

Power Monitoring Expert 9.0 Cumulative Update 2

File Name:	PME 9.0 Cumulative Update 2.exe
Build:	19137.01
Release Date:	May 23, 2019
Download Link:	https://schneider-electric.box.com/s/ahipmmu5rs1b4h0cq4vm3bu6mevzsxop

About this document

This document is intended for Application Engineers, System Integrators, or other qualified personnel who are responsible for designing, installing, configuring, maintaining, and using EcoStruxure™ Power Monitoring Expert (PME) software.

This document is not a tutorial, it was written with the assumption that you have been trained in the deployment and use of PME.

SUMMARY

This cumulative update (CU) includes a number of quality and cybersecurity improvements. It does not include any new features.

DETAILS

New items

No new functionality or feature has been added.

Cybersecurity

This cumulative update includes several security fixes related to the licensing components in PME. Our partner has provided necessary fixes to correct the problems. Using the Common Vulnerability Scoring System (CVSS) to review and score the vulnerabilities, our team has determined the vulnerabilities all score between 6.4 and 6.6. A score between 4.0 and 6.9 (inclusive) is considered a medium vulnerability. PME users are encouraged to apply this cumulative update to correct these security issues.

Fixed items

Feature/Application	Description
Alarms	Fixed an issue where invalid alarms could cause the alarm processing to stop.
Alarms	Improved alarm processing performance and resource use.
Cloud Agent	A number of fixes and improvement.
Device Communications	Fixed an issue where message fragmentation can cause connection issues with ModTCP devices.
Device Communications	Added support for Modbus formats (U32-1234 and S32-1234) for all Modbus device communications.
Device Driver	Fixed an issue with the IG6, EDS151, EDS461, and CMS460 device driver that could cause incorrect data to be displayed.
Diagrams	Fixed incorrectly linked setup registers in the ION7400 V2.1.0 device diagrams.
Licensing	Replaced licensing components with updated version to remove potential vulnerabilities.
Log Inserter	Fixed an issue where invalid timezone settings in the database prevent logs from being uploaded from devices.
Reports: Calendar Trend Month Report	Fixed an issue where not all days of the month were displayed when a Specific Month period was selected.
Reports: Energy Period over Period Report	Fixed an issue where data for the final logging interval was not included, in a year-over-year comparison.
Reports: Generator Test EPSS Report	Fixed an issue where the report would not detect a power outage under certain conditions.
Software Alarms	Fixed an issue where the Communication Status alarm would not detect when device communications have been restored, if the alarm service was restarted during the device communication loss.
Software Alarms	Fixed an issue where certain regional settings could cause alarm measurement values to be displayed incorrectly.
System Access	Changed system behavior to remove potential vulnerabilities.
Trends	Fixed an issue where unexpected real-time data values from a device can prevent the CSV export feature from functioning correctly.

Removed items

No functionality or feature has been removed.

IMPORTANT NOTES

System Compatibility

PME 9.0 CU2 is compatible with PME 9.0 and PME 9.0 with CU1. Do not install it with any other versions of the software.

Licensing

PME 9.0 CU2 is covered by your existing PME 9.0 product licenses. It does not require additional licensing. PME 9.0 CU2 does not change any existing trial licenses.

CU File Integrity

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

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

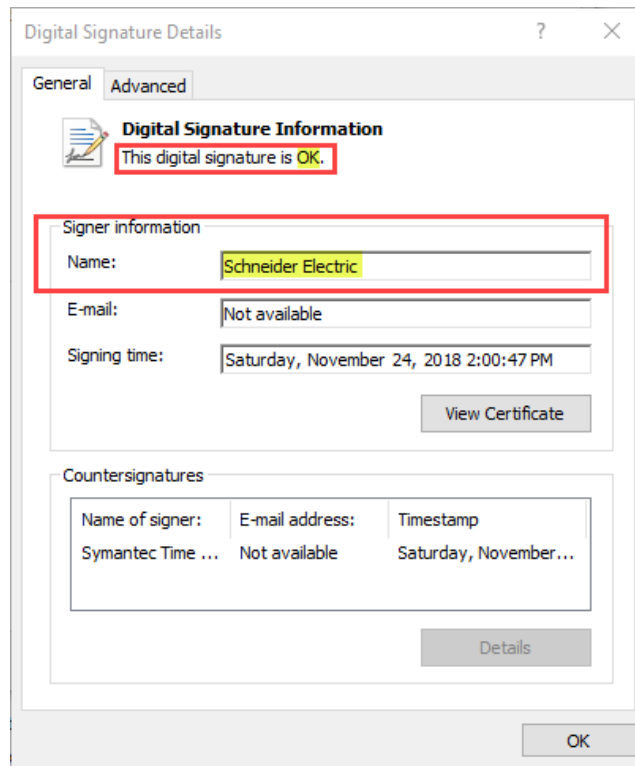
To verify the file integrity:

1. Download the PME 9.0 CU2 install file.
2. Right-click the file and select **Properties**. This opens the Properties dialog.
3. In the Properties dialog, select the **Digital Signatures** tab.
4. In the Signature list, highlight the Name of signer. Click **Details**.

NOTE: There should only be one signer entry.

5. Verify that the digital signature is OK and that the signer name shows **Schneider Electric**.

Example:



6. Close the properties dialog.

INSTALL INSTRUCTIONS

Install PME 9.0 CU2 on:

- The primary PME application server
- The secondary PME application server *
- Engineering Clients *

* If your system includes them.

NOTE: PME services are stopped during the installation of PME 9.0 CU2. This can affect communications and data processing.

WARNING

UNINTENDED EQUIPMENT OPERATION

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

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

WARNING

INACCURATE DATA RESULTS

- Before installing the update, 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 PME 9.0 CU2:

1. On the Windows server where PME is installed, log in with the local Administrator Windows user account or with an account that is a member of the Administrators group.
2. Take PME out of service by informing system users of the outage and disabling any automated system control or third party interactions.
3. Close all PME Engineering Client applications (Management Console, Vista, Designer, any Management Console tools).

NOTE: Web client applications can remain open but might experience a service interruption during the upgrade.

4. Run the PME 9.0 CU2 install file.
5. Follow the steps in the installer to install PME 9.0 CU2.
6. After the installation of CU2, verify the correct operation of the PME system and put the system back into service.
7. Restart any Web client applications that experienced a service interruption during the upgrade.

Done.