

CBT, CBV & CBX Firmware update 8.2.0

Issue Date: 04 June 2020

Product: CBT-4T4-4T, CBT-3T6-5R, CBT-4T4-2U1R,
CBV-2U4-3T, CBV-2U4-3T-N, CBX-8R8, CBX-8R8H

Product Version: 8.2.0

Summary

The **CBT**, **CBV** and **CBX** range of controller firmware has been updated from 8.1.0 to 8.2.0. This build is a maintenance release that resolves several issues including Set Points resetting to zero following a restart/power cycle.

Background

In line with Cylon's commitment to continuous improvement, several issues have been resolved.

Features

Resolved Issues

- SYSX-247** Setpoints are no longer set to zero following a restart/power cycle. This resolved issue had occurred on some sites where the controller had been running for some time (depending on the content and size of the strategy). The issue affects controllers with external Flash memory **CBX**, **CBV** and **CBT-4T4-2U1R** (but not other **CBTs**).
- SYSX-238** COV subscriptions now work correctly for **CBX** I/O points above 101. These I/O points correspond to I/O on **FLX** modules.
- SYSX-239** Priority Array module operation now works correctly for **CBX** I/O points coming from **FLX** modules. The issue could be seen when downloading a strategy and you get an error a download error reported by **CXpro^{HD}**.
- SYSX-240** Improved **CBX** handling of erroneous data received from a Modbus device - **CBX** no longer starts to make Modbus requests from different/random Modbus addresses if a response from a Modbus request was received more than once (e.g. repeated responses for some unknown/error reason/condition).

Other Updates

- SYSX-245/248** On all controllers new **Cylon** proprietary BACnet properties have been added to the Device, Analog Output, and Binary Output objects. These provide future support for **CXpro^{HD}** to use during the firmware upgrade process and determining updated override information for Analog/Binary Outputs.
- SYSX-250** A Controller restart is no longer required to stop saving old/deleted Trend Log records to external flash.
- SYSX-251** The **CBX** now checks if it should run a **FLX** firmware upgrade automatically on start up. The upgrade runs if the controller has a valid **FLX** firmware file (e.g. the firmware that was shipped with the unit) and one of the **FLX** connected requires an update. Sending the **FLX** firmware to the controllers works as before (i.e. it will trigger a upgrade if needed).

Customer Impact

Customers who have **CBT-4T4-2U1R**, **CBV** or **CBX** controllers on-site at the start of installation/commissioning should update the controller to this release. If using **CBT-4T4-2U1R**, **CBV** or **CBX** products then upgrade to this version of firmware as soon as it is practical.

Note: The process of upgrading to this firmware revision can trigger an automatic strategy wipe on any controller running firmware older than 8.0.0.

The firmware can be download from our support web sites:

- North America <http://www.cylon-automatrix.com/login>
- Europe/ROW see <http://support.cylon.com/>

Contact support@cylon.com for further information.