CENTRALINE NX ONBOARD I/O DRIVER

User Guide



CENTRALINE NX ONBOARD I/O DRIVER 4.4.xx

USER GUIDE

Software License Advisory

This document supports software that is proprietary to Honeywell GmbH, Honeywell Control Systems Ltd. and/or to third party software vendors. Before software delivery, the end user must execute a software license agreement that governs software use. Software license agreement provisions include limiting use of the software to equipment furnished, limiting copying, preserving confidentiality, and prohibiting transfer to a third party. Disclosure, use, or reproduction beyond that permitted in the license agreement is prohibited.

Trademark Information

CentraLine and 'close to you' are trademarks of Honeywell Inc.

BACnet and ASHRAE are registered trademarks of American Society of Heating, Refrigerating and Air-Conditioning Engineers. Microsoft and Windows are registered trademarks, and Windows Internet Explorer are trademarks of Microsoft Corporation. Java and other Java-based names are trademarks of Sun Microsystems Inc. and refer to Sun's family of Java-branded technologies. Mozilla and Firefox are trademarks of the Mozilla Foundation. Echelon, LON, LonMark, LonTalk, and LonWorks are registered trademarks of Echelon Corporation.

Tridium, JACE, Niagara Framework, NiagaraAX Framework, Sedona Framework and Vykon are registered trademarks, and Workbench, WorkPlaceAX, and AXSupervisor, are trademarks of Tridium Inc. All other product names and services mentioned in this publication that is known to be trademarks, registered trademarks, or service marks are the property of their respective owners.

CONTENTS

SYSTEM REQUIREMENTS		6
INSTALLATION	Alternate Usage of Different ARENA NX / COACH NX Versions on Same PC	6
SETUP AND CONFIGURE EAGLEHAWK CONTROLLER		7
	Setup via Terminal Program (Serial Port)	
	Using Niagara Workbench	11
	Create Station	
	Start and Connect to Station	
	Create Onboard I/O Network	
	Commission Controller	
	View / Modify Onboard I/O Point Properties	
	Modify Onboard I/O Point Property	
	Configuration and Use of Enhanced Datapoint Creation Module	36
	I/O Creation Configuration	36
	Create Datapoint via Context Menu	37
	Drag&Drop Datapoint from Palette or Nav Tree	
	Copy Datapoints	
	Configuring Alarm LED Status Indications	45
	Configuring Ports to Enable Webserver Functions	

SYSTEM REQUIREMENTS

Niagara Version:

• Niagara 4.4.xx and higher

Controllers

Products and OS Numbers

For detailed information on the applicable controllers including their OS Numbers and licenses, please download the corresponding, product data, software release bulletin and/or the compatibility matrix at:

Product Data

http://products.centraline.com/en/

Software Release Bulletin

https://www.centraline.com/partnerweb/index.php?id=847&route=article%2Findex&directory_id=47&direct_link=1

Compatibility Matrix

https://clfaq.ge51.honeywell.de/?action=artikel&cat=70&id=1616&artlang=en

Licenses and Point Handling

When having a license allowing only a limited number of points and you are deleting points, the free number points are not available instantly. To make the free number of points available again, please restart the station.

INSTALLATION

The Onboard I/O driver is part of the ARENA NX / COACH NX installation package, version 4.4.xx and higher.

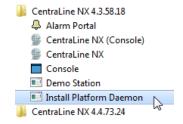
Alternate Usage of Different ARENA NX / COACH NX Versions on Same PC

If you have different ARENA NX / COACH NX versions installed on your PC and you want to use them alternately, each time before you start the ARENA NX / COACH NX software, you must install its dedicated platform daemon. This is necessary in order to make sure that all necessary services are properly running when using the software.

NOTE: For ARENA NX / COACH NX 4.4.xx which will be installed via setup, the dedicated platform daemon is automatically installed and the corresponding services are running, as long as you do not start another ARENA NX / COACH NX version.

Example:

You worked with ARENA NX / COACH NX 4.4.xx and you want to use the previous COACH NX 4.3.xx version. Prior to software start, click the **Install Platform Daemon** entry in the *CentraLine COACH NX 4.3.xx.xx* program group.



SETUP AND CONFIGURE EAGLEHAWK CONTROLLER

Setup via Terminal Program (Serial Port)

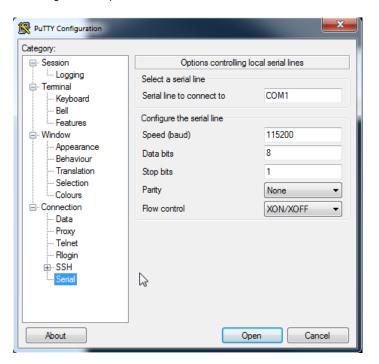
By using a terminal program such as "PuTTY", you can access the EAGLEHAWK controller via the RS232 interface. This can be helpful and applied in the following cases:

- controller cannot be accessed via network
 Solution: network can be configured to required settings
- controller application or status is unknown
 Solution: controller can be reset to factory defaults

Prerequisites

The following cables must be used:

- XW586 and XW585 (see Installation and Commissioning Instructions EN1Z-1039GE51)
- The following interface parameters must be set for serial communication:



Procedure

 Start PuTTY. As soon as the following line displays, press c.



RESULT: The Boot menu displays.

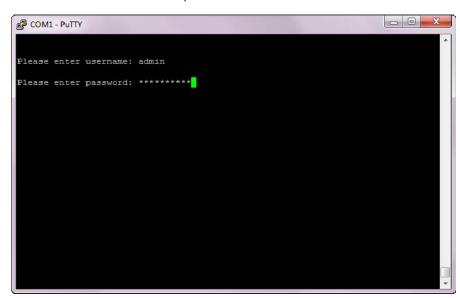
Login and Change Network Settings

2. To login and change the IP address and/ or configure further network settings, press 1.

```
COM1-PuTTY

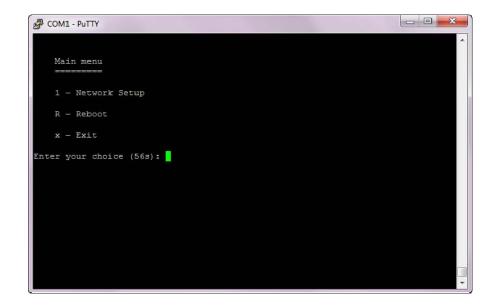
Please enter username:
```

3. Enter the user name and press Enter.



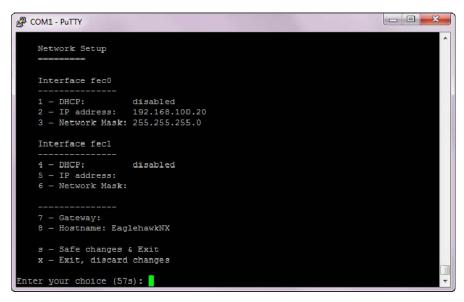
4. Enter the password and press Enter.

RESULT: The Main menu displays.



5. Press 1 in the Main menu.

RESULT: The Network Setup displays.



6. Configure the network as desired by applying the available options displayed.

Reset Controller to Factory Defaults

7. To reset the controller to factory defaults, press **F** in the *Boot* menu.

```
Boot menu

1 - Login
F - Reset to factory default
R - Reboot
x - Exit

Enter your choice (51s):
```

8. Reset the controller by entering Y.

```
Reset device to factory conditions

All user data are deleted

Do You want to continue? [Y/N]:
```

Using Niagara Workbench

The following sections describe the setup and configuration of an EAGLEHAWK controller. The Onboard I/O controller can be configured in offline and online mode. If the controller is configured in offline mode, the Onboard I/O network will stay in 'fault' state. As a result, no Onboard I/O modules are discovered and there will be only communication between the EAGLEHAWK controller and the Onboard I/O modules.

It is recommended to create a new station using COACH NX in offline mode. Then the Onboard I/O network should be added to the 'offline' station which is running on the PC.

Then in 'online' mode, the station should be copied to the EAGLEHAWK controller using the Commissioning Wizard. When following this procedure the necessary Onboard I/O files are copied automatically to the EAGLEHAWK controller.

The setup and configuration of the EAGLEHAWK controller includes the following steps:

Offline Mode

- Open platform
- Create station
- Start and connect to station
- Create Onboard I/O Network

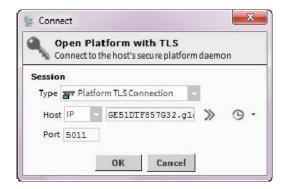
Online Mode

Commission Controller

Procedure

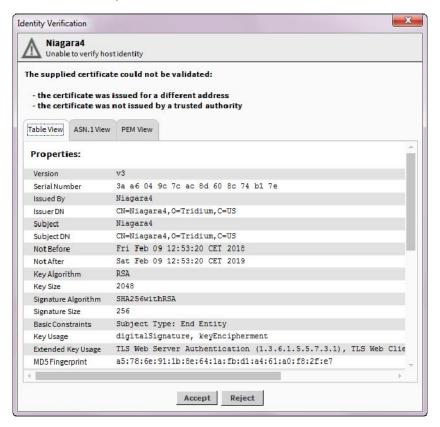
1. In the Nav side bar, right-click on My Host and then click Open Platform in the context menu.

RESULT: The Connect dialog box displays.



2. In Type, select the secure Platform SSL Connection, and then click OK.

RESULT: If the following message box is displayed, confirm by clicking **Accept.**



RESULT: If the Authentication dialog box is displayed.



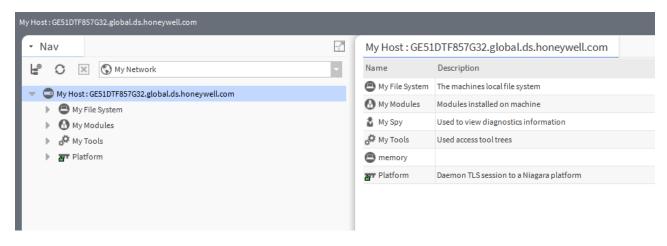
- 3. In Username, enter your Windows account name.
- 4. In Password, enter your Windows account password.

IMPORTANT

To connect successfully, you must have admin rights as Windows user.

5. Click OK.

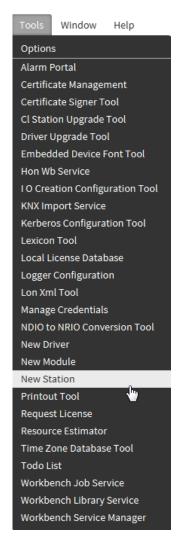
RESULT: You will be connected to the platform and the utilities of the platform are displayed on the *Platform* pane on the right.



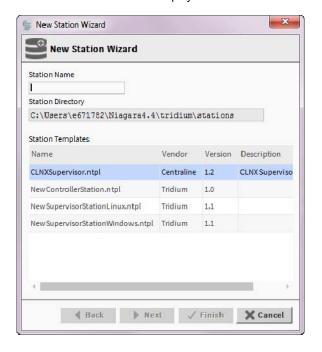
Create Station

Procedure

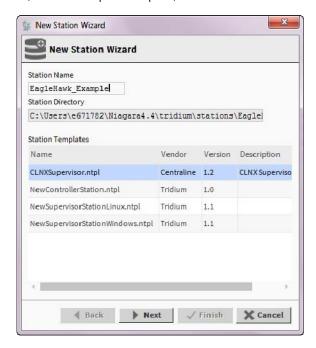
1. In the *Tools menu*, click on **New Station**.



RESULT: The New Station Wizard displays.



In Station Name, enter the name for the station, then under Station Templates, select the required template, and then click Next button.



3. Click Set Password button.





4. In Password and in Confirm, enter the administrator password.



- Under When 'Finish' is pressed, save the station and, check any of the following options:
 - open it in user home creates the station in the user home folder (PC)
 - copy it to secure platform for "localhost" with Station Copier copies the station to the *localhost* folder (PC or controller

NOTE: It is recommended to select this option. Otherwise you must manually copy the station to the "localhost" folder later using the Station Copier function. This is the mandatory step in order to allow starting and opening the station.

 close the wizard creates the station and closes the station wizard.

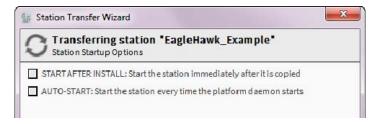
The following screens show the creation of the station by using the recommended option copy it to secure platform for "localhost" with Station Copier.

6. Click Finish button.

RESULT: The Transferring station ... dialog box displays.



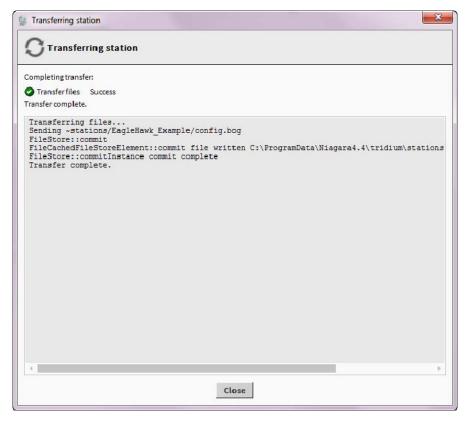
- Check whether you want to start the station after copy immediately and once, or whether you want to start the station immediately after copy and automatically every time after platform daemon start.
- 8. Leave the START AFTER INSTALL option checked. For the controller and NIAGARA SUPERVISOR N4, it is recommended to check AUTO-START. If this option is checked, the application will always start automatically. When working with NIAGARA WORKBENCH N4 on the PC, it is recommended to uncheck the AUTO-START option because the application will run in the background taking PC resources.



RESULT: In this example, the copy (transfer) process is successfully completed indicated by the corresponding messages.



9. Click Finish button.



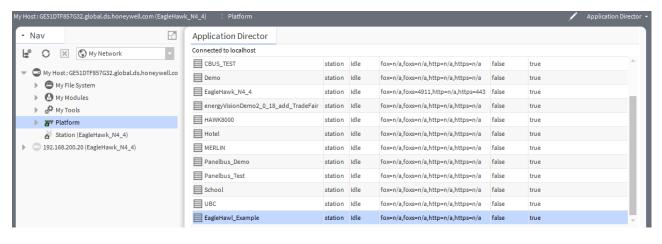
10. Click Close button.

RESULT: The Open Application Director? message box displays.



11. Click the Yes button.

RESULT: The Application Director is invoked.



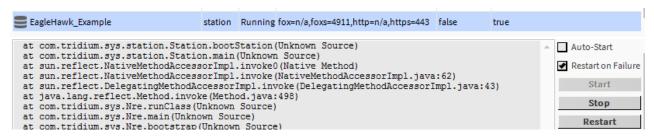
Start and Connect to Station

Procedure

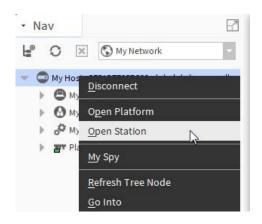
- On the Platform pane on the right, double-click on the Application Director utility.
- 2. In the list, select the station, and then click Start button on the right.



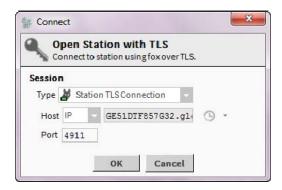
RESULT: The station is started as indicated by the status 'Running' in the **Status** column.



3. In the *Nav* side bar, right-click on the host folder, and then click **Open Station** in the context menu.



RESULT: The Connect dialog box displays.



4. Click the OK button.

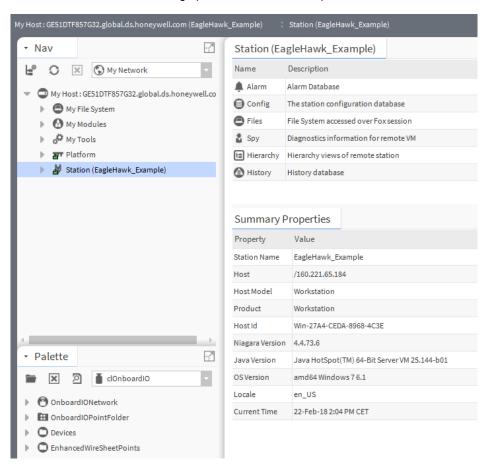
RESULT: If the *Authentication* dialog box displays, enter the password, and then click the **OK** button.



RESULT: The station is will be opened. On the *Station* pane on the right the components of the station are displayed:

- Config
- Files
- Spy
- History

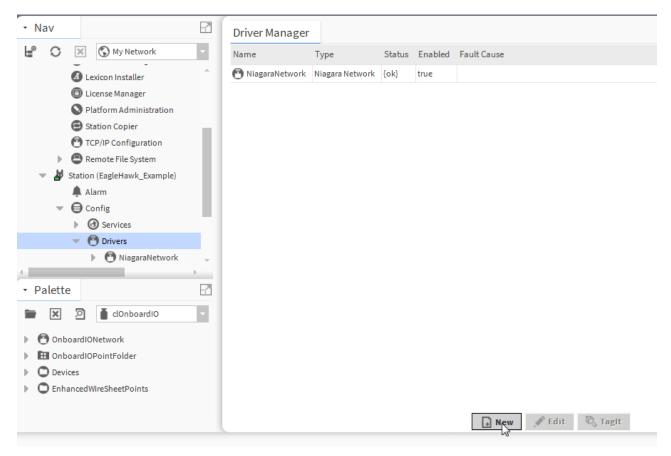
On the bottom, the *Summary* pane displays general properties and its settings (Station Name, Host, etc.) of the station.



Create Onboard I/O Network

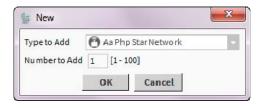
Procedure

 In the Nav side bar, expand the Station folder, and then double-click on Drivers.

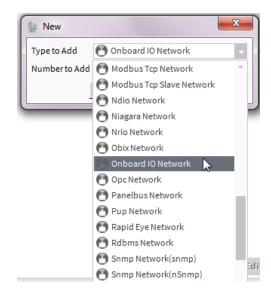


2. On the right pane, click New.

RESULT: The New dialog box displays.

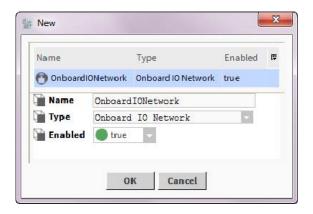


3. In Type to Add, select 'Onboard IO Network'.



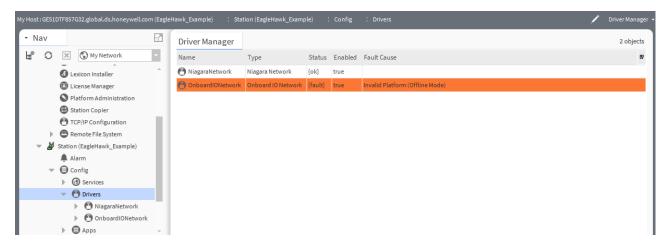
4. Click OK.

RESULT: The New dialog box is displayed.



5. In Name, change the name of the network if desired, and then click OK.

RESULT: The Onboard I/O network is created and added to the Driver Manager.



NOTE: The Onboard I/O network in offline mode is indicated by the 'fault' status.

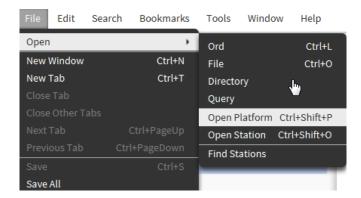
Commission Controller

Purpose

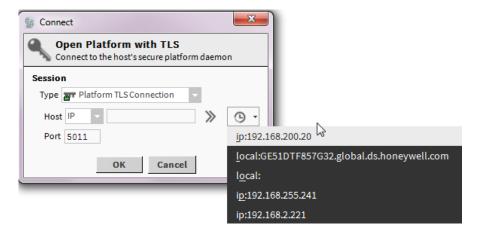
To commission the EAGLEHAWK controller by copying the station to the EAGLEHAWK controller. .

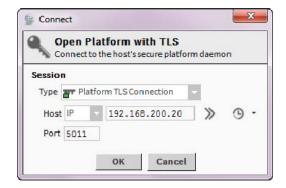
Procedure

1. In the File menu, click Open, and then click Open Platform.



2. In the *Connect* dialog box, enter the IP address for the EAGLEHAWK controller, or select the IP address from the drop-down list, and then click **OK** button.



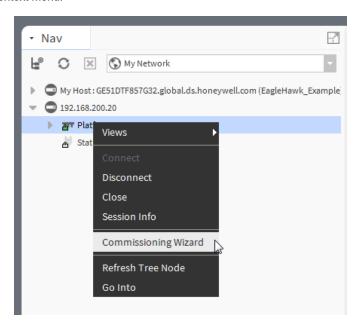


- 3. In the *Connect* dialog box, enter the IP address for the EAGLEHAWK controller, or select its IP address from the drop-down list, and then click **OK** button.
- 4. If the Identity Verification dialog box displays, click Accept button.
- $\textbf{5.} \ \ \text{Right-click on the platform, and then click } \textbf{Connect} \ \text{in the context menu pane}.$

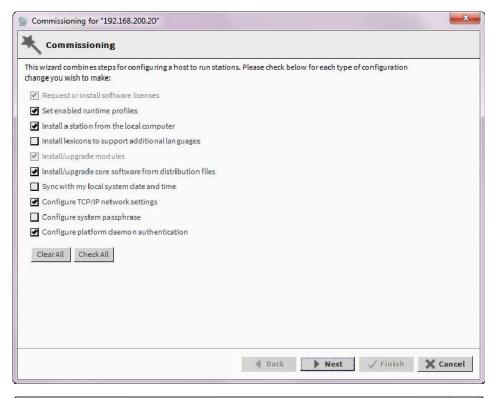
RESULT: The Authentication dialog box displays.

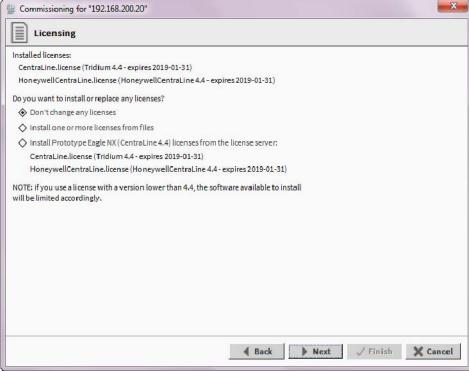


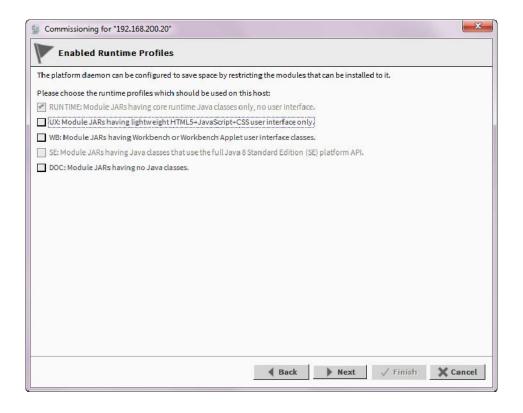
- 6. In Username, enter the user name.
- 7. In Password Confirm, enter the password.
- 8. Click OK button.
- **9.** Right-click on the platform, and then click **Commissioning Wizard** in the context menu.

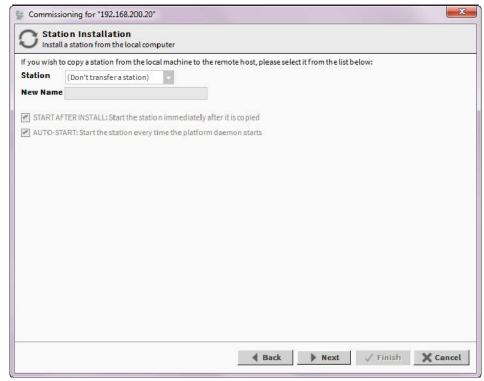


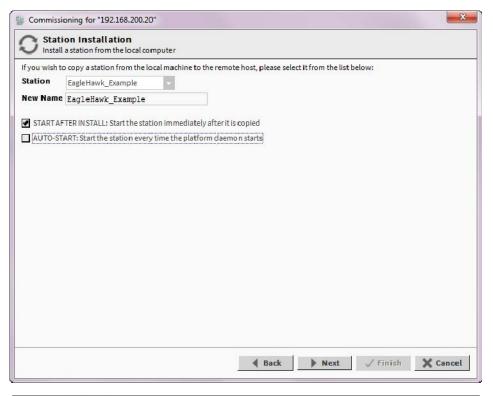
 Execute the steps of the Commissioning Wizard as displayed in the following screens. Keep default settings and change settings as required.

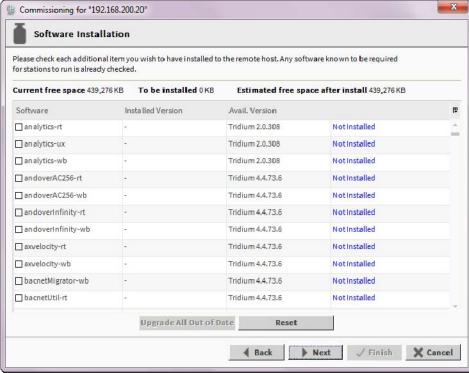


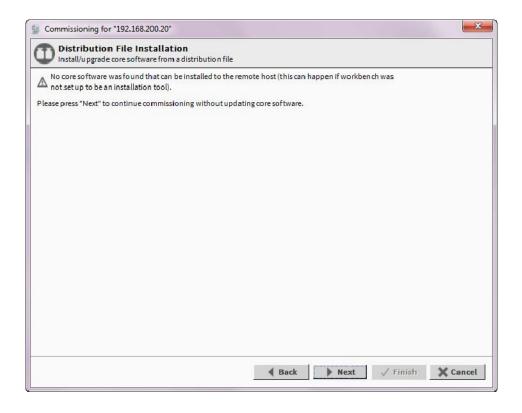


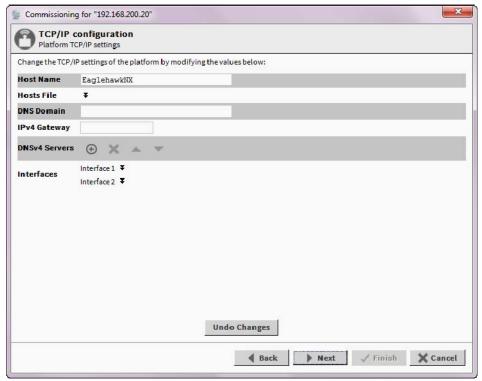


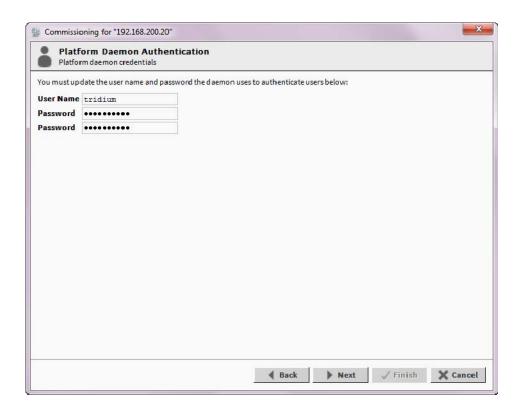


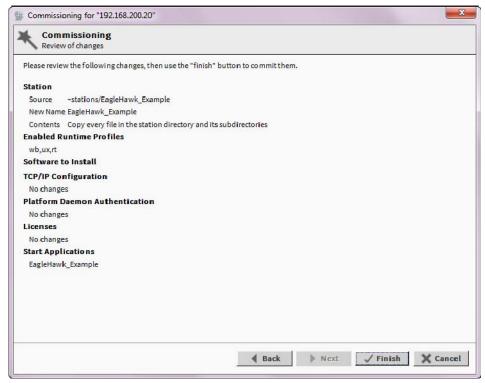


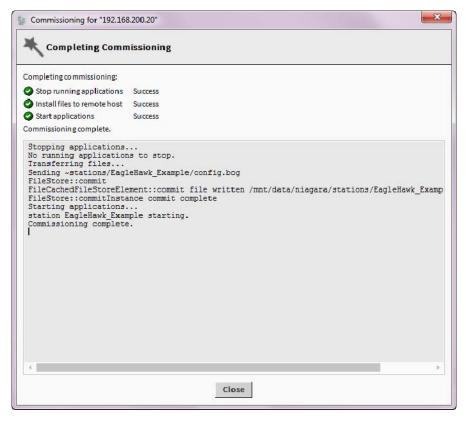












- 11. Click Close button.
- **12.** Start the station (if no AUTOSTART is set during commissioning) in the same way as described in the "Start and Connect to Station" section.
- **13.** Connect to the station in the same way as described in the "Start and Connect to Station" section.

View / Modify Onboard I/O Point Properties

Purpose

To view points and modify point properties.

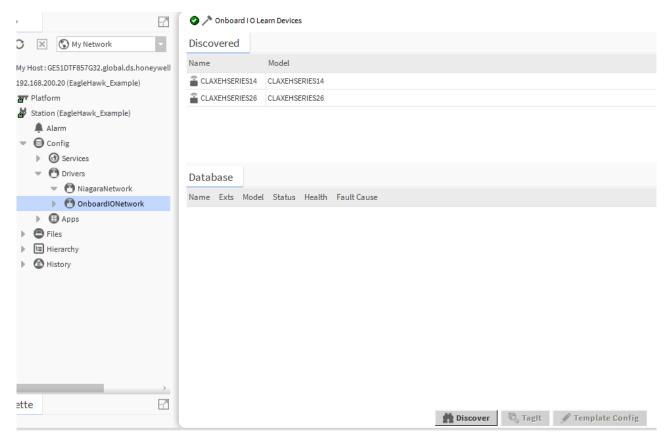
The properties of the Onboard I/O points for the two controller types CLAXEHSERIES14 and CLAXEHSERIES26 are the same.

For detailed descriptions of the Onboard I/O Point Properties, please refer to the EAGLEHAWK product data, form no. EN0Z-1004GE51.

Procedure

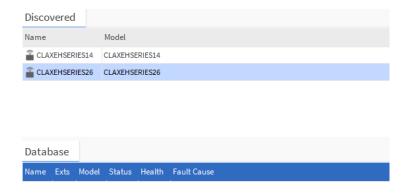
 To view/edit point properties, double-click the Onboard I/ONetwork folder in the Nav tree.

RESULT: On the right pane, the available Onboard I/O controller variants are displayed.



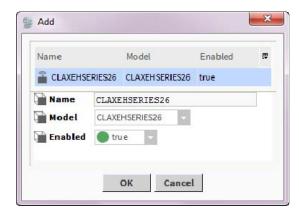
- **2.** If no entries are displayed on the *Discovered* pane, click the **Discover** button on the bottom of the right pane.
- **3.** On the *Discovered* pane, select the controller variant, e.g. CLAXEHSERIES26, and the drag&drop it to the *Database* pane.





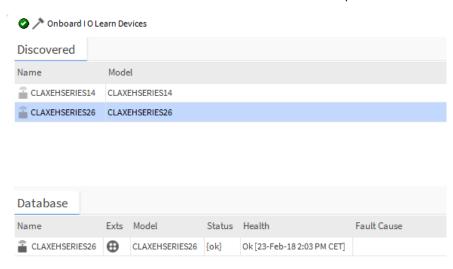


RESULT: The Add dialog box displays.

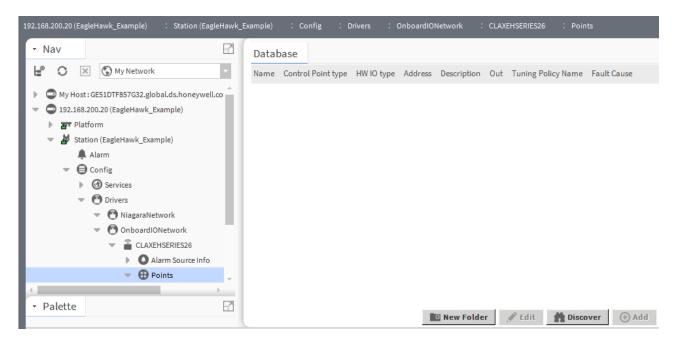


4. Click the OK button.

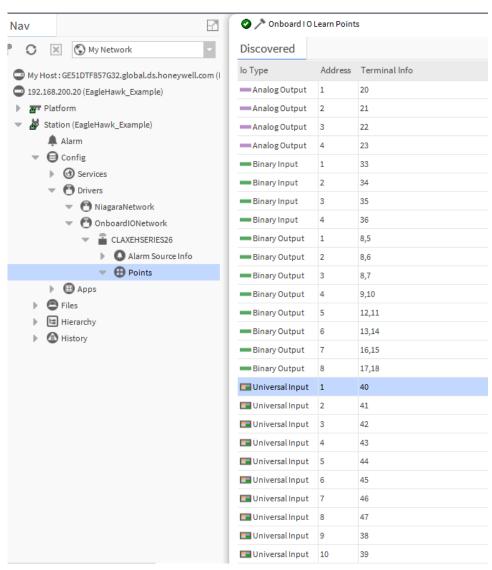
RESULT: The controller variant is added to the Database pane.



5. In the *Nav* tree, double-click on the *Points* folder, and then click the **Discover** button on the right pane.

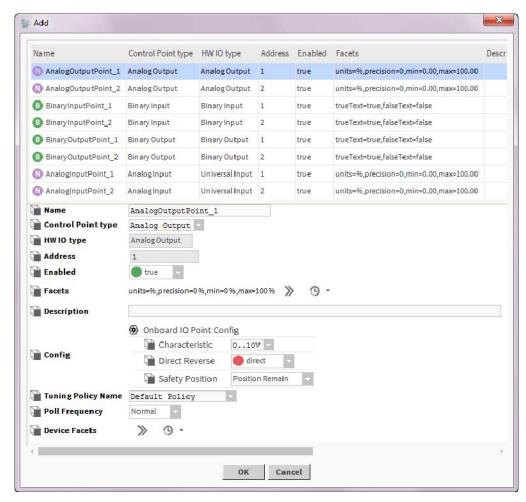


6. On the *Discovered* pane, the Onboard I/O points of the controller are displayed.



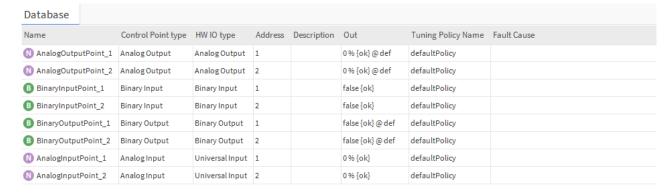
- Select the points you want to add to the station. Multi-selection using the SHIFT and STRG keys is possible.
- 8. Click Add button on the bottom of the pane.

RESULT: The Add dialog box displays.



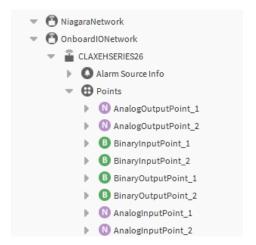
9. Click OK.

RESULT: All datapoints of the list are added to the database.

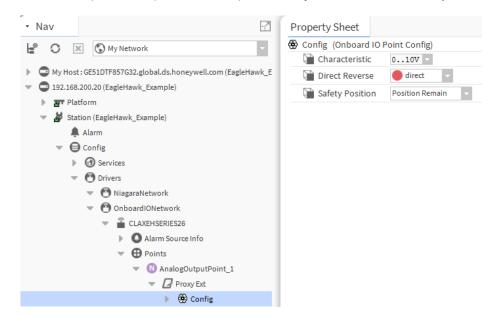


Modify Onboard I/O Point Property

Procedure 1. Open the *Points* folder in the *Nav* tree by clicking the plus symbol.



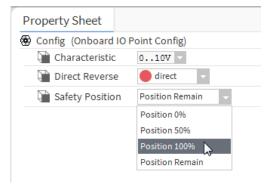
2. Open the datapoint, and then open the Proxy Ext folder in the same way



3. Double-click on the Config icon.

RESULT: On the right pane, the properties of the datapoint are displayed.

4. Change a datapoint property as desired by selecting another option.



- To save the changed datapoint property, click the Save button at the bottom. This writes the value to the controller.
- 6. To upload the current properties values from the controller, click the Refresh button at the bottom. This overwrites all values in Niagara if these values are different to the values in the controller.

Configuration and Use of Enhanced Datapoint Creation Module

The following sections describe the configuration and use of the enhanced data point creation module. It can be used in offline and online mode.

It is recommended to do the engineering using COACH in offline mode. This means that the station is running on the PC.

Then in online mode, the station should be copied to the EAGLEHAWK controller using the Commissioning Wizard. When following this procedure, the necessary files are copied automatically to the EAGLEHAWK controller

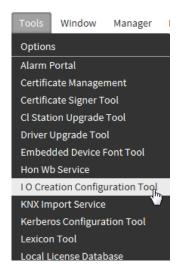
The enhanced data point creation module provides the following functions:

- I/O creation configuration
- Datapoint creation via context menu in the Nav tree
- Datapoint creation via Drag&Drop of datapoints from palette or Nav tree
- · Copy Datapoints

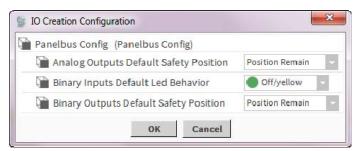
I/O Creation Configuration

Procedure

1. In the menu, click *Tools* and then click *I/O Creation Configuration Tool*.



RESULT: The I/O Creation Configuration dialog box displays.



2. Specify the default settings for analog outputs and binary inputs and outputs by selecting desired options from the drop-down lists, and then click **OK**.

Create Datapoint via Context Menu

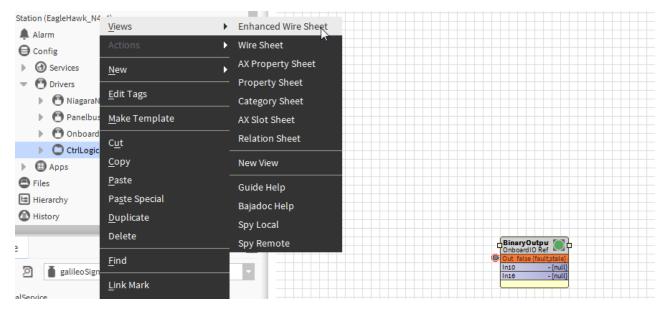
Datapoints can be created in:

- individual folders
- · the points folder
- points objects

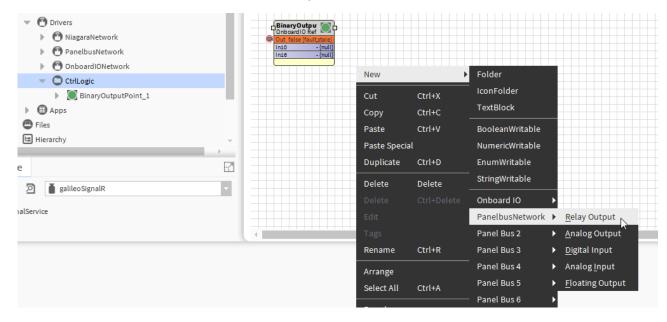
Procedure

- 1. Create an individual folder, e.g. for your control logic.
- Right-click on the individual folder, e.g. CtrlLogic, and then click in the Views menu.

Or, click on the points folder or points object.



3. Right-click in the Enhanced Wire Sheet view, then click the network driver (Onboard I/O, Panel Bus 1, or Panel Bus 2), and then click the datapoint type (Binary output, Analog output, Binary Input, or Universal Input for Onboard I/O driver, or Relay output, Digital Input, Analog Input or Floating Output for Panel bus driver).



RESULT: The *Add* dialog box of the Panelbus or Onboard I/O driver displays.



If desired, modify the point properties before the point will be created, and then click OK.

RESULT: By default, the created datapoint will be assigned to the next bus specific device (Onboard I /O or Panel bus) with a free suitable

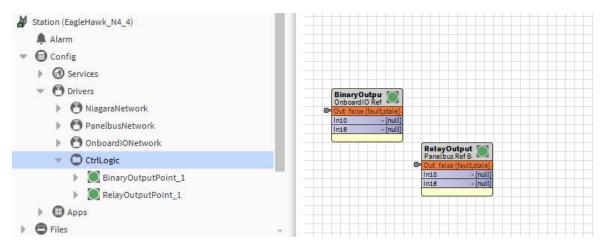
terminal according to the datapoint type. If there is no appropriate device available, a new device will be created.

NOTE: If the datapoint to be created should be explicitly assigned to a CLIO 830/831 mixed I/O module, this module must be drag&dropped from the palette to the network in the *Nav* tree.

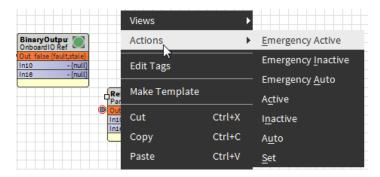
If in the *Nav* tree, a points folder or a points object was selected, the created datapoint is called a native datapoint.

If in the *Nav* tree, an object is selected other than a points folder or a points object, in addition to the creation of the native datapoint, a reference datapoint will be created. A reference datapoint is indicated by 'Ref' in the point icon.

The figure below shows two reference datapoints, one is linked to a binary output datapoint on an OnboardIO device, the other is linked to a relay output datapoint on a Panel Bus device.

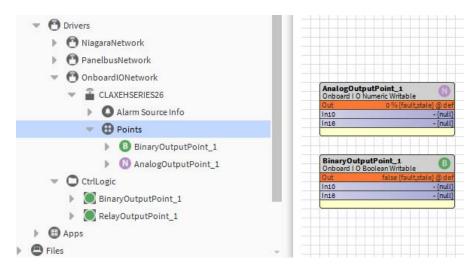


As native datapoints, reference datapoints provide the same actions via right-clickable context menu.



Reference datapoints and native datapoints can be deleted. When deleting a reference point on the enhance wire sheet, you will be asked if you want to delete the native point too.

The below figure shows datapoints created when the *Points* object was selected. In this case, no reference datapoints (as shown in the figure above) have been created



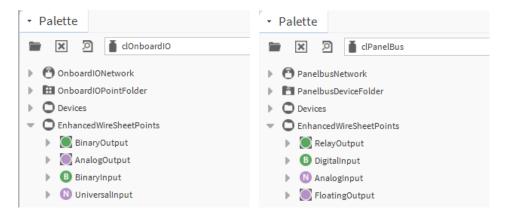
NOTE: Creating datapoints directly in controller will take much longer than creating datapoints in a station running on a PC. Best practice is to do the datapoint engineering offline (running the station on a PC) before copying station to the controller.

Drag&Drop Datapoint from Palette or Nav Tree

Datapoints can be created in:

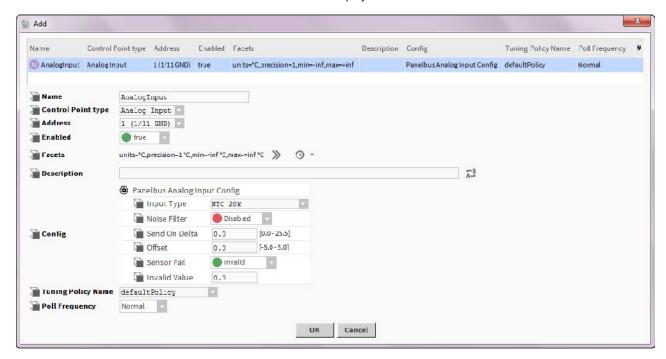
- individual folders
- the points folder
- · points objects

On the palettes of each supported driver, you will find the EnhancedWireSheetPoints folder including the datapoint types.



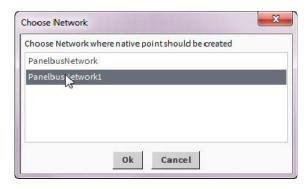
Procedure

- 1. Drag&Drop the desired point type onto the Enhanced Wire Sheet.
 - RESULT: The *Add* dialog box of the Onboard I/O or Panelbus Driver displays.



- If desired, modify the datapoint properties before the datapoint will be created, and then click OK.
 - RESULT: By default, the created datapoint will be assigned to the next bus specific device (Onboard I /O or Panel bus) with a free suitable terminal according to the datapoint type. If there is no appropriate device available, a new device will be created.
 - NOTE: If the datapoint to be created should be explicitly assigned to a CLIO 830/831 mixed I/O module, this module must be drag&dropped from the palette to the network in the *Nav* tree.

For a Panelbus datapoint, the panel bus network can be selected if two Panelbus networks exist.



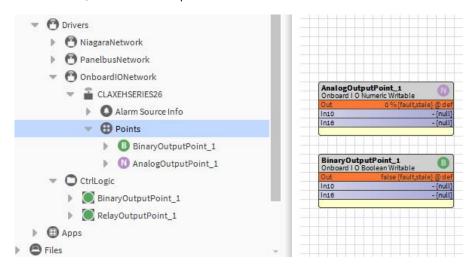
If desired, modify the datapoint properties before the datapoint will be created, and then click OK.

The figure below shows two reference datapoints, one is linked to a binary output datapoint on an OnboardIO device, the other is linked to a relay output datapoint on a Panel Bus device.

As native datapoints, reference datapoints provide the same actions via right-clickable context menu.

Reference datapoints and native datapoints can be deleted. When deleting a reference point on the enhance wire sheet, you will be asked if you want to delete the native point too.

The below figure shows datapoints created when the *Points* object was selected. In this case, no reference datapoints have been created.

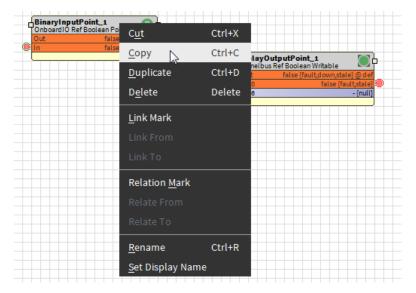


Copy Datapoints

The Enhanced Wire Sheet provides all the features of the standard Wire Sheet as well.

E.g. you can copy native datapoints and reference datapoints by using Copy and Paste/Paste Special. Using Paste Special it is possible to create multiple copies. When copying a reference datapoint, the linked native datapoint will be copied too.

1. In the Enhanced Wire Sheet, select the datapoints you want to copy.



- Right-click in the Enhanced Wire Sheet, and then select Copy in the context menu.
- 3. Right-click in the Enhanced Wire Sheet, and then select **Paste Special** in the context menu.

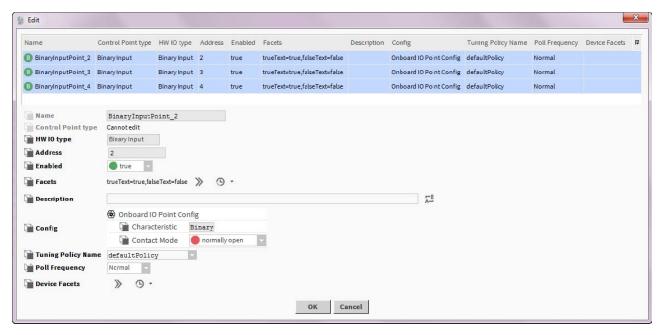
RESULT: The Paste Special dialog box displays.



4. In the Paste Special dialog box, enter the number of copies. Check if the links and/or relations should be kept. Uncheck these options if they should not be kept. Then click **OK**.



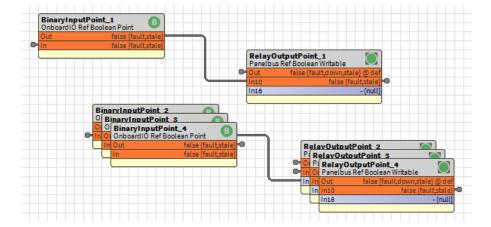
RESULT: The Edit dialog box displays.



5. Modify the datapoint properties if desired, and then click OK.



RESULT: The selected datapoints will be copied.



Configuring Alarm LED Status Indications

The alarm LED indication of the EAGLEHAWK controller can be configured by using one of the following switching modes:

- Off / Red (1)
- Off / Blinking (2)
- Off / Red / Blinking (3)

Whenever an incoming alarm or outgoing alarm occurs, or when an alarm is acknowledged, the LED is switched based on a specific alarm counter assigned.

One of the following specific alarm counters (alarm count types) provided via the alarm class must be assigned:

- Open alarm displays the current total number of alarms that are unacknowledged and normal or unacknowledged and alert
- In alarm count displays the total number of alarm conditions
- Unacked alarm count displays the total number of unacknowledged alarms

NOTE: For the LED modes 1 and 2, any of the alarm count types can be assigned. For the LED mode 3, only the 'In alarm count' type can be assigned (default and fxed).

The following table shows the switching behavior of the LED defendant on the assigned alarm count type and the current alarm count status.

	LED Status Indication						
	①*		②**		3***		
Alarm Count Type	Off	Red	Off	Blinking	Off	Red	Blinking
Open Alarm Count	0	>0	0	>0	-	-	-
In Alarm Count	0	>0	0	>0	0	>0	>=0
Unacked Alarm Count	0	>0	0	>0	0	0	>0***

^{*/**}Acknowledgement is ignored

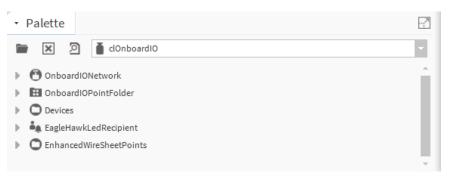
NOTE: For the LED modes 1 and 2, alarm acknowledgement has no effect on the switching behavior. For the LED mode 3, alarm acknowledgement effects the switching from 'Blinking' status to 'Red' status.

When multiple alarm classes are used to monitor alarms, all corresponding counter values are summarized and determine the switching behavior of the alarm LED. As long as one single alarm is active, the LED will not be switched.

For details on alarming and count types, please refer to the Niagara online documentation.

Procedure

1. In the Palette pane, open the clOnboardlO palette.

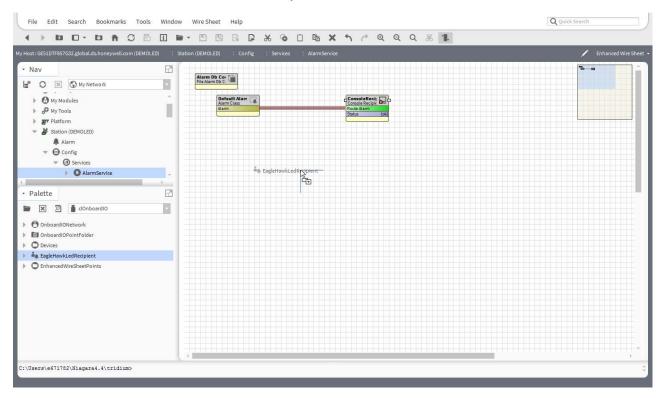


^{***}Acknowledgement is considered

2. In the Nav tree, expand the Services folder, and then double-click AlarmService.

RESULT: The Enhanced Wire Sheet displays.

 On the Enhanced Wire Sheet, add an Alarm ConsoleRecipient and connect it to the Alarm Class component that is assigned to the datapoint(s) of which alarms you want to monitor.



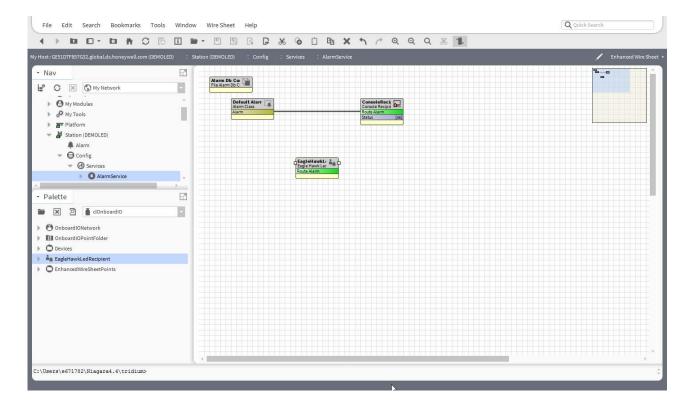
4. From the Palette pane, drag&drop the EagleHawkLedRecipient to the Enhanced Wire Sheet.

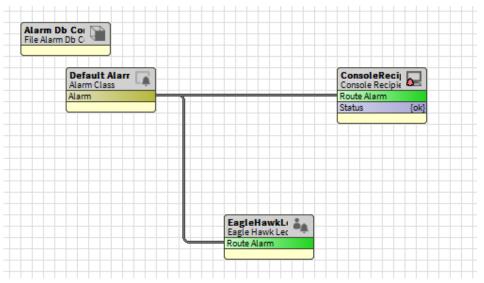
RESULT: The Name dialog box displays.



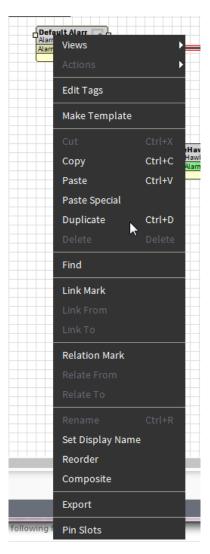
- 5. Change the name if desired.
- 6. Click the OK button.

RESULT: The **EagleHawkLedRecipient** is added to the *Enhanced Wire Sheet*.

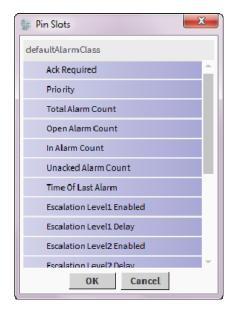




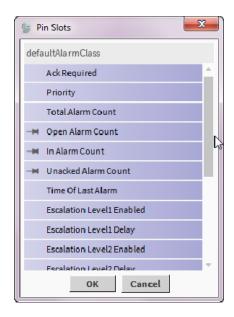
- 7. Connect the EagleHawkLedRecipient to the AlarmClass.
- 8. Right-click on the Alarm Class, and select Pin Slots in the context menu.



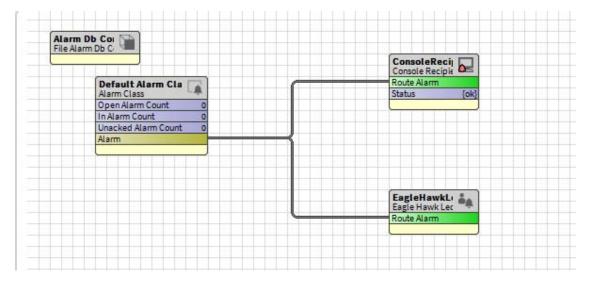
RESULT: The Pin Slots dialog box displays.



9. Click the Alarm Count Types you want to be shown in the Alarm Class component.



RESULT: The selected alarm count types are shown in the **Alarm Class** component. The counters are set to 0.

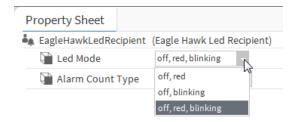


10. Double-click the EagleHawkLedRecipient in the Enhanced Wire Sheet.

RESULT: The EagleHawkLedRecipient Property Sheet displays.



11. From the Led Mode drop-down listbox, select the mode.



12. From the Alarm Count Type drop-down listbox, select the alarm count type.



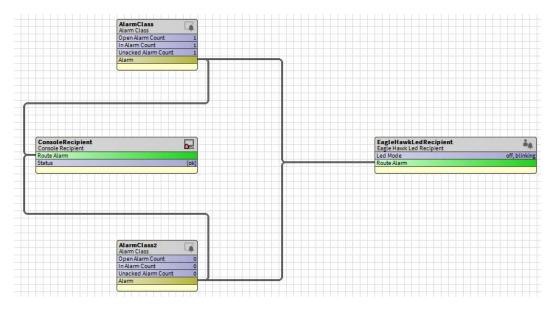
13. Click the Save button at the bottom.



- 14. If you want to monitor alarms of datapoints using different alarm classes, add the alarm class component(s) to the Enhanced Wire Sheet, and then assign the alarm class component to the EagleHawkLedRecipient and the Alarm Console Recipient (see previous steps).
- **15.** To monitor alarms, reopen the *Enhanced Wire Sheet* and track the counters displayed in the **Alarm Class** component.

Example:

The following screenshot shows 2 alarm classes used for alarm monitoring. Both are connected to the **Console Recipient** and the **EagleHawkLedRecipient**. The **AlarmClass** component on the top shows its 3 counters each indicating that currently one alarm has occurred. The LED on the controller will be blinking due to the Led Mode setting = 'off, blinking'. Depending on the selected alarm count type, the result of the counts displayed will be different when the alarm is acknowledged and/or is going back to normal.



 For alarm acknowledgement, open the alarm console by clicking the Alarm Class component.

Configuring Ports to Enable Webserver Functions

The EAGLEHAWK controller provides webserver functionality, e.g. for using the CentraLine N4 Supervisor. In order to use webserver functions, the http and https standard ports settings must be changed as follows:

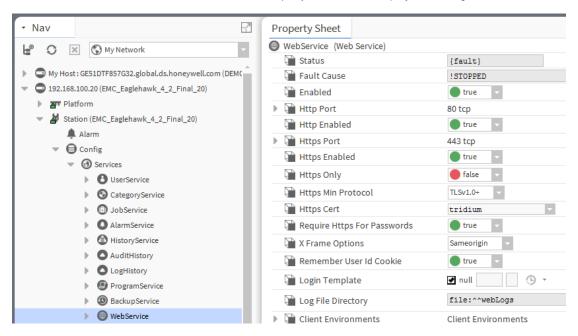
- http standard port 80 to 8080
- https standard port 443 to 8443

After the changes are done, the controller is reachable via both pairs of ports, the old standard ports and the newly set ports.

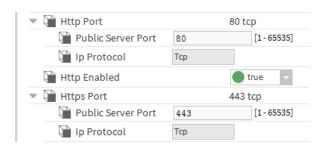
Procedure

1. In the Nav tree, expand the Services folder, and then double-click WebService.

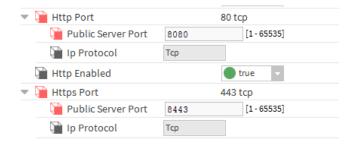
RESULT: The *Property Sheet Sheet* displays on the right.



2. Expand the Http Port and Https Port options.

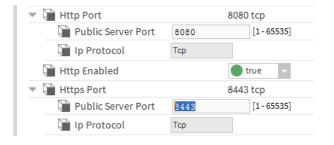


3. Change Http Port to 8080 and the Https Port to 8443.



4. Click the Save button at the bottom.

RESULT: The changed port settings are saved.



Manufactured for and on behalf of the Environmental and Energy Solutions Division of Honeywell Technologies Sarl, Rolle, Z.A. La Pièce 16, Switzerland by its Authorized Representative:

CentraLine Honeywell GmbH Böblinger Strasse 17 71101 Schönaich, Germany Phone +49 (0) 7031 637 845 Fax +49 (0) 7031 637 740

info@centraline.com

www.centraline.com

Subject to change without notice EN2Z-1044GE51 R0518

