platforms
- Issue with Multi-Tariff Time of Day configuration wizard not working properly
- Issue with Meter Configuration report not properly showing N/A for settings missing from meter firmware
- Issue with Master Reset done from Data View screen not properly displaying dialog to wait for reset completion

Removed items

- Removed Giga from Energy scaling for EM12xx/PM1xxx devices which don't support the setting

Release Date: October 7, 2020

Version: 3.2.20281.01

Added functionality

- MV-90 Report added to all ION8800 setup assistants
- Added detection of HEP ION device still in some type of upgrade state
- New LVCS CT setup wizard for ION9XXX
- Added new device support for DM6220H/EM1220H/PM1225H/PM1230H
- Support for credential reset for ION8650 firmware changes if necessary
- TCP Reconnection during Security wizard programming
- Bypass prompt when device matches PC time zone setting
- Added 7650/8650/8800 ION devices to configuration checklist process

Fixed items

- Improper programming of current HD entries for IEEE 5-19
- Updated LABELS.INI with Data Mapping EN entry causing RMP issues
- Improper indication of newly created modules as being locked
- Updated PM55/56/57xx export device types to match PME 2020 list
- Issue with incorrect ION Setup DST stored time zone setting
- Improper VT settings for PM1225H/EM1220H/EM1250H/DM6220H
- Removed reporting of files with invalid file lengths via SFTP
- Removed register format interpretation interfering with phasor display
- Issue when aborting meter configuration report during display scanning phase affecting subsequent setup assistant activity
- Issue with assistant updating interfering with config checklist operation

Removed items

- No functionality/features removed

Release Date: September 2, 2020

Version: 3.2.20246.01

Added functionality

- Adjusted Security wizard to function for upcoming ION8650 firmware changes plus added programming progress indication, ethernet reconnection
- Modified digital certificate setup assistant to non-blocking functionality
- Added new PM55xx/PM56xx models to import/export supported list
- Modified IPv4/IPv6 setup wizards to test for Comm Write Access when using Advanced Security
- Additional security checks for firmware which require security access to perform upgrades
- Workaround for ION8650 security firmware issue with incorrect credentials

Fixed items

- ION8600 not allowing Standard security configuration via setup assistant to be configured
- Improper file saving of imported network configuration CSV files
- Issue with older ION firmware which did not support Telnet configuration to upload DGD logs
- Correct edit functionality in new ION8650 V4.40 setup assistants for Open Phase configuration
- Adjust phasor viewer to stop updating when entering user credentials when adjusting setup
- Added missing PM5xxx models to CSV network export

Removed items

- No functionality/features removed

Release Date: August 5, 2020

Version: 3.2.20218.01

Added functionality

- Appearance of unzip dialog for ZIP file which take longer than a few seconds to unpack
- DNP Slave Option setup registers can now be retained over template pastes
- ION8650 Setup Assistants updated to add support for SSH/SFTP/Web options in upcoming firmware release
- ION8650 Setup Assistant serial settings for latest framework now show RTS Delay
- Addition of FWN template options for ZIP firmware packages

Fixed items

- Some Modbus Master Option setup registers mistakenly programmed via template pastes
- Phasor viewer bug fixes showing incorrect firmware version and improperly drawing vectors arrows
- RMD, option card or webpage upgrades via ZIP not functioning with Legacy mode on in 3.x.x firmware
- Adjusted entry for ION8800 V362e factory template entry to align with shipped template
- Issue with Advanced Security not always providing correct credentials when login for the first time
- PM53xx Basic Setup configuration error due to mismatched parameters being programmed

Removed items

- Modbus Master IP connection info no longer programmed via template pastes

Release Date: July 1, 2020

Version: 3.2.20182.01

Added functionality

- Provided link to get Adobe Reader for viewing of release notes if no PDF association for Help About dialog
- Added input class/names to XML DCF file for improved input name matching when performing template pasting

Fixed items

- CSV Network Import for newly modified PME2020 Export CSV format
- Issue with HHF file reporting incorrect number of channels
- RMP Template pasting issue with Wrong Data Type
- Device Updater using temporary binary DCF file
- Bypass RMP failures with normal ION template downloads
- XML DCF files not generating properly when saving multiple times in a session
- XML DCF files not being generated with External Boolean/Numeric output settings

Removed items

- Metering Version value from all setup assistants
- Default Template value from most setup assistant viewers

Release Date: June 3, 2020

Version: 3.2.20155.01

Added functionality

- Added support for numeric-based register class IDs in PME FWN files
- Single device MDI windows show connection info in window title
- Time broadcast for ION over Modbus gateway devices

Fixed items

- Issues with Meter Configuration and MV-90 reports
- Issues with ION7400/ION9000 custom Localization IEC/IEEE setup assistant wizard entries
- Issues with ION7400 saved XML DCF files
- Issue with file extension not appearing on all saved files
- Issues with Modbus Master setup wizard
- Issues with SNMP Option setup string registers not programming properly

Removed items

- No functionality/features removed

Release Date: May 6, 2020

Version: 3.2.20127.03

Added functionality

- Added support to save XML-based DCF template files for most ION devices
- Combined DCF and FWN into a single File Open list option

Fixed items

- Issue with configuration of added Modbus Master Mapping/Device modules in ION firmware
- Issue with Acknowledge configuration changes checkbox not properly working
- PM5560/PM5563: Not accepting the maximum value for BACNet device ID
- PM5560/PM5563: BBMD IP address not writing in correct format
- PM5560/PM5563: IP Mode reading/writing from incorrect register block

Removed items

- Saving for older binary DCF template files used by older versions is moved to a non-default save option for newer ION firmware

Release Date: April 1, 2020

Version: 3.2.20091.01

Added functionality

- Added new IMD/IFL commercial references support
- Added new PM55xx various IP Comm setup dialogs

Fixed items

- IMD/IFL firmware version determination
- Using leading zeros for IP addresses
- Log query dialog not properly using date range to retrieve log records

Removed items

- No functionality/features removed

Release Date: March 12, 2020

Version: 3.2.20070.01

Added functionality

- Added access to CM3xxx/CM4xxx CT Neutral setup registers via Basic Setup dialog
- Increased waveform viewer time stamp accuracy for high resolution waveform captures to microseconds

Fixed items

- Gateway IP port not storing correctly for Mixed protocol setting
- Log query dialog always uploading all available log records
- Various setup assistants referencing incorrect constants in Transformer Loss assistant

Removed items

- No functionality/features removed

Release Date: February 5, 2020

Version: 3.2.20035.01

Added functionality

- Added support for SSH/SFTP access instead of FTP/Telnet for devices which have those enhanced security protocols
- Changes to security setup assistant wizard to reflect upcoming cyber security firmware changes

Fixed items

- Excessive log upload times when sorting each record during view insertion
- IP address entry not saved in dialog sometimes during editing

Removed items

- No functionality/features removed

