

Release Notes Com'X - v6.7.6 firmware

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Firmware upgrade compatibility

If your Com'X 210/510 device is currently running a firmware version earlier than v2.1, upgrade to v2.1 before upgrading to later versions.

Publication platforms

Com'X v6.7.6 supports the following publication platforms:

- Energy Operation
- Digital Services Platform (DSP)
- Comma Separated Values (CSV)

Release scope

Enhancements

- Improved method for managing historical data – First-In, First-Out (FIFO). In previous releases, the FIFO would attempt to remove one month of data from a device after the accumulation of 25 months. This method proved problematic and prevented the retention of data past 24 months. The new implementation will FIFO 25 days of data once available SD storage drops below 15%.
- A message indicating a FIFO event has been processed added to the maintenance log.
- The resolution of the Available Storage display changed from Gigabytes to Megabytes.
- Updated Historical Data Export to use the Field separator, Decimal separator, and Date Format selections selected for publication.
- Updated the User Agent header to include Com'X product type and firmware version as system information when publishing via HTTPS to 3rd party servers.
- Added custom headers to support Product, Firmware, Site Name, and Serial Number when exporting using HTTPS to third-party servers.
- Added Wireless Link LQI and RSSI measurements to all PowerTag devices.
- Updated Sepam S20STM to provide a single measurement “Residual I0 Sum” to support both measured and calculated residual current values.

- Updated Sepam 40 to provide independent measurements for Residual Current I0 Sum and Residual Current I0 Measured for logging and monitoring.
- Added device type “PowerTag 80-160A” to support PowerTag HD devices:
 - A9MEM1580
 - PLTPPB1253P

These devices will discover as “PowerTag 80-160A”.

- Added device type “PowerTag R 3P+N” to support PowerTag Rope devices:
 - A9MEM1590
 - A9MEM1591
 - A9MEM1592
 - A9MEM1593
 - PTR1203P
 - PTR6003P
 - PTR10003P
 - PTR20003P

These devices will discover as “PowerTag R 3P+N”.

Cybersecurity

- N/A

Fixes

Issues resolved

Devices

- Corrected missing MasterPact P IFE energy reset timestamp.
- Added support to display the breaker status of “Unknown” when the Sepam digital inputs monitoring breaker status is reporting an invalid value.
- Corrected the order in which measurements are displayed on the device settings page for EM4800 devices.
- Changed the reset time stamps on the Control Resets page to display the time returned by the connected device.
- Corrected scaling of earth leakage coefficient for Compact NSX E.
- Corrected timestamp for the last reset demand reset on the PM3255.
- Corrected relative humidity scaling for CL110 on the single device view page.

Custom Models

- Corrected issue where creating a custom model with an invalid NaN value for a measurement prevents the measurement table from being displayed in the device settings page.
- Improved the presentation of “Running Hours” in the custom contactor model.

Others

- Corrected the issue where monthly publications do not always contain samples for the last day of the month.
- Added the ability for the Com'X device to publish more than one publication interval at a time. This ability allows data previously unpublished due to the inaccessibility of the publication server to be automatically published over multiple publication intervals once access to the server is reestablished.
- Repaired support for default port values when selecting different protocols for publication platforms.
- Corrected alignment issues seen on the single device view pages of multiple devices.
- Corrected the timestamp of the email generation contained in the test and event emails
- Corrected issue where the LED indicators on the single device view would continue displaying when communication to the device is lost
- Corrected issue where the device list in the historical data export showed no devices if a device was deleted from the configuration while data logging is enabled.
- Corrected issue where the exporting data on the Historical Export page would fail to download.
- Corrected issue on the single device page where the “Out of Service” message was not being displayed when device communication is lost.
- Corrected issue on the summary device pages where the devices displayed do not reflect the device(s) selected.
- Improved measurement update performance on the single device view page.
- Corrected issue where images of the product type and status were not being displayed on the start-up screen.
- Corrected issue where data measurements were not being plotted in the real-time trending page most seen when attempting to trend active energy into the load.
- Provided translations for messages not translated in previous updates.
- Added the recipient name to the Maintenance Log entry when an email is sent.
- Corrected Historical Data Export issue where available topic(s) selected for export would sometimes display incorrectly in the Selected Device/Topics window, but export correctly.
- Corrected issue where the days indicated in the energy dashboards while in kiosk mode would display incorrectly when UTC time rolled over midnight.
- Corrected inactive link to “Com'X 510 Documents and Downloads” on the View Links page.

- Added controls to prevent the creation of duplicate usernames.
- Corrected issue where the CPU utilization would remain high after device discovery leading to reduced performance until a reboot could be performed.
- Corrected issue where device name changes were not being reflected in exported CSV historical data filenames or in their content.
- Corrected issue where more than one measurement could be assigned to the same topic ID after a device has been deleted and then recreated. This caused the wrong value to be logged and published for the duplicated topic ID.