

# CXpro<sup>HD</sup> v1.07.08

## Summary

This update includes support for quickly adding constants to a strategy, mass changing of BACnet module parameters and Modbus configuration improvements.

## Features

### HOLD OUTPUTS DURING STRATEGY DOWNLOAD

Support has been added for holding output values during a strategy download to prevent unintended state changes.

The Hold Outputs functionality means that:

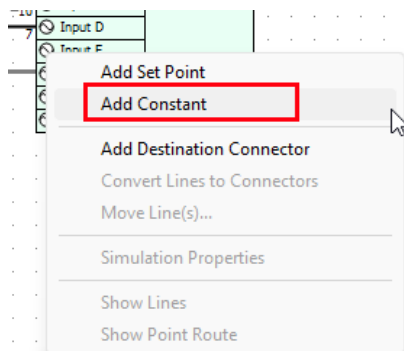
1. At the start of the strategy download, the controller freezes its output values.
2. When the strategy download is complete, the **Hold Outputs state is cleared**.

**Notes:**

- Any configuration or **strategy** changes will still update the relevant outputs as expected.
- Hold Outputs are also triggered during: **Soft reset, Strategy restart and Firmware upgrade**.
- If communication is lost during a download, Hold Outputs will automatically clear after 60 seconds.

### QUICKLY ADD STRATEGY CONSTANTS

It is now possible to quickly add or connect to Constant Modules in a strategy by right-clicking on any empty input node of a module and selecting **Add Constant**.



This opens the **Add Constant** dialog:

#	Type	Constant	Value	Point Name	Existing connections
8	Real Constant	Constant A	0.2500	0.2500	1
8	Real Constant	Constant B	25.0000	44.0000	1

Use Existing

Add New Constant Module

Point Name:

Value:

Type:  Integer  Real

Add New Module

Use Connector Modules

Cancel

When **Use Existing Constant Module** is selected, choose a constant from the list and click **Use Existing**. This will automatically connect the node to the selected module.

**Note:** The Value and Point Name columns can be edited.

When **Add New Constant Module** is selected, enter a point name and value and click **Add New Module**.

#	Type	Constant	Value	Point Name	Existing connections
8	Real Constant	Constant A	0.2500	0.2500	1
8	Real Constant	Constant B	25.0000	44.0000	1

Use Existing

Add New Constant Module

Point Name:

Value:

Type:  Integer  Real

Add New Module

Use Connector Modules

Cancel

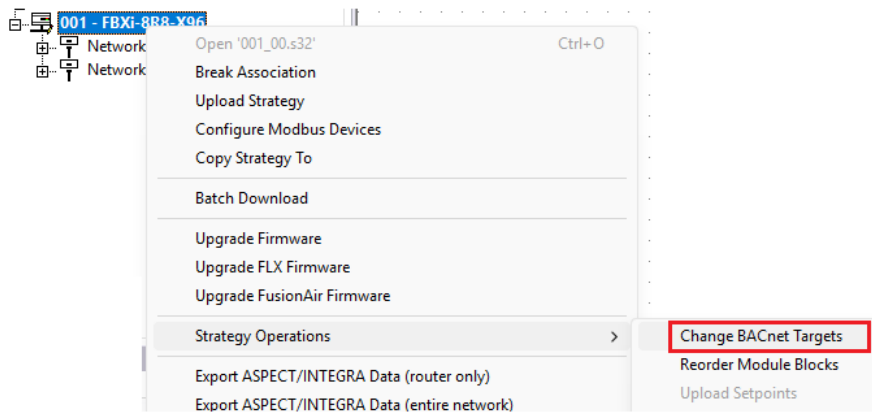
This will automatically add a new constant module to the **strategy** and connect the selected node to it.

**Note:** For Analog constants, you can choose to add an **Integer Constant** or a **Real Constant** module.

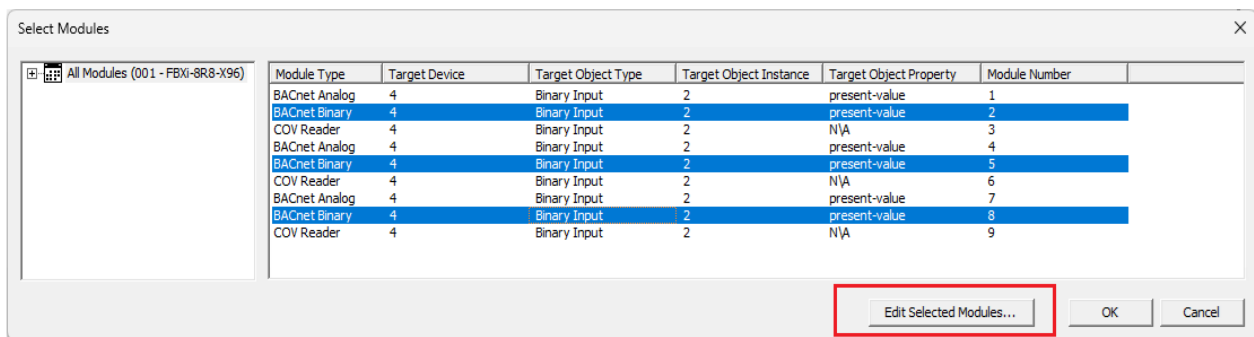
By default, the **Use Connector Modules** option will be checked. This means **Connector Modules** will be used to connect to the **Constant Module**. Uncheck this to use lines instead.

# MASS CHANGE BACNET MODULES

It is now possible to change multiple properties of the BACnet Analog, BACnet Binary and COV Reader modules simultaneously by selecting Strategy Options > Change BACnet Targets from the Site Tree context menu:

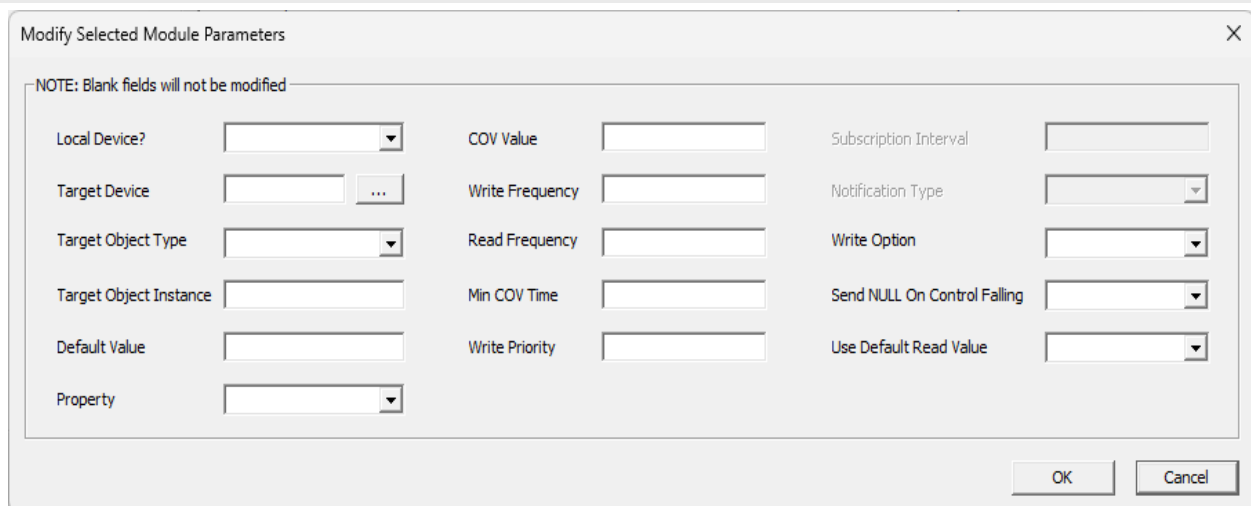


Multiple modules can then be selected and edited by clicking the Edit Selected Modules... button:



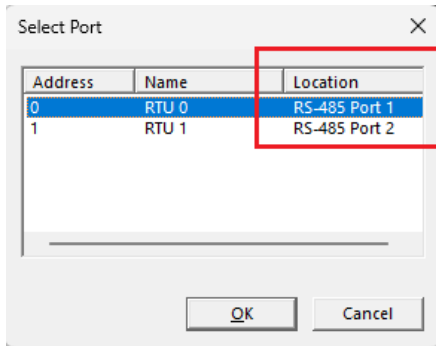
The common parameters between the selected modules can then be edited.

**Note:** Fields that are left blank will not be modified

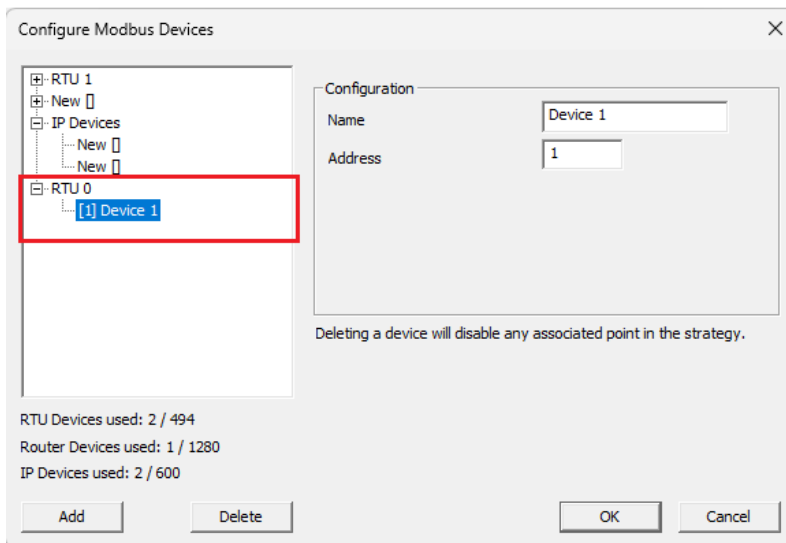


# MODBUS CONFIGURATION IMPROVEMENTS

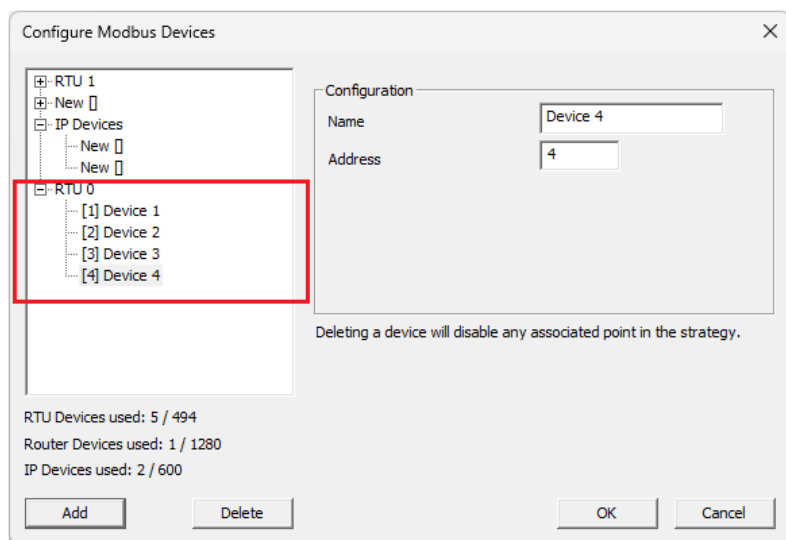
When selecting an RTU port, the physical description of each port can now be seen in the dialog:



When a new device is added, the item will be automatically selected in the Modbus Devices tree:



Newly-added devices will be assigned a consecutive address both in the Name and Address:



## OTHER NEW FEATURES

- Tooltips have been added to all buttons on the **Properties window** toolbar.
- Support has been added for Copy and Paste in the **Page Names** pane.
- The warning about **Dealer version licence** has been removed.
- Full Download has been updated to handle support for Holding I/O Values.

## RESOLVED ISSUES

43948 - (CCB-43902)	Fixed issue with exporting MSV state texts to JSON.
43682 - (CCB-42615)	Added the ability to change BACnet Device IDs to the <b>BACnet Explorer</b> .
43684 - (CCB-42616)	Fixed issue where incorrect device names were appearing in the <b>mass commissioning tool</b> .
42112 - (CCB-41967)	Removed warning about <b>Dealer version licence</b> .
42618 (CCB-42067)	Fixed the issue where virtual points were not being deleted from the database when they were replaced in a <b>strategy</b> by a hardware point.
42115	Fixed the issue where module text was not updated properly when reconnecting/deleting lines.
42607	Duplicate database entries for set points and virtual points with the same address are now prevented.
42153	Fixed issue with <b>BACnet</b> and <b>Export flags</b> not being saved correctly.
42113	Fixed issue where adding a macro could cause <b>CXpro<sup>HD</sup></b> to crash.
41289	The Keypad (Site Guide) UI is now disabled while loading point information from the database.
42061	Fixed issue where pasting modules to a <b>macro strategy</b> was not properly aborted if HW Points were detected in the pasted modules.
42062	Fixed issue where <b>CXpro<sup>HD</sup></b> could become unresponsive when closing a strategy with an open nested macro.
42063	Opened macro <b>strategies</b> are now automatically closed when the macro is removed from the parent <b>strategy</b> .
41691	Fixed issue where uploading a <b>strategy</b> failed if the <b>strategy</b> was downloaded using different region list separator settings.
41583	Fixed issue where copying selected blocks from the <b>strategy</b> also copied selected <b>setpoints</b> from opened <b>macros</b> .
41774	Fixed issue where the <b>Associate a Strategy</b> dialog was displaying invalid <b>strategies</b> in the <b>selection</b> dialog.
41731	Fixed issue where the <b>Abort</b> button was not working correctly during a compare operation.
41536	Fixed issue where <b>Add</b> button in <b>Macro Manager</b> was not changing to <b>Import</b> when an empty subgroup was selected.
41550	Fixed the issue where <b>Select Items to Compare</b> dialog appears in the left-top corner instead of centre of the screen.
41892	Fixed issue where <b>site discovery</b> could freeze when <b>Requesting BACnet Device object information...</b>
41891	Users are now prevented from selecting or entering local device instance as a target device of <b>COV Reader strategy</b> module.
41865	Fixed issue where setting custom page size to 0 x 0 crashed <b>CXpro<sup>HD</sup></b> .
35922	Improved handling of errors when <b>ReadPropertyMultiple</b> fails or is not supported by a <b>BACnet</b> device
35902	Added support for segmentation when reading <b>BACnet</b> properties

## Customer Impact

Customers affected by any of the issues listed here should update to v1.07.08 as soon as is practical.